

MILITARY KEYBOARD

Panel Mount Keyboard with Emergency Key, MIL-STD-461G standards and NEMA 4X



Model: Ymil-PM900

Designed to meet MIL-STD-461G standards, the Ymil-PM900 is ideal for harsh environments where electromagnetic interference is a top concern. In addition, this model features an emergency key that, when pressed, sends a signal of Shift+F1 and lights up for 30 seconds. The Ymil-PM900 integrates the Force Sensing Resistor, an upgraded pointing device that offers improved sensitivity and increased durability. It boasts a completely sealed and ruggedized construction that, when properly sealed, allows it to meet NEMA 4X specifications, ensuring that this keyboard is sealed against the elements or unwanted spills.

FEATURES:

- 12 Function Keys
- 86-Key Functionality
- Designed to meet MIL-STD-461G Specifications
- Integrated Backlighting
- Integrated Force Sensing Resistor Pointing Device
- One-Touch Emergency Key

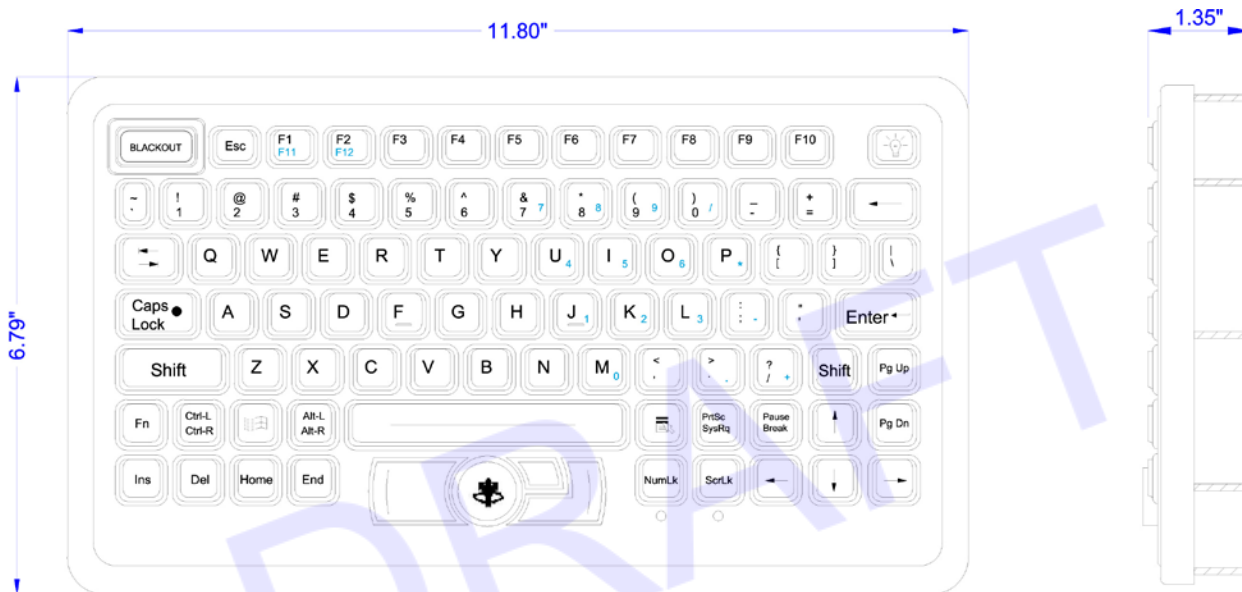
SPECIFICATIONS:

Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B, MIL-STD-461-E
Shock	3x11 ms pulses of 50g on each of 3 axis
CABLE	LENGTH: 4 feet (1.2 meters) DESIGN: "Y" PS/2 Cable (providing separate keyboard and mouse connections)
Key Switch	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.05 oz. +/- 1.06 oz. (200g +/- 30g) FEEDBACK: Tactile with Mechanical Snap
Vibration	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
Power	PS2: KEYBOARD: 160mA@5V (from Keyboard port) POINTER: 55mA@5V (from Mouse port) USB: 215mA@5V (from CPU port)
FLAMMABILITY	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatibility	PS/2 KEYBOARD/POINTER: All Windows Operating Systems USB KEYBOARD/POINTER: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +158C (-40F to +70F) OPERATING: -4C to +140C (-20F to +60F)
Weight	1.75 lbs +/- 0.10 lbs (0.79 kg +/- 0.05kg)
Warranty	1 Year Limited Warranty
Humidity	100% Humidity Resistant
Dimensions	11.80" x 6.79" x 1.35" (w-h-d) 299.7mm x 172.5mm x 34.3mm CUTOUT: 10.40" x 5.40" (w-h) 264.2mm x 137.2

**Specifications subject to change without notice, not responsible for typographical errors.*

MECHANICAL DRAWING

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



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STORAGE: -40°F to +158°F (-40°C to +90°C)
 OPERATING: -4°F to +140°F (-40°C to +70°C)

VIBRATION

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

POWER

PS2: 250mA@5V (from PS2 port)

HUMIDITY

100% Humidity Resistant

SHOCK

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

WEIGHT

1.75 lbs +/- 0.10 lbs (0.79 kg +/- 0.05 kg)

MOUNTING

