# **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**

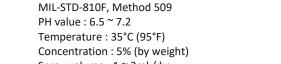
All MilDef products come with comprehensive lifecycle sustainment support to ensure your equipment maintains peak performance for many missions to come. We also guarantee the availability of spare parts for 5 years after product end-of-life.

## **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)  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
Weight 1,2 kg (2,65 lb)  Dimensions 322 x 172 x 25 mm (12.68 x 6.77 x 0.98 in) (WxDxH)  MTBF (GB) 1 746 431 hours  CE Compliant  Connector interface USB USB2.0 Type A Male (Other on request)  Environmental specification
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Vibration - Operating MIL-STD-810F, Method 514.5, C-6, Fig.514.5C-3
Mechanical shock - 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 MIL-STD-810F, Method 507, Procedure III



Spray volume : 1 ~ 2ml / hr. Test time : 48 hrs.

1 cycle = 48hrs, repeat 5 cycles



test, non-operating

Salt fog - non-operating