



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司



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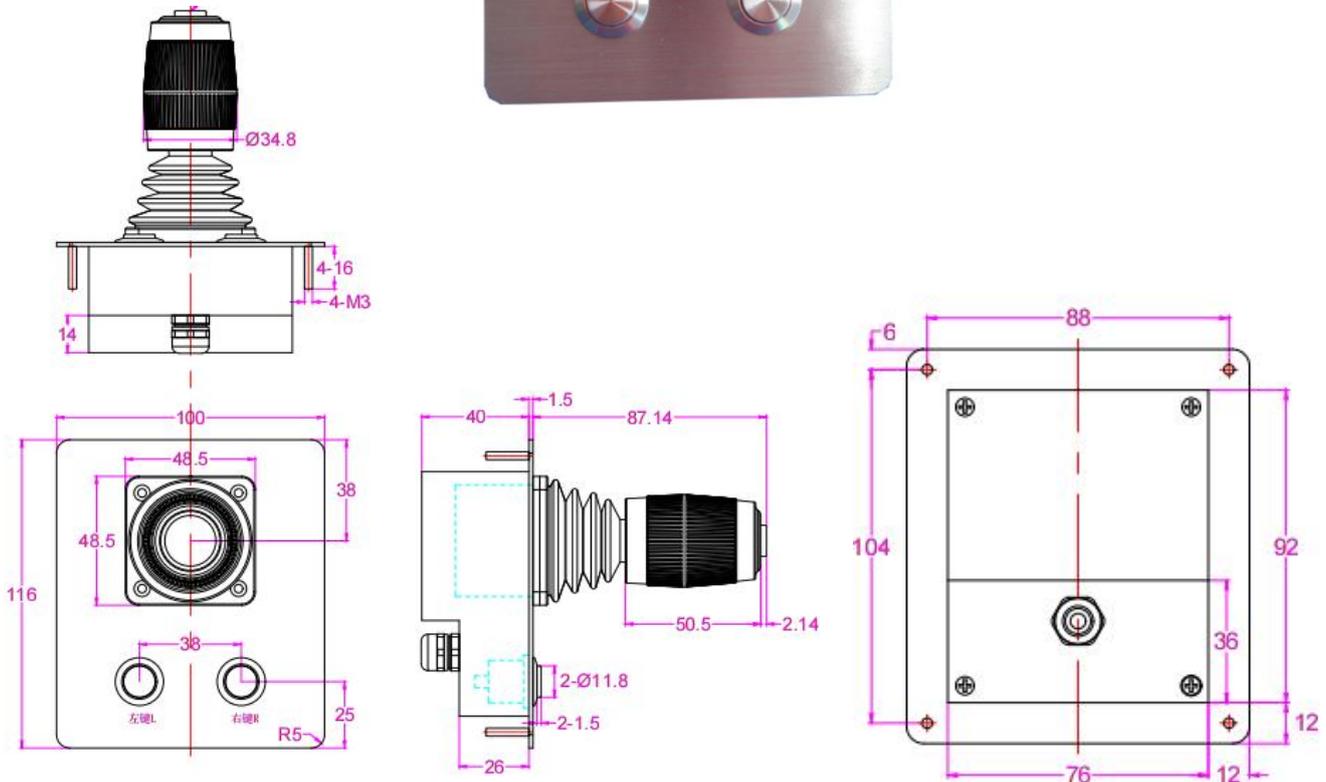
E-mail: info@key-tek.cn, sales01@key-tek.cn

Website: www.key-tek.cn, www.rugged-key.com

Model NO: K-TEK-B100-JS

DESCRIPTION: IP54 ruggedized joystick with stainless steel plate and 2 sealed stainless steel mouse buttons (optional) for right and left clicking, the whole electronic controllers protected and shielded by stainless steel housing. The joystick provides users with a 3-axis joystick function, and can control the output of X (left and right) and Y axis (front and rear) by moving the handle in any direction by ($25^\circ \pm 2^\circ$); and surely control the Z axis output by rotating ($40^\circ \pm 3^\circ$). **Mouse function optional.** With one button on the top of the joystick (2 buttons optional), it can be set as left mouse button or right button before ex-factory. USB interface, top panel mounted solution with threaded bolts.

Dimension: 100.0mm x 116.0mm x 41.5mm (L x W x H)





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MECHANICAL DATA

Button	2 mouse buttons (optional) +1 button on top of joystick
G.W.	0.5KG
Dimension	100.0mm x 116.0mm x 41.5mm (L x W x H)
X, Y axis operation strength	0~5 N, Ultimate damage strength 12 N
Z axis rotation torque	0~4 N, Maximum torque must not exceed 8 N
Material	high quality SUS304 brushed stainless steel, ABS
Joystick function	Mouse protocol or joystick protocol

ELECTRICAL DATA

Supply Voltage	DC +5V±5%
Current Rating	100mA
EMC Standard	EN 55032:2015 EN 55035:2017
Interface	USB2.0
OS	All systems that support HID devices

ENVIRONMENTAL ADAPTABILITY

Operating temperature	-40°C to +75°C
Storage temperature	-45°C to +85°C
Operating RH	30-90%
Atmospheric pressure	60-106Kpa

RELIABILITY

RoHS Compliant, CE and FCC	
Protection Level	IP54
Key Lifespan	>0.2 million actuations for joystick, >1 million actuation for mouse buttons
MTBF	>20000H
MTTR	<30min
APPLICATION	Vehicle, aerospace, navy, maritime, Radar, console, navigation controls etc.

