



KINGLEADER TECHNOLOGY COMPANY

3rd Floor,Zone C,Jin Fu Shun Science Park,Le Zhu Jiao,Huang Ma Bu,
Hang Cheng Subdistrict,Bao'an District,Shenzhen,Guangdong,China
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Model No: MKB-FN103-TB-DT



Items	Specifications
Product Description	<ul style="list-style-type: none">- This desktop metal keyboard combines function keys,OPTICAL trackball and numeric keypad in one single case
Key Features	<ul style="list-style-type: none">- Desktop style,no mounting needed,enjoy the convenience of mobility- 103 keys including 12 function keys F1~F12- Two separate short space-bars- With integrated OPTICAL trackball- Protruding full travel(2.0mm)keys with etched graphics, excellent tactile feedback- Etched graphics with permanent ink- Specially designed to operate in harsh environments, making it ideal for the applications in harsh environment.- Exposed parts built from stainless steel,high resistance against rust,corrosion and vandalism.- Completely sealed to meet IP65 up to IP68 requirement.- PS/2 or USB interface for option- Customizable layout/characters upon customer's request.
Material	<ul style="list-style-type: none">- Case & Keys: Brushed stainless steel- Trackball(dia:38mm):Stainless steel
Electrical Data	<ul style="list-style-type: none">- Power supply voltage: DC 5 V \pm 5%- Current rating: 20 mA- Interface: USB or PS2- EMC compliant.



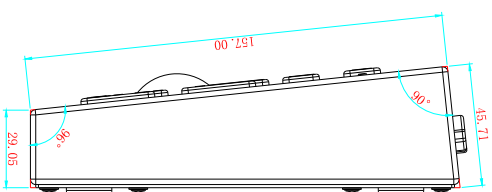
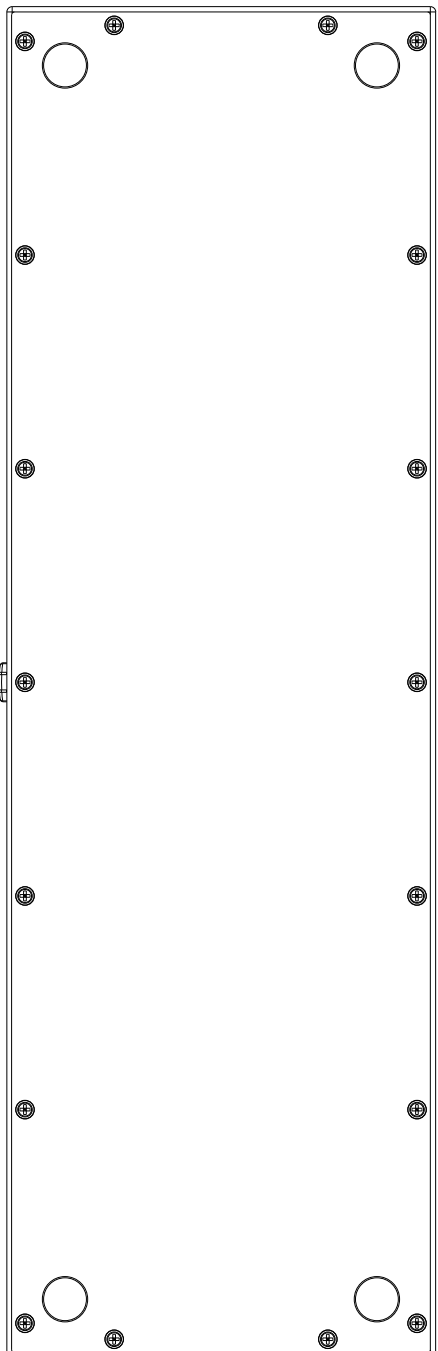
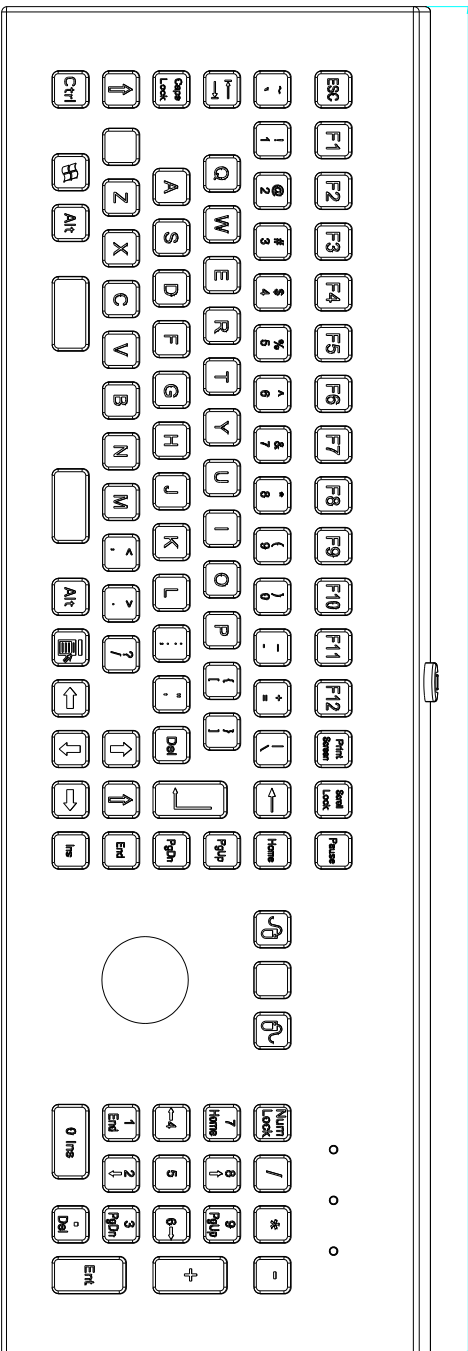
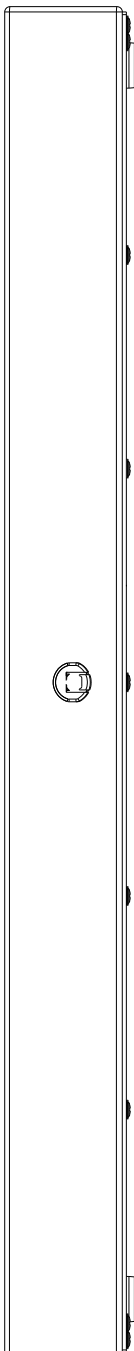
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Items	Specifications
	Emission: EN 50081-1 Immunity: EN 50082-1 - FCC: Part 15, class B - Safety: EN 60950, CE compliant
Environmental Characteristics	- Operating temperature: -20 °C to + 60 °C - Storage temperature: - 40 °C to + 80 °C - Saline mist: 96 hours, IEC 60512-6 - Damp heat test at + 40 °C: 21 days, IEC 60512-6 - Dry heat test at + 85 °C: 10 days, IEC 60512-6
Mechanical Data	- Actuation force for key: 120 ± 15 g - Key travel: 2.0mm - Lifetime (cycles): Min 5, 000, 000 actuations - Sealing protection: IP65/NEMA4X from the front - Vibration resistance: 5 Hz - 200 Hz, IEC 60512-4 - Shock resistance: 3 axis 150 m/s^2 - 11 ms, IEC 60512-4
Compatible Operation System	- PS2: Win NT4, 98SE, 98ME, 2000, XP - USB: Win 98SE, 98ME, 2000, XP, Mac OS9 / OSX, Win7/8.1/10/11, Linux
Reliability	-MTBF:>20,000 hours -MTTR:<30 minutes
Certification	-FCC,CE,RoHS
Dimension	- Dimension: 506.00 x 157.00 x 45.71mm(LxWxH)
Weight	-2.8kgs

拉丝方向



标记版本	册号	日期	批准
1.1.0	开发生产	2019-10-25	

SIZE CLASS	Tolerance	签名	日期
<=30	±0.15	徐超	2019-10-25
30~60	±0.10	李强	
60~180	±0.25	批文	
180~315	±0.32	规范为第一第三角视图	
315~500	±0.40		
材料: 详见生产规范		深圳市金利得科技有限公司 KINLEDEH TECHNOLOGY COMPANY	产品名称: 金属键盘
图号: KJ20191002		图例 零件名称: M1	物料: KJ20191002SK
图例 重量 (kg):	数量: 1套	单位: 批文: 1:1:1	共 1 页 第 1 页