



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司

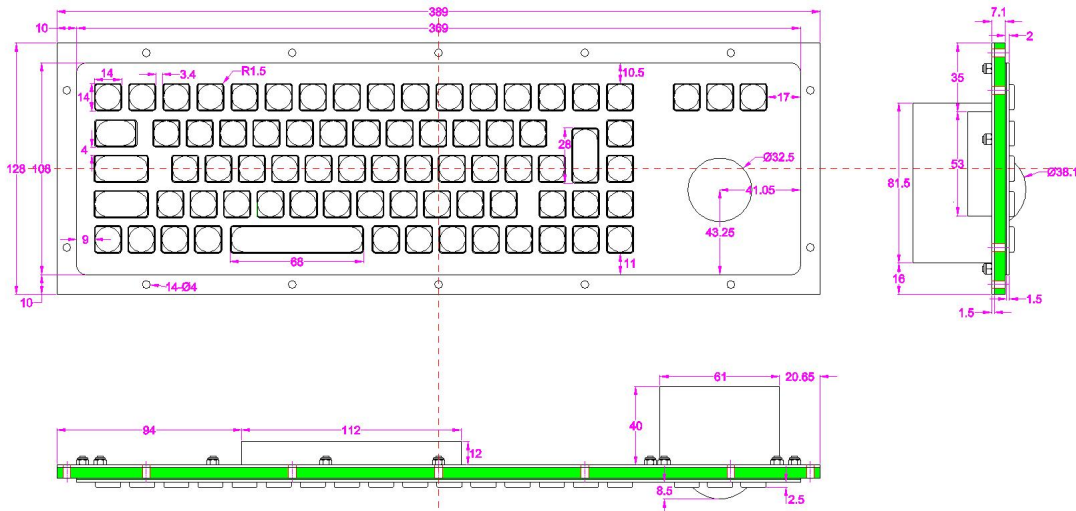


Head Office: B702, Building 1, Tianan Cyber Park, Huang Ge North Road, Longcheng Subdistrict, Long Gang District, ShenZhen, Guang Dong, P.R. China
 Factory ADD.: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan, Guang Dong, P.R. China
 Tel: +86 755 89239859, +86 755 89230460
 Fax: +86 755 89312576
 E-mail: info@key-tek.cn, sales01@key-tek.cn
 Website: www.rugged-system.com, www.rugged-key.com

MODEL NO.: K-TEK-M380-OTB-BT-IL-DWP

DESCRIPTION: 76 keys IP65 dynamic vandal proof industrial and military keyboard with individual durable and robust polymer keys. With IP68 dynamic washable 38.0mm **Stainless steel optical trackball module** with +800DPI high resolutions for fast and accurate cursor position. Robust **Silver harden resin optical trackball is optical**. Industrial PCB with carbon-on-gold key switch technology with key stroke(1.20mm±0.10mm) with extremely good tactile feeling for fast and accurate input without any noise, high quality durable black titanium electroplated on the top stainless steel plate included. Stainless steel rear plate and sealing gasket with mounting holes for real panel mounting. **FN + CLEAN key to lock/disable the keyboard** for easy cleaning without taking away the keyboard from PC, which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

Dimensions: 369.0mm x 108.0mm (front panel)





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MECHANICAL DATA

Keys	76 keys(Including 3 mouse buttons), durable and robust polymer keys
Keys travel	1.20mm±0.10mm
Keys Size	14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 68.0mm for space bar
Actuation Force	2.0±0.2N for key 14.0mm x 14.0mm (pressure point), 3.5±0.2N for key 14.0mm x 28.0mm (pressure point)
Switch life	more than 5 million of operations
Front Plate	1.5mm super quality stainless steel plate with durable Black Titanium Electroplated
Back Plate	1.5mm super quality stainless steel plate
Track ball:	IP68 dynamic washable 38.0mm Silver Harden Resin optical trackball module, Stainless steel optical trackball module is optional.
G.W.	2.0 KGS

ELECTRICAL DATA

Supply Voltage	DC +5V±5%
Current Rating	100mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Switch Contact Material	Carbon-on-Gold key switch technology PCB
Interface	PS2, USB available
Cable length	Standard length at 2.0M. Other cable length is available.
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos to be confirmed).

ENVIRONMENTAL ADAPTABILITY

Operating temperature	-20°C to +65°C
Storage temperature	-30°C to +75°C
Operating RH	30-90%
Atmospheric pressure	60-106Kpa
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





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RELIABILITY

RoHS Compliant, CE and FCC, ESD

Protection Level	IP65 dynamic
Vandal resistant	IK09
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Vehicle, aerospace, naval, defense, maritime, Radar, console, portable rugged laptop, UAV ground station etc.

