

IP54 Keyboard



Tried and true

The IP54 Keyboard lets you get to work with no hassle. Its proven form factor is robust enough to perform in the harshest environments, it comes in multiple language versions and has a built-in track point to eliminate the need for a separate mouse. And since it's compatible with any PC and has a backlight for easy use in dark environments, the IP54 Keyboard gives you a no-fuss solution that lets you stay focused on the situation at hand.

Customizable

Are you looking for features and functions beyond the standard solutions offered by large commercial manufacturers? MilDef products are designed to enable customization to your specific program requirements, e.g. connectors, chassis modifications, mounting solutions, etc.

Contact your nearest MilDef Sales Office and we will help you find a solution that meets your requirements.

Guaranteed performance

All MilDef products come with comprehensive lifecycle sustainment support to ensure your equipment maintains peak performance for many missions to come. We also guarantee the availability of spare parts for 5 years after product end-of-life.

Key features

- 89 key keyboard
- Backlight
- IP54
- MIL-STD-810F
- MIL-STD-461D (optional)

Technical Specification

Description USB wired HID Backlighted 89 key layout keyboard
Windows keys
Elastomer keys

Weight 1,2 kg (2,65 lb)

Dimensions (WxDxH) 322 x 172 x 25 mm (12.68 x 6.77 x 0.98 in)

MTBF (GB) 1 746 431 hours

CE Compliant

Connector interface

USB USB2.0 Type A Male (Other on request)

Environmental specification

Vibration - Operating MIL-STD-810F, Method 514.5, C-6, Fig.514.5C-3

Mechanical shock - Non operating MIL-STD-810F, Method 516, Procedure I Pulse shape : Sawtooth wave
Peak acceleration : 40g
Duration of pulse : 11ms
Direction : 3-axes , 6 directions
Number of shocks : 3 shocks / each axis
Non-operating

Low temperature - Operating MIL-STD-810F, Method 502, Procedure II
Temperature : -21°C (-5.8°F)
Duration : 4 hrs.

Low temperature - Storage MIL-STD-810F, Method 502, Procedure I
Temperature : -31°C (-23.8°F)
Duration : 4 hrs.

High temperature - Operating MIL-STD-810F, Method 501, Procedure II
Temperature : 32 ~ 49°C (90 - 120°F)
Duration : 24 hrs. , repeat 3 cycles

High temperature - Storage MIL-STD-810F, Method 501, Procedure I
Temperature : 33 ~ 71°C (91 – 160°F)
Duration : 24 hrs., repeat 7 cycles

Altitude - non-operating MIL-STD-810F, Method 500, Procedure I
Altitude : 12,192 m (40000 feet)
Temp. : 25°C (77°F)
Duration : 1hr

Altitude - Operating MIL-STD-810F, Method 500, Procedure II
Altitude : 12,192 m (40000 feet)
Temp. : 25°C (77°F)
Duration : 1hr.

Rain test MIL-STD-810F, Method 506, Procedure II
Nozzle pressure : 40psig
Duration : 200 min.
Direction : Normal direction

Temperature-humidity cycle test, non-operating MIL-STD-810F, Method 507, Procedure III
1 cycle = 48hrs, repeat 5 cycles

Salt fog - non-operating MIL-STD-810F, Method 509
PH value : 6.5 ~ 7.2
Temperature : 35°C (95°F)
Concentration : 5% (by weight)
Spray volume : 1 ~ 2ml / hr.
Test time : 48 hrs.