MIC-K8903

Silicone Rugged Keyboard with Touchpad, Panel Mount

Features

- Silicone Keyboard with Function Keys

- Touchpad with Left/ Right Click Button

- 12 Function Keys

- Red Backlight On/ Off Operation (Brightness Adjustable)

- USB Interface

- Panel Mounted with Mounting Holes

- IP67, Resistance in Salty or Greasy Environments

Appearance

MIC-K8903

Silicone Rugged Keyboard with Touchpad, Panel Mount

Revision Table

Date	Revision	Content	By
2025/4/12	0.1	First Draft	Dennis

TOGETHER BEYOND THE SUMMIT

MIC-K8903

Silicone Rugged Keyboard with Touchpad, Panel Mount

Specification

Number of keys	89
Key Switch	Carbon Switch Technology
Switching Cycles	More than 5 Million Actuations
Material	Silicone
Backlight	Red LED
Touchpad	Capacitive type, X/Y Resolution: >1,000 dots/inch (40 dots /mm)
Power Supply	5V DC +/-5%
Interface	USB 2.0
Compatibility	All Windows, Linux, Mac
Dimensions	285.0 x 179.7 mm (Front Panel)
Weight	0.7kg
Other	Functional Keys Activation & Keys Lock Operation Antimicrobial One-Pece Silicone Cover with Nano-Ag

Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-40°C to +70°C
Humidity	Suggested Best Environment: 90%@40°C, 5% to 95%RH, Non-Condensing
Shock & Vibration	MIL-STD-810G
Protection Rating	IP67
EMC Standard	EN 55032:2015, EN 55035:2017 Design to meet MIL-STD-461E & JSS55555
Other	Resistance in Salty or Greasy Environments

Environmental performance may vary according to the integration method or final integration scenario.

MIC-K8903

Silicone Rugged Keyboard with Touchpad, Panel Mount

Deliverables

1	Silicone Rugged Keyboard with Touchpad, Panel Mount

Ordering Information

Model Name	Description	Unit
MIC-K8903	Silicone Rugged Keyboard with Touchpad, Panel Mount	1
MIC-K8903-1U	Silicone Rugged Keyboard with Touchpad, Panel Mount – 19" Rack Mount Drawer Integration	

MIC-K8903-1U

Silicon Rubber Keyboard with Touchpad, Panel Mount, Military Standard – 19" Rack Mount Drawer Integration

MIC-K8903-1U Specification

Computer Connections	1
Control Port (Keyboard/ Mouse)	1x DB9F
PC Port (Keyboard/ Mouse)	1x USB-A 1x 6P Mini-DIN F (Purple) 1x 6P Mini-DIN F (Green)
Cable Length	1800mm
Humidity	0-80% RH, non-condensing
Weight	4kg
Material	Metal
Product Dimension	440 x 355 x 42.5mm

MIC-K8903-1U Appearance

Disclaimer

This datasheet is for informational purposes only and does not constitute professional advice, a contractual obligation, or a guarantee of any kind. While efforts have been made to ensure accuracy, ACT POWER TAIWAN makes no representations or warranties, express or implied, regarding its completeness or reliability. ACT POWER TAIWAN reserves the right to update, modify, or withdraw this document at any time without prior notice. Users should verify the suitability of the product for their specific application through independent testing and validation. ACT POWER TAIWAN shall not be liable for any direct, indirect, or consequential damages arising from the use of this document. This document is governed by the laws of Taiwan, and any disputes shall be subject to the exclusive jurisdiction of the Taiwan courts.