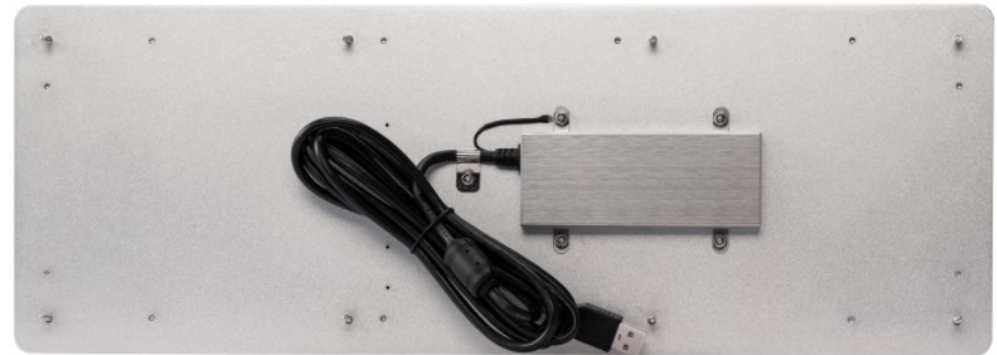




Product Specifications

Panel Mount Membrane Cover Metal Keyboard W ith Touchpad

Model: D-1603



Main Feature

- Built from Surface membrane+Aluminum base
- 90+2 keys, Front-side integration with integrated touchpad
- Short-Travel Keys
- Vandal-proof,Dust-proof and liquid-proof, IP66 rated
- Chemical, abrasion and scratch resistant frontsheet
- USB interface
- left and right mouse buttons
- Excellent tactile feedback
- Can be customized different language layout
- Specially designed to operate in harsh industrial environments

Dimension

- Front panel 420 x150mm

Material

- Front panel & Keys: Membrane
- Back Panel: Aluminum

Electrical Data

- Voltage: DC 5 V $\pm$ 5%
- Current rating:30 mA
- EMC Standard EN 55032:2015: EN 55035:2017
- EMI: EN 55032:2015/AC:2016
- EMS: EN 61000:2017
- FCC: Part 15:2010
- Safety: EN 61000:2019, CE compliant
- Lifespan > 5 years

Environmental Characteristics

- Operating temperature: -40°C to + 70°C
- Storage temperature: - 40°C to + 80°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.
- Saline mist: 96 hours, IEC 60512-6
- Damp heat test at + 40°C: 21 days, IEC 60512-6
- Dry heat test at + 85°C: 10 days, IEC 60512-6

Mechanical Data

- Key Size: 14 x 14mm for normal keys
- Key travel: 0.4mm
- RoHS Compliant, CE and FCC, ESD
- Protection Level: IP66(front panel)
- Vandal resistant IK07
- Key Lifespan >2 million actuations
- MTBF >20000H
- MTTR <30min

Compatible Operation system

- All Windows, Linux, Unix, Mac OSX, Android

Touchpad:

Touchpad cover: Composite

Motion Detection

Method: capacitive

Resolution: 40 counts / mm

more than Lifetime 10 million strokes

Mutual Capacitance sensing

X/Y position sensing resolution: 40 counts/mm

X/Y position reportina: Relative

Output (selfdetectable depending on cable): PS2 or USB

Tracking speed: Maximum 1 ,016 m/sec

Power supply voltage: 5 V DC +0.25V

Current rating active mode): 17 mA



Dimension

