



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司

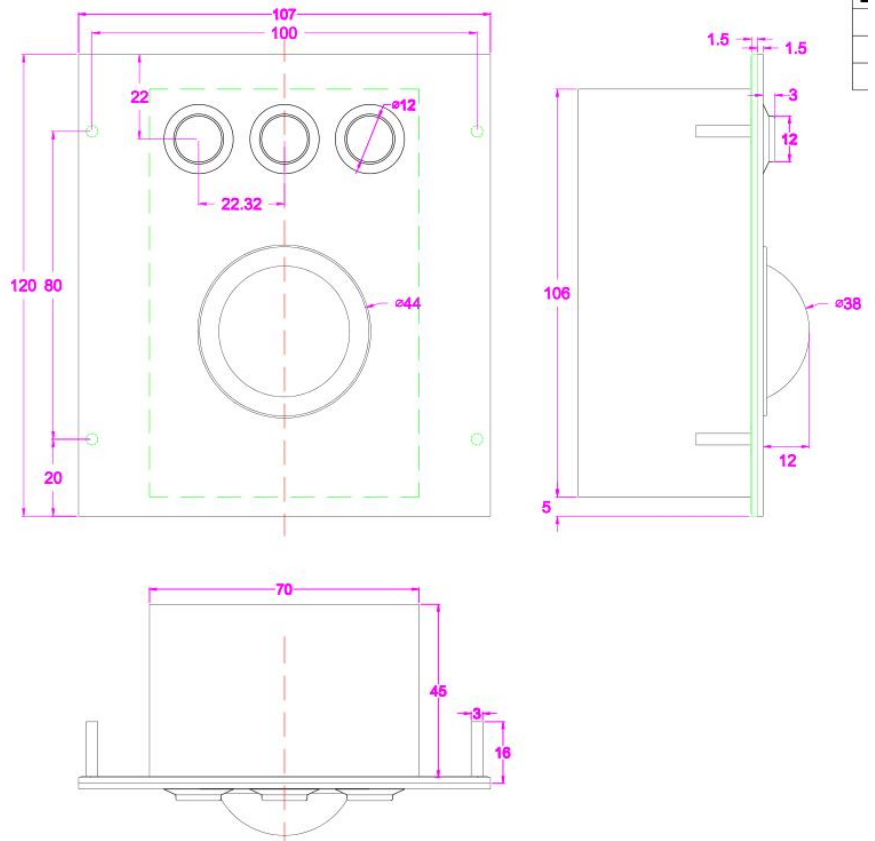


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MODEL NO.: K-TEK-B107-38-OTB-DWP

DESCRIPTION: IP65 dynamic rated vandal proof stainless steel optical trackball with IP65 dynamic sealed & ruggedized stainless mouse buttons and IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with +800 DPI resolutions for fast and accurate fixing cursor position with extreme smooth operation without any noise, optical trackball module protected and shielded by stainless steel housing, 3 sealed stainless steel mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, stainless steel top plate 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, no rust risk and anti-salt spray corrosion.

DIMENSIONS: 107.0mm x 120.0mm (top panel)





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MAIN FEATURE:

- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting and no noisy operation.
- Optical Encoders provide high resolution more than +800DPI, fast and reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, quick and durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- can be mounted horizontally, and vertically or any directions.
- no metal bearings inside, operation is very smooth, and easy without any noise.

TECHNICAL SPECIFICATION

ITEM		SPECIFICATION
Mechanical	Key	3 keys, quality brushed stainless steel
	Key top style	sealed round stainless steel buttons with tactile feeling
	Front Plate	Quality brushed stainless steel
	Key Travel	1.40 mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 50mm also available)
	Key switch lifespan	more than 1 Mio actuations
	Track ball lifespan	> 2 millions scrolling
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	2.5N ± 0.2N
	Mounting Rack	top stainless steel plate with mounting screw bolts
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	DC +5V ± 5%
	Protection level	IP65 dynamic , IK09
	EMC Standard	EN 55032:2015, EN 55035:2017
	Power consuming	≤1.00W(dynamic)
≤0.2W(static)		





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Environmental	Operating temperature	-20°C~+ 65° C
	Storage temperature	- 30°C~+ 75°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS compliant, CE and FCC certified, ESD
	MTBF	>20000H
	MTTR	< 30min
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed)	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	
Application	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.	

