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深圳市键特电子有限公司
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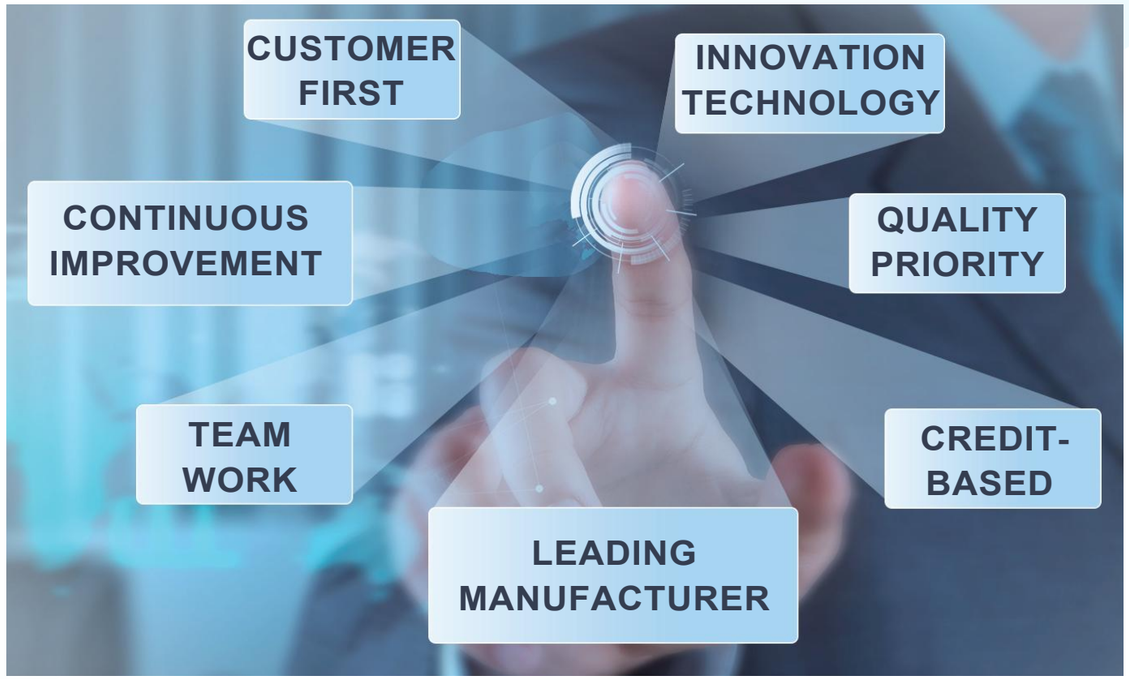
KEY TECHNOLOGY (CHINA) LIMITED

Stainless Steel Industrial Keypad

Company Profile

Established in 2006, Key Technology (China) Limited is an ISO9001-2015 and GJB9001C-2017 registered enterprise engaged in research, development, sale and service of all kinds of rugged keyboards/pointing devices for harsh environments covering industrial/military/marine/medical/ coal and mine/oil and gas/chemical industry/transportation/finance/aerospace/public access/food and beverage/vehicle etc. applications. We have excellent and experienced teams who focus on product development & design, quality control and company running, dedicated to strict quality control and thoughtful customer service, our experienced staff are always available to provide ideal solutions to customers. Besides, our products have obtained many professional certificates/ testing reports including but not limited to CE, RoHS, FCC, ESD, REACH, IEC60945-2002, MIL-STD-461G-EMC-EMI-EMS-ESD, MIL-STD-810F, IP67, IP68, Medical IEC60601-1-2, Explosive-proof, high and low temperature testing as well as patent certificates.



键特电子 KEY TECHNOLOGY

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Part Number : K-TEK-B110FK-4-AC-BL-DWP

Feature

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Mechanical Data

Keys:	4 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	110.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

键特电子 KEY TECHNOLOGY

Part Number : K-TEK-B110FK-4-AC-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial matrix function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, without electronics controller. Industrial backlight optional. Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	4 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	110.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B135FK-5-AC-BL-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial matrix function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, without electronics controller, flat stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, Industrial backlight included, (red/blue/white/green optional). Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	5 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	135.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B135FK-5-AC-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial matrix function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, without electronics controller. Industrial backlight optional. Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	5 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	135.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B135FK-5-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with external USB electronics controller board. Industrial white/blue backlight optional. Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	5 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	135.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B160FK-6-AC-BL-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial matrix function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, without electronics controller. flat stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, Industrial backlight included. (Red/blue/white/green optional). Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	6 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	160.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B160FK-6-AC-DWP

Feature

IP65 dynamic water proof rated Vandal proof Stainless Steel industrial matrix function keypad with totally sealed and ruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, without electronics controller. Industrial backlight optional. Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing and tightening with cabinet, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	6 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	160.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B160FK-6-DWP

Feature

IP65 dynamic water proof rated vandal proof stainless steel industrial keypad with totally sealed andruggedized metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stableand accurate data input. Rear stainless steel back plate with mounting holes and water-tight rubber sealing gasket for easy sealing andtightening with cabinet, rear panel mounting solution. Which is good for outdoor application with direct rain and very harshenvironments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	6 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.20KG
Dimension:	160.0mm x 30.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A63KP-12-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, carbon-on-gold key switch technology with stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	63.0mm x 82.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A68KP-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.30KG
Dimension:	68.0mm x 90.0mm x 14.1mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A68KP-AC-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight optional (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.30KG
Dimension:	68.0mm x 90.0mm x 14.9mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A68KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	68.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A68KP-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with key stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	68.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top panel mounting with threaded bolts and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-AC-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top panel mounting with threaded bolts and water-tight gasket for easy mounting and tightening to enclosure or panel. Backlight optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-BL-DT-DWP

Feature

IP68 dynamic waterproof stainless steel compact format numeric keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by desk top stainless steel housing, with industrial PCB carbon-on-gold key switch technology with stroke 1.5mm, movable and stand alone desk top version, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out. Industrial Backlight (red/blue/white/green) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈1.00KG
Dimension:	100.0mm x 120.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-DT-DWP

Feature

IP68 dynamic waterproof stainless steel compact format numeric keypad with electronics controller protected by stainless steel housing which can be used outdoor directly, with industrial PCB with carbon-on-gold key switch technology with key stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable stand alone desk top version. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈1.00KG
Dimension:	100.0mm x 120.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A88KP-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with key stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top stainless steel plate with welded studs and water-tight and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	12 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A100-90KP-AC-RP-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.1N, 2.5N±0.2N(pressure point)
Gross Weight:	≈0.56KG
Dimension:	100.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A100-90KP-RP-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with key stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N, 2.5N±0.2N(pressure point)
Gross Weight:	≈0.66KG
Dimension:	100.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A101KP-20-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight rubber sealing gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	82.0mm x 101.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A118KP-DT-DWP

Feature

IP68 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial PCB electronics controller shielded & protected by stainless steel housing, industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable stand alone desk top version. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	19 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈1.00KG
Dimension:	118.0mm x 122.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A118KP-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight for optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	19 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.80KG
Dimension:	118.0mm x 122.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A118KP-FDT-DWP

Feature

IP68 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial PCB electronics controller shield & protected by stainless steel housing, industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, flat movable and stand alone desk top. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	19 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈1.00KG
Dimension:	118.0mm x 122.0mm x 20.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix keypad with fully sealed industrial PCB with socket on the back panel for connecting electronics controller, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) included. Which is good for outdoor application with direct rain and very harsh dim environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.60KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-AC-DWP

Feature

IP65 dynamic waterproof vandal proof Stainless Steel industrial matrix keypad with industrial PCB with socket on the back panel for connecting electronics controller, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top stainless steel plate with welded studs for top panel mounted, with sealing gasket for easy and tight sealing. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.60KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-BL-BT-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, high quality scratch-proof black titanium electroplated on front stainless steel plate and keys, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight included, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.80KG
Dimension:	120.0mm x 98.0mm (L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-BL-DT-DWP

Feature

IP68 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by desk top stainless steel housing, with industrial PCB with carbon-on -gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable/mountable stand alone desk top stainless steel keypad. Industrial Backlight (red/blue/white/ green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈1.00KG
Dimension:	120.0mm x 110.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out, top stainless steel plate with threaded bolts and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.80KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-DT-DWP

Feature

IP68 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by desk top stainless steel housing, with industrial PCB with carbon-on -gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable/mountable stand alone desk top stainless steel keypad. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈1.00KG
Dimension:	120.0mm x 110.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A120KP-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.80KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A134KP-LCD-DWP

Feature

IP65 dynamic waterproof vandal proof Stainless Steel industrial keypad with USB interface LCD display integrated, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise. Top stainless steel plate with thread bolts for top panel mounting solution. Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N(pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm(pressure point)
Gross Weight:	≈0.80KG
Dimension:	134.0mm x 184.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A191-BT-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear panel mounting solution, with mounting holes and water-tight gasket for easy sealing and tightening with cabinet or panel, high quality durable black titanium electroplated on front stainless steel plate. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

Keys:	40 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈1.10KG
Dimension:	191.0mm x 88.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A191-DT-DWP

Feature

IP68 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, stand alone movable desktop version with brushed stainless steel housing. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈1.50KG
Dimension:	211.0mm x 108.0mm x 21.5mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-A191-UT-DWP

Feature

IP65 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by stainless steel housing, with industrial PCB with carbon-on-gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear panel mounting solution with mounting holes and water-tight gasket for easy sealing and tightening with cabinet or panel. Industrial Backlight optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	1.50±0.10mm
Key Lifespan:	>5 million actuations
Actuation Force:	1.5N±0.2N
Gross Weight:	≈1.10KG
Dimension:	191.0mm x 88.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B48-12-KP-AC-BL-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. With Industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	48.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B48-12KP-AC-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight optional (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	48.0mm x 60.0mm (L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B60KP-16-AC-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, high quality durable rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. With Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.30KG
Dimension:	60.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B60-16-KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	60.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B60-16KP-BT-AC-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, high quality durable black titanium electroplated on stainless steel front plate and keys, rear panel mounted solution with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. With Industrial Backlight (red/blue/white/ reen) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.30KG
Dimension:	60.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B60-16-KP-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	60.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B60KP-16-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.30KG
Dimension:	60.0mm x 60.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B64KP-12-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial numeric keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with mounting holes for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	64.0mm x 76.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B68KP-AC-BL-DWP

Feature

IP65 washable vandal proof stainless steel industrial numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out, with Industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	68.0mm x 90.0mm (L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B68KP-AC-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green optional) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	68.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B68KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	68.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B68KP-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	68.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B75KP-20-BL-NV-151B-DWP

Feature

IP65 dynamic waterproof and vandal proof stainless steel military numeric keypad with military grade metal dome PCB, Military metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, blue backlight included, rear panel mount solution with mounting holes. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc. USB interface, customized layout. Designed to Meet MIL-STD-461G (EMC, EMI, EMS, ESD) and MIL-STD-810F (wide temperature, shock, salt mist, vibration, fungus, humidity etc.) Which can also meet the critical military standards in these 10 aspects: reliability, safety, maintainability, testability, supportability, environmental adaptability, stability, compatibility, consistency, and continuity.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.40KG
Dimension:	75.0mm x 92.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	USB
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

CE/FCC/ROHS, MIL-STD-461G-EMC-EMI-EMS-ESD and MIL-STD-810F (high and low wide temperature, low pressure, humidity, vibration, shock, temperature shock, rain, dust, fungus, solar radiation etc.)	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-40℃ ~ +75℃
Storage Temperature:	-45℃ ~ +85℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B75KP-AC-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial Compact Format Numeric keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with threaded bolt and sealing gasket for easy tightly mounting to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.55KG
Dimension:	75.0mm x 73.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B75KP-DWP

Feature

IP65 washable vandal proof stainless steel industrial Compact Format Numeric keypad with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with top stainless steel plate with threaded mounting bolts and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	75.0mm x 73.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B80KP-40-AC-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial matrix keypad with industrial metal dome PCB with socket on the back panel for connecting electronics controller, gold-on-gold key switch technology with short stroke 0.45mm with extremely good tactile feeling for stable and accurate data input, rear stainless steel plate with mounting holes for rear panel mounted. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	80.0mm x 140.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B80KP-40-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial electronics controller included, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	140.0mm x 80.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B85KP-AC-LCD-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix keypad with LCD with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel keys etched out via professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional). Top stainless steel plate with water-tight gasket for easy mounting and tightening to enclosure or panel and with mounting holes on front panel for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh dim environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	2.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	85.0mm x 117.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, industrial backlight optional, (red/blue/white/green optional), top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts under top stainless steel plate for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	106.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-12-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	86.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-12-BL-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	86.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with industrial metal dome PCB with socket on the back for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included. (red/blue/white/green optional), top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts under top stainless steel plate for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	106.0mm x 99.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-AC-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & ruggedized industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, industrial backlight optional (red/blue/white/green optional), with top stainless steel plate with threaded bolt and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	106.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B86KP-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included. (Red/blue/white/green optional), top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts under top stainless steel plate for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	106.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B88KP-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with top stainless steel plate with threaded bolt and sealing gasket for easy tightly mounting to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B88KP-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), with top stainless steel plate with threaded bolt and water-tight gasket for easy mounting and tightening to enclosure or panel.
Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B88KP-AC-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial dot matrix keypad with industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with top stainless steel plate with threaded bolt and sealing gasket for easy tightly mounting to enclosure or panel. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B88KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof and Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with top stainless steel plate with threaded bolt and sealing gasket for easy tightly mounting to enclosure or panel. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	88.0mm x 102.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B88KP-DT-BL-DWP

Feature

IP68 dynamic waterproof and vandal proof and Stainless Steel numeric desktop backlight keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with mounting holes on the back stainless steel housing for wall mounting (optional). Desktop version, industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	12 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈1.00KG
Dimension:	100.0mm x 120.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B90KP-16-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with fully sealed electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green optional) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	90.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B90KP-16-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.55KG
Dimension:	90.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B90KP-16-AC-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green optional) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.55KG
Dimension:	90.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B90KP-16-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with fully sealed electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Industrial Backlight (red/blue/white/green optional) included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	90.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-90KP-AC-BL-RP-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & ruggedized industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), rear panel mounted. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	100.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-100KP-16S-RP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial numeric keypad with fully sealed & ruggedized industrial metal dome PCB with industrial electronics controller shielded and protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, industrial backlight (red/blue/white/green) optional, stainless steel back plate with holes for rear mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 100.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-90KP-BL-RP-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with fully sealed & ruggedized industrial metal dome PCB with industrial electronics controller shielded and protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (Red/blue/white/green optional), rear panel mounted. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-90KP-RP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, rear stainless steel plate with mounting holes for rear panel mounting. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 90.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-91.5KP-RP-IT-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, rear stainless steel plate with mounting holes for rear panel mounting. Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 91.5mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-100KP-16S-AC-RP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & ruggedized industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, industrial backlight (Red/blue/white/green optional), stainless steel back plate with holes for rear mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	100.0mm x 100.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100-100KP-16S-RP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial numeric keypad with fully sealed & ruggedized industrial metal dome PCB with industrial electronics controller shielded and protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, industrial backlight included (Red/blue/white/green optional), stainless steel back plate with holes for rear mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 100.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100KP-15-BL-RP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing, industrial industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), stainless steel back plate with holes for rear mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	15 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	100.0mm x 145.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B100KP-15-AC-BL-RP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & ruggedized industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), stainless steel back plate with holes for rear mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	15 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	100.0mm x 145.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B116KP-LCD-DT-DWP

Feature

IP68 dynamic waterproof vandal proof Stainless Steel industrial keypad with LCD display integrated, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, mountable desktop version with mounting holes. Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈1.10KG
Dimension:	116.0mm x 166.0mm x 30.5mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	RS232
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B120KP-AC-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial dot matrix keypad with industrial metal dome PCB with socket on the back panel for connecting electronics controller, with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts for top panel mounting solution. Industrial backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B120KP-15-AC-BL-FP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & shielded industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), with top stainless steel plate with threaded bolt and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	15 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	120.0mm x 155.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B120KP-15-BL-FP-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with electronics controller included, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), with top stainless steel plate with threaded bolt and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	15 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	120.0mm x 155.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B120KP-24-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial Backlight included (red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	24 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	120.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Optional Configuration	Part Number	Remark
	K-TEK-B120KP-24-AC-DWP	Non-backlight version
	K-TEK-B120KP-24-BL-DWP	PS2/USB/RS232/RS485 interface available
	K-TEK-B120KP-24-DWP	Non-backlight & PS2/USB/RS232/RS485 interface available

Part Number : K-TEK-B120KP-AC-BL-DWP

Feature

IP65 dynamic vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white/green optional), with top stainless steel plate with threaded bolt and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	120.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B123KP-20-AC-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial dot matrix numeric keypad with fully sealed & ruggedized industrial metal dome PCB with socket on the back panel for connecting electronics controller, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (Red/blue/white/green optional), top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	123.0mm x 237.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B120KP-BL-DT-DWP

Feature

IP68 dynamic water proof and vandal proof stainless steel industrial keypad with fully sealed industrial PCB with industrial electronics controller shielded & protected by desk top stainless steel housing, with industrial PCB with carbon-on -gold key switch technology with stroke (1.5mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable/mountable stand alone desk top stainless steel keypad. Industrial Backlight included (red/blue/ white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.85KG
Dimension:	120.0mm x 110.0mm x 30.0mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Optional Configuration	Part Number	Remark
	K-TEK-B120KP-BL-DWP	Top panel mount version
	K-TEK-B120KP-BT-DWP	Non-backlight version & black titanium optional
	K-TEK-B120KP-DT-DWP	Non-backlight version
	K-TEK-B120KP-DWP	Non-backlight & top panel mount version

Part Number : K-TEK-B123KP-20-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (red/blue/white /green optional), top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	123.0mm x 237.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B124KP-UT-IT-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with industrial backlight optional, slim ultra thin design. Top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	124.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B124KP-BL-BT-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out. With industrial backlight included (Red/blue/white optional). Top stainless steel plate with black titanium electroplated & sealing silicon gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts under top stainless steel plate for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	124.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B124KP-BL-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out. With industrial backlight included (Red/blue/white optional). Top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	124.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B126KP-AC-DWP

Feature

IP65 dynamic water proof and vandal proof Stainless Steel industrial keypad with Electronic controller industrial metal dome PCB with socket on the back panel for connecting electronics controller, gold-on-gold key switch technology with short stroke 0.45mm with extremely good tactile feeling for stable and accurate data input. Top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Industrial backlight version optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	126.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B134KP-VFD-BL-DWP

Feature

IP65 dynamic waterproof vandal proof Stainless Steel industrial keypad with RS232 interface, VFD display integrated, industrial electronics controller shielded and protected via stainless steel housing , industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included, (red/blue/white/green) optional. Top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	134.0mm x 160.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	RS232
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B130KP-AC-LCD-BL-DWP

Feature

IP65 dynamic waterproof vandal proof Stainless Steel industrial matrix keypad with dot matrix LCD display integrated, industrial dot matrix numeric keypad with industrial metal dome PCB with socket on the back for connecting electronics controller,industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included, (red/blue/white/green) optional. Top stainless steel plate with 4 mounting holes for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	16 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.50KG
Dimension:	130.0mm x 130.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B137KP-24-BL-ML-151B-DWP

Feature

IP65 dynamic waterproof and vandal proof stainless steel military numeric keypad with military grade metal dome PCB, Military metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, white backlight included, top stainless steel plate with welded studs and water-tight gasket for easy mounting and tightening to enclosure or panel with top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc. USB interface, customized layout. Designed to Meet MIL-STD-461G (EMC, EMI, EMS, ESD) and MIL-STD-810F (wide temperature, shock, salt mist, vibration, fungus, humidity etc.) Which can also meet the critical military standards in these 10 aspects: reliability, safety, maintainability, testability, supportability, environmental adaptability, stability, compatibility, consistency, and continuity.

Mechanical Data

Keys:	24 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.65KG
Dimension:	137.0mm x 103.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	USB
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

CE/FCC/ROHS, MIL-STD-461G-EMC-EMI-EMS-ESD and MIL-STD-810F (high and low wide temperature, low pressure, humidity, vibration, shock, temperature shock, rain, dust, fungus, solar radiation etc.)	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-40℃ ~ +75℃
Storage Temperature:	-45℃ ~ +85℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B138KP-28-AC-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial dot matrix keypad with industrial metal dome PCB with socket on the back panel for connecting electronics controller, with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, Rear panel mounted solution with mounting holes along the back plate and silicone gasket for easy and tight sealing and mounting to enclosure or panel, Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	28 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.60KG
Dimension:	83.0mm x 138.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B138KP-28-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing. Industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, with industrial backlight optional. Rear panel mounted solution with mounting holes along the back plate and silicone gasket for easy and tight sealing and mounting to enclosure or panel, Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	28 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	138.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B138KP-28-BL-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial keypad with industrial electronics controller shielded and protected via stainless steel housing. Industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight included (Red/blue/white/green optional). Rear panel mounted solution with mounting holes along the back plate and silicone gasket for easy and tight sealing and mounting to enclosure or panel, Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	28 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	138.0mm x 83.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B139KP-20-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial numeric keypad with industrial metal dome PCB with industrial electronics controller shielded, with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts for top panel mounting solution. Industrial backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	139.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B139KP-20-AC-DWP

Feature

IP65 dynamic waterproof and vandal proof Stainless Steel industrial dot matrix keypad with industrial metal dome PCB with socket on the back panel for connecting electronics controller, with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with sealing gasket for easy & tight sealing and mounting to enclosure or panel, with threaded bolts for top panel mounting solution. Industrial backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	139.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B140KP-BL-NV-151B-DT-DWP

Feature

IP68 dynamic waterproof and vandal proof Stainless Steel Military numeric keypad with military grade metal dome PCB, Military metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, white backlight included, movable desktop keypad or desktop keypad with mounting holes optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc. USB interface, customized layout. Designed to Meet MIL-STD-461G (EMC, EMI, EMS, ESD) and MIL-STD-810F (wide temperature, shock, salt mist, vibration, fungus, humidity etc.). Which can also meet the critical military standards in these 10 aspects: reliability, safety, maintainability, testability, supportability, environmental adaptability, stability, compatibility, consistency, and continuity.

Mechanical Data

Keys:	22 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	140.0mm x 106.0mm x 21.5mm(L x W x H)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	USB
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

CE/FCC/ROHS, MIL-STD-461G-EMC-EMI-EMS-ESD and MIL-STD-810F (high and low wide temperature, low pressure, humidity, vibration, shock, temperature shock, rain, dust, fungus, solar radiation etc.)	
Protection Level:	IP68
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-40℃ ~ +75℃
Storage Temperature:	-45℃ ~ +85℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B148KP-20-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial numeric keypad with electronics controller protected by stainless steel housing which can used in outdoor directly, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input. Top stainless steel plate with 6 mounting holes for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.80KG
Dimension:	148.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	PS2, USB, RS232, RS485 available
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B148KP-20-AC-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial compact format numeric keypad with dot matrix which can used in outdoor directly, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input.Top stainless steel plate with 4 mounting holes for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	20 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.70KG
Dimension:	148.0mm x 98.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B191-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial compact format numeric keypad with electronics controller protected by stainless steel housing which can used in outdoor directly, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Backlight version optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈1.10KG
Dimension:	191.0mm x 88.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈30mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B191-BL-AC-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial matrix keypad. Compact format industrial dot matrix numeric keypad with industrial metal dome PCB with socket on the back for connecting electronics controller, gold-on-gold key switch technology with short stoke 0.45 mm with excellent tactile feeling for stable and accurate data input. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with white backlight included, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈0.90KG
Dimension:	191.0mm x 88.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈100mA
Connect Interface:	Dot matrix
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

Part Number : K-TEK-B191-BL-DWP

Feature

IP65 dynamic washable vandal proof stainless steel industrial compact format numeric keypad with industrial electronics controller shielded and protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with white backlight included, rear stainless steel plate with mounting holes and water-tight gasket for easy mounting and tightening to enclosure or panel. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

Keys:	40 keys
Key Travel:	0.45±0.05mm
Key Lifespan:	>1 million actuations
Actuation Force:	3.5N±0.2N
Gross Weight:	≈1.10KG
Dimension:	191.0mm x 88.0mm(L x W)

Electrical Data

Supply Voltage:	DC +5V±5%
Working Current:	≈150mA
Connect Interface:	USB/PS2 optional
OS:	All Windows, Linux, Unix, Mac OSX, Vxworks, Android

Reliability

RoHS Compliant, CE , FCC, ESD	
Protection Level:	IP65
MTBF:	>20000H
MTTR:	<30min
Operating Temperature:	-20℃ ~ +65℃
Storage Temperature:	-30℃ ~ +75℃
APPLICATION:	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.

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