

AK-39

Rugged Wearable Keyboard

iKey's rugged AK-39 keyboard is designed to be worn on the arm, providing a simple, compact data-input solution that does not restrict the user's arm movements. It is designed to meet MIL-461 standards and is intended for use in very harsh electro magnetic interference (EMI) environments. The AK-39's small-footprint design features essential components for military and public safety applications, including an integrated Force Sensing Resistor™ (FSR) pointing device with left- and right-click functionality, and adjustable green LED backlighting that is also available in a night vision (NVIS) compatible configuration. Designed with gloved users in mind, the AK-39's snap-on faceplate eliminates accidental key strokes and can be easily removed to clean the pad.



Technical Specifications

Certifications

UL60950

Key Switch

MATERIAL: Industrial Silicone Rubber
 LIFE: Greater than 10 Million Cycles
 TRAVEL: 0.055 in.
 ACTUATION FORCE: 230 g +/- 30 g)
 FEEDBACK: Tactile with Mechanical Snap

Power

USB: 190 mA@5V (from CPU port)

Temperature Range

STORAGE: -40C to +75C
 OPERATING: -40C to +70C

Humidity

100% Humidity Resistant

Shock

3 x 11 ms pulses of 50g on each of 3 axis

Vibration

POWER SPECTRAL DENSITY: .04g/HZ
 FREQUENCY RANGE: 20Hz-2Khz
 DURATION OF TEST PER AXIS: 3 hours

Weight

0.50 lbs (0.23 kg)

Dimensions

6.65" x 3.06" x 0.81" (w-h-d)
 168.9mm x 77.7mm x 20.6mm

Cable

LENGTH: 5.4' straight (1.6 m)
 DESIGN: Single cable USB

Compatibility

USB: All Windows and Macintosh OS

Warranty

1 Year Limited Warranty

Model Numbers

AK-39

Features and Benefits

- Integrated FSR pointing device
- 6.65" x 3.06" x 0.81" (w-h-d)
- Optional NVIS Compliant - Green B backlighting
- USB configurations available
- Wearable design