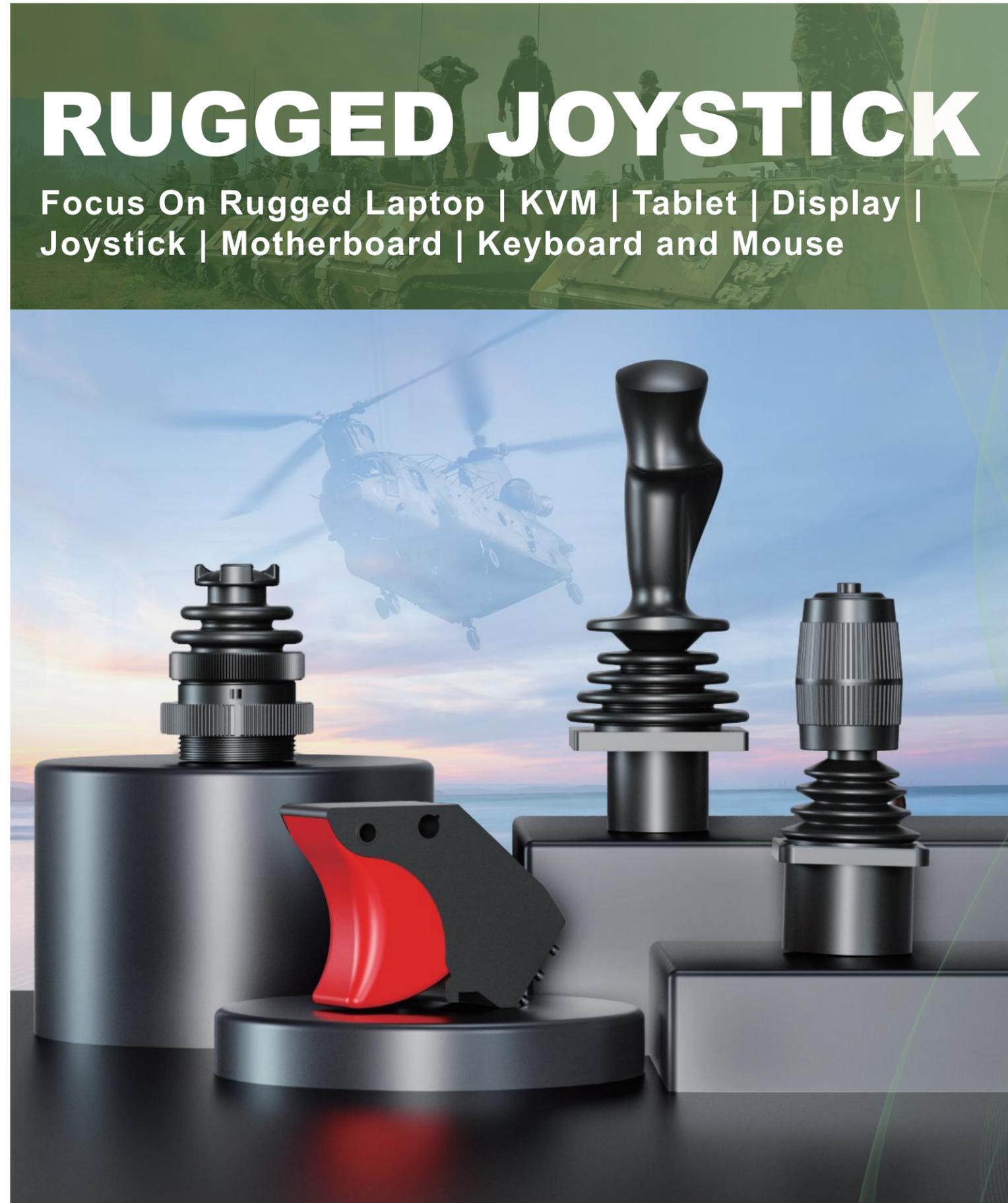


RUGGED JOYSTICK

Focus On Rugged Laptop | KVM | Tablet | Display |
Joystick | Motherboard | Keyboard and Mouse



Telephone: +86-755-89230460, +86-755-89253893
Webpage: www.rugged-system.com, www.rugged-key.com
Email: sales01@rugged-system.com, sales05@rugged-system.com
Head Office Add: B702, Building 1, Tian'an Cyber Park, HuangGe North Rd, Long Gang District,
ShenZhen, Guang Dong Province, P.R.China. Zip Code: 518172
Factory Add: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section,
Dongshen Road, Fenggang Town, DongGuan, Guang Dong Province, P.R.China. Zip Code: 523703



COMPANY PROFILE

Key Technology China Limited, established in 2006, is an ISO9001-2015 and GJB9001C-2017 registered enterprise and leading manufacturer engaged in research, development, sale and service of all kinds of rugged keyboards/input devices for harsh environments covering industrial/military/navy/aerospace/marine/medical/coal & mine/oil and gas/transportation/public access etc. applications. With around two decades of professional technical expertise and a dedicated R&D team, we have expanded our capabilities by establishing Key Technology Rugged System LTD in 2020, a subsidiary focused on delivering high-performance rugged computing solutions, including:

- Rugged Laptops & Servers
- Rugged Displays & Tablets
- Rugged KVM
- Motherboards
- Customized Embedded Systems

Tailed to your needs, our products stand for durability, reliability and cost efficiency, which are engineered to withstand extreme conditions and meet the increased demands of field use, regardless of industry. Committed to reliability under harsh environments, both companies synergize to provide end-to-end ruggedized HMI and delivery cutting-edge computing solutions for global industries. To ensure the quality and reliability of our products, Key Technology Rugged System Ltd manages the entire product development process in-house. From design and prototyping to manufacturing and testing, every step is carefully controlled and monitored to meet rigorous industry standards.



01 COMPANY CERTIFICATE



Company Certificate

ISO9001-2015



High tech Enterprise Certificate



02

APPLICATION AREA

THE RIGHT SOLUTION FOR EVERY INDUSTRY



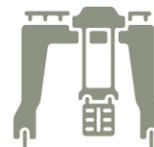
Construction Machine



Ship



Rails



Logistics



Offshore



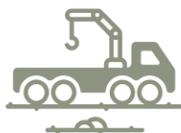
Medicine



Industry



Energy



Transport



Automation



Agricultural



Mining

01 FINGERTIP JOYSTICK



RGD-JSK-HC-1U3C

- **Materials:** ABS
- **Operating temperature:** -40 °C to +70 °C
- **Shake (X, Y axis) operation force:** 0~5N



RGD-JSK-HC-2A2

- **Materials:** ABS
- **Protection Level:** IP67
- **Operating temperature:** -40 °C to +70 °C
- **Shake (X, Y axis) operation force:** 0~5N



K-TEK-B100-JS

- **Materials:** ABS
- **Protection Level:** IP65
- **Operating temperature:** -40 °C to +70 °C
- **Shake (X, Y axis) operation force:** 0~5N



K-TEK-B100-JS-BT

- **Materials:** ABS
- **Protection Level:** IP65
- **Operating temperature:** -40 °C to +70 °C
- **Shake (X, Y axis) operation force:** 0~5N



K-TEK-HC-5A20

- **Materials:** Aluminum alloy (black)
- **Rotation angle:** $18^{\circ} \pm 2^{\circ}$
- **X, Y axis operation strength:** 1~5 N
- **Operating temperature:** -40°C to $+70^{\circ}\text{C}$



K-TEK-HC-5A30

- **Materials:** Aluminum alloy (black)
- **Rotation angle:** $18^{\circ} \pm 2^{\circ}$
- **X, Y axis operation strength:** 1~5 N
- **Operating temperature:** -40°C to $+70^{\circ}\text{C}$



K-TEK-HC-5U2E

- **Materials:** Aluminum alloy (black)
- **Rotation angle:** $25^{\circ} \pm 2^{\circ}$
- **X, Y axis operation strength:** 0~5 N
- **Operating temperature:** -25°C to $+55^{\circ}\text{C}$



K-TEK-SMC30

- **Materials:** Stainless steel + Aluminum alloy
- **Protection level:** IP65
- **Power consumption:** <9-25MA
- **Operating temperature:** -40°C to $+70^{\circ}\text{C}$
- **Operation range:** XY: ± 20 degrees, Z: ± 30 degrees



02 THUMB JOYSTICK



RGD-JSK-AP-1

- **Materials:** ABS
- **Operating temperature:** -40°C to +70°C
- **Electrical specifications:** Self-reset micro switch, 400mA@28VDC



RGD-JSK-AP-2

- **Materials:** ABS
- **Current:** ≤ 50mA
- **Control range (self-reset):** 25° ± 2°
- **Signal output: Voltage:** 0~5VDC ± 5%
- **Operating temperature:** -40°C to +70°C



RGD-JSK-AP-3

- **Materials:** Aluminum alloy (baked black paint)
- **Operating temperature:** -40°C to +70°C
- **Electrical specifications:** Self-reset micro switch, 50mA@12VDC



RGD-JSK-HC-2A2E

- **Materials:** ABS
- **Current:** ≤ 50mA
- **Control range (self-reset):** 25° ± 2°
- **Signal output: Voltage:** 0~5VDC ± 5%
- **Operating temperature:** -40°C to +70°C



K-TEK-M129-JS-2A2E-3B-NV-151B

- **Current:** 30mA
- **Protection Level:** IPX6
- **Operating temperature:** -40°C to +70°C



03 HAND JOYSTICK



RGD-JSK-GBC1S260000A

- **Materials:** Aluminum alloy + Cold rolled steel
- **Input voltage:** 24VDC \pm 5%
- **Operating temperature:** -40 °C to +80 °C
- **Output voltage:** Left-right direction (X axis): (0~12V~24VDC) \pm 5%VDC, Front-back direction (Y axis): (0~12V~24VDC) \pm 5%VDC



RGD-JSK-GC-LU3H

- **Materials:** Aluminum alloy + Cold rolled steel
- **Current:** \leq 50mA
- **Handle operating force:** 0~3N
- **Operating temperature:** -40 °C to +70 °C



RGD-JSK-GBC2S260000A

- **Materials:** Aluminum alloy + Cold rolled steel
- **Handle operating force:** 0~10N
- **Operating temperature:** -40 °C to +85 °C
- **Output voltage:** Front and back (Y axis), left and right (X axis) 0~2.5~5V \pm 5%



RGD-JSK-GC-MU64FHP

- **Materials:** Aluminum alloy (black paint)
- **Current:** \leq 50mA
- **Handle operating force:** 0~3N
- **Operating temperature:** -40 °C to +70 °C



RGD-JSK-GBC4-L2A3H

- **Materials:** Aluminum alloy + Cold rolled steel
- **Operating temperature:** -40 °C to +70 °C
- **Rocking (X, Y axis) operating strength:** 0~10N
- **Output voltage:** From back to front/from left to right: 0~2.5~5V, Error: \pm 0.2V, Midpoint voltage: 2.5 \pm 0.1V



RGD-JSK-GC-N87H

- **Materials:** Aluminum alloy (black paint)
- **Protection level:** IP65
- **Handle operating force:** 0~3N
- **Operating temperature:** -40 °C to +70 °C



RGD-JSK-GC-PS7B

- **Materials:** ABS
- **Input voltage:** 9~24V
- **Cable length:** 80 ± 5cm
- **Operating temperature:** -30 °C to +70 °C



RGD-JSK-GC-SS4

- **Materials:** Aluminum alloy (black paint)
- **Protection level:** IP67
- **Cable length:** ≥ 500mm
- **Output cable specification:** 26AWG
- **Operating temperature:** -30 °C to +85 °C



K-TEK-GBC4-C2U2T-ZK

- **Materials:** Aluminum alloy + Cold rolled steel
- **Protection level:** IP65
- **X, Y axis operation strength:** 0~10 N
- **Operating temperature:** -40 °C to +70 °C



K-TEK-GBC4-L2U3F

- **Materials:** Aluminum alloy + Cold rolled steel
- **Protection level:** IP65
- **Current Rating:** 50mA
- **Operating temperature:** -40 °C to +70 °C
- **Shaking (X, Y axis) operating strength:** 0~10N

04 DESKTOP JOYSTICK



RGD-JSK-CB-4081

- **Materials:** Aluminum alloy and industrial plastic
- **Lifespan:** 10 years, 0.5 million actuations
- **Input voltage:** V+:9~32VDC, VCC:+5V
- **Operating temperature:** -20 °C to +60 °C

