MILITARY KEYBOARD

Desktop Keyboard with Force Sensing Resistor designed to meet
NEMA 4X specifications.

Model: YMil-K500

The YMil-K500 is designed to meet NEMA 4X specifications. It features an ABS polycarbonate case, 116 keys including 24 function keys, and a Force Sensing Resistor pointing device. These features make the YMil-K500 a total solution in one convenient package.

FEATURES:

- 10-Key Numeric Pad
- 116-Key Functionality
- Integrated Force Sensing Resistor Pointing Device
- Polycarbonate Case with Mounting Holes
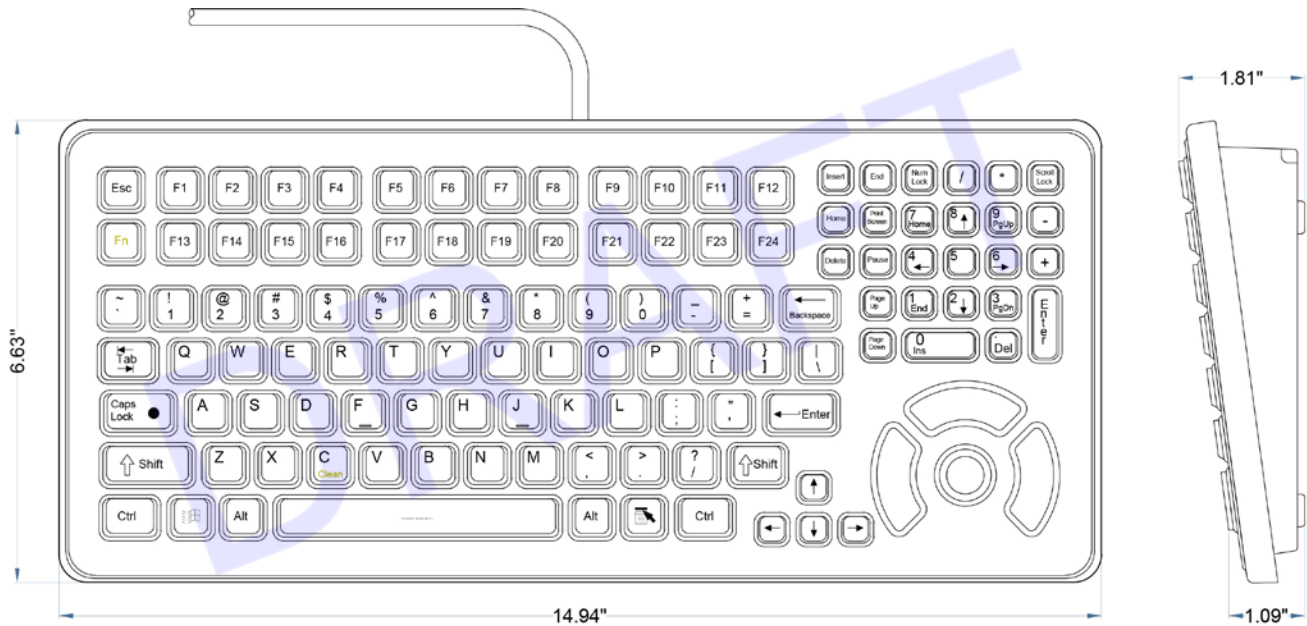- USB and PS/2 configurations available

SPECIFICATIONS:

CERTIFICATIONS	NEMA 4X, UL60950, FCC Part 15 Class B
SHOCK	3x11 ms pulses of 50g on each of 3 axes
CABLE	LENGTH: 10 feet (3 meters) DESIGN: "Y" PS/2 (providing separate keyboard and mouse
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: 0.4g²/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
POWER	PS2: KEYBOARD: 35mA@5V (from Keyboard port) POINTER: 5mA@5V (from Mouse port) USB: 40mA@5V (from CPU port)
COMPATIBILITY	PS/2 KEYBOARD/POINTER: All Windows Operating Systems USB KEYBOARD/POINTER: All Windows and Macintosh OS
TEMPERATURE RANGE	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
WEIGHT	2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)
WARRANTY	1 Year Limited Warranty
HUMIDITY	100%
DIMENSIONS	14.94" x 6.63" x 1.81" (w-h-d) 379.5mm x 168.4mm x 45.9mm

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.

KEY SWITCH

MATERIAL: Industrial Silicone Rubber
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 7.05 oz. +/- 1.06oz (200g +/- 30g)
FEEDBACK: Tactile with Mechanical Snap

POWER (Maximum)

PS2:
KEYBOARD: 35mA@5V (from Keyboard port)
POINTER: 5mA@5V (from Mouse port)
*PS2 current ratings valid only when both keyboard and mouse are connected
USB: 40mA@5V (from USB port)

TEMPERATURE RANGE

STORAGE: -40°F to +158°F (-40°C to +70°C)
OPERATING: -4°F to +140°F (-20°C to +60°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g²/HZ
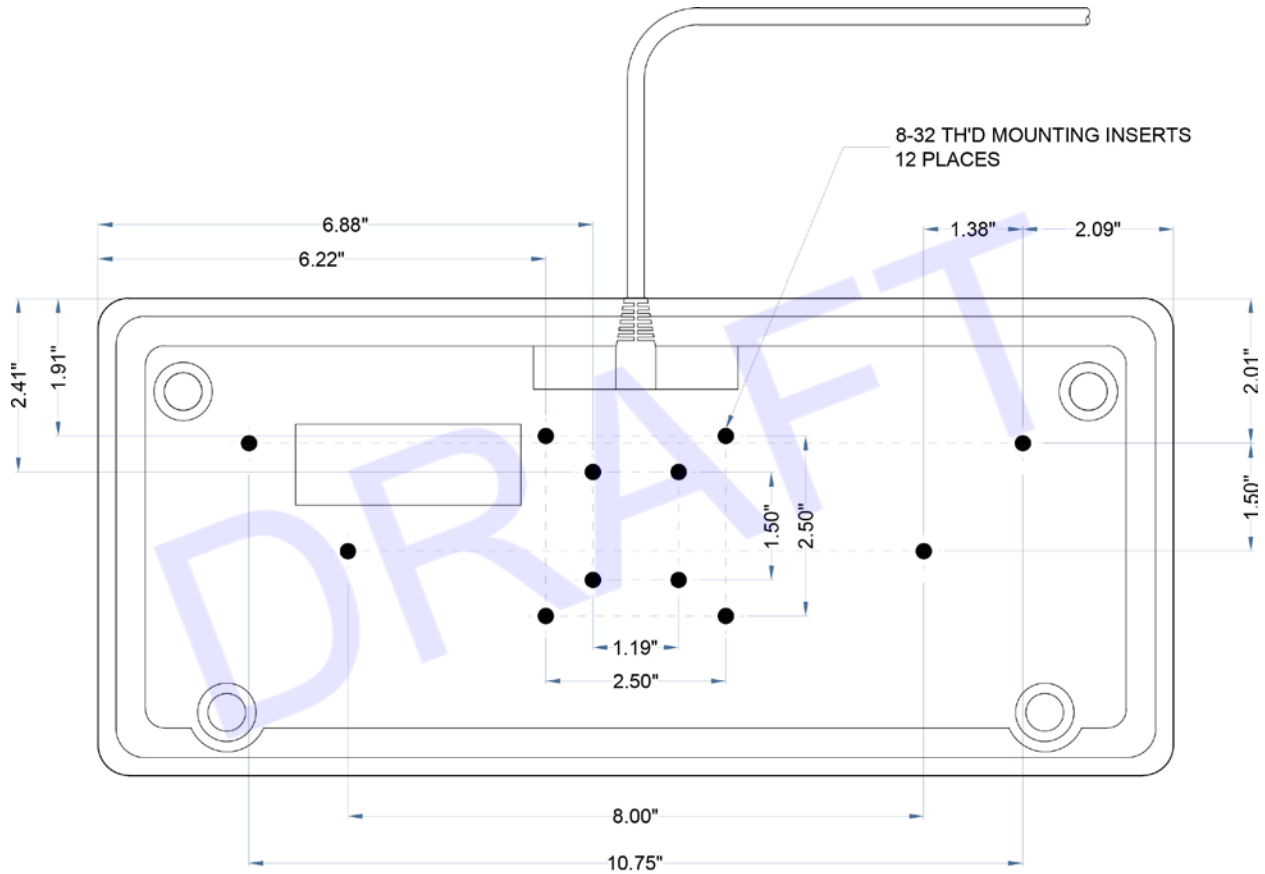FREQUENCY RANGE: 20Hz-2Khz
DURATION OF TEST PER AXIS: 3 hours

SHOCK

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

WEIGHT

2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)

BACK / MOUNTING

8-32 TH'D MOUNTING INSERTS
12 PLACES

ENCLOSURE CASE: ABS/Polycarbonate

Modified Date: 02-08-2021