

MILITARY KEYBOARD

Rugged, Compact Design Military Grade Mobile Keyboard with FSR, MIL-STD-461-G Standards and NEMA-4X



Model: Ymil-4600

Designed to meet military MIL-STD-461-G standards, Ymil-4600 is ideal for harsh environments where electromagnetic interference is a top concern. In addition the Ymil-4600 provides full-size versatility in a rugged, compact design, with the added convenience of an integrated force sensing resistor. The Ymil-4600 is engineered to meet NEMA 4X specifications, and is resistant to sand, debris and the elements. The large numeric pad on this model allows for easy data entry, while the robust polycarbonate case is durable in the roughest of environments.

FEATURES:

- 12 Function Keys
- Designed to meet MIL-STD-461-G Specifications
- Integrated Force Sensing Resistor Pointing Device (FSR)
- MS Windows™ Function Keys
- USB and PS/2 configurations available

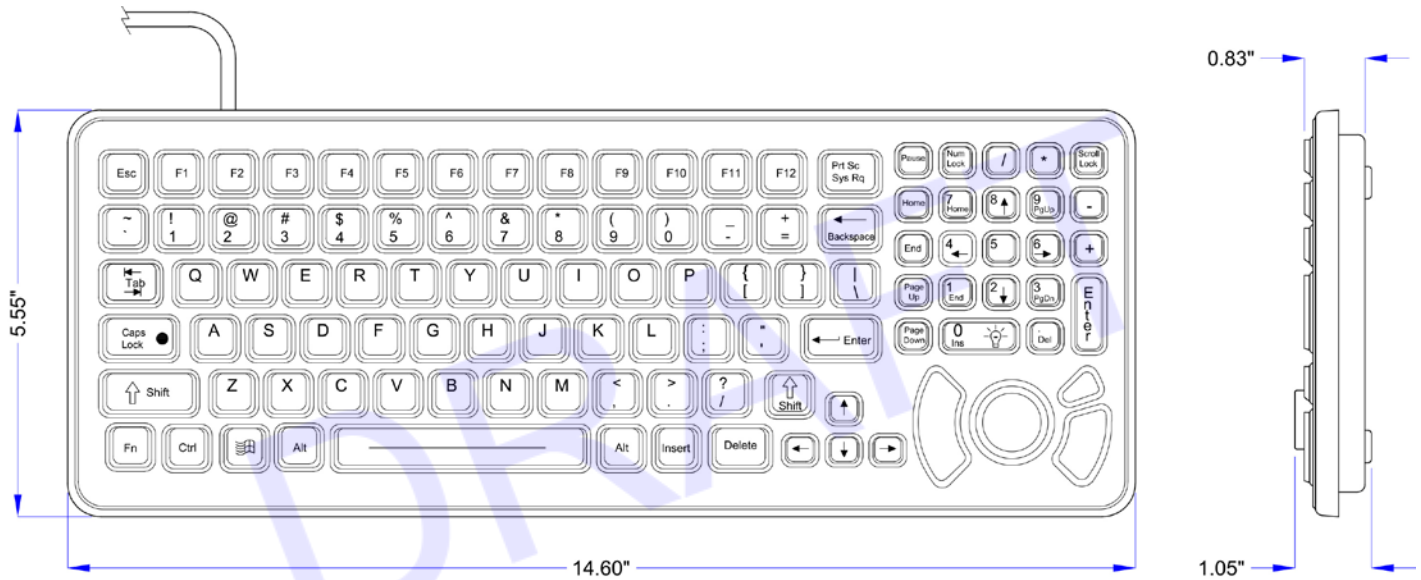
SPECIFICATIONS:

CERTIFICATIONS	NEMA 4X UL60950, FCC Part 15 Class B
SHOCK	3x11 ms pulses of 50g on each of 3 axes
CABLE	LENGTH: 10' straight (3 m)
KEY SWITCH	MATERIAL: Industrial silicone rubber LIFE: 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: 50mA@5V (from Keyboard port) POINTER: 35mA@5V (from Mouse port) USB: 85mA@5V (from CPU port)
FLAMMABILITY	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94HB
COMPATABILITY	PS/2 KEYBOARD/FSR: All Windows Operating Systems USB KEYBOARD/HULAPOINT: All Windows and Macintosh OS
TEMPERATURE RANGE	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
WEIGHT	1.50 lbs +/- 0.10 lbs (0.68 kg +/- 0.05kg)
WARRANTY	1 year limited warranty
HUMIDITY	100%
DIMENSIONS	14.60" x 5.55" x 1.05" (w-h-d) 370.8mm x 141mm x 26.7mm

**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

TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)
OPERATING: -40°F to +158°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: KEYBOARD: 50mA@5V (from Keyboard port)
POINTER: 35mA@5V (from Mouse port)
USB: 85mA@5V (from CPU port)

HUMIDITY

100% Humidity Resistant

SHOCK

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

WEIGHT

1.50 lbs +/- 0.10 lbs (0.68 kg +/- 0.05 kg)