

PM-81

Compact Panel Mount Keyboard

The PM-81 is a small-footprint keyboard that offers an alternative solution when space is at a premium. It has 12 function keys and standard keycap sizing. iKey's rugged panel mount keyboards allow for easy integration into workstations or other industrial environments. The PM-81 is designed to meet NEMA 4X specifications, which enables it to withstand the roughest of conditions.



Technical Specifications

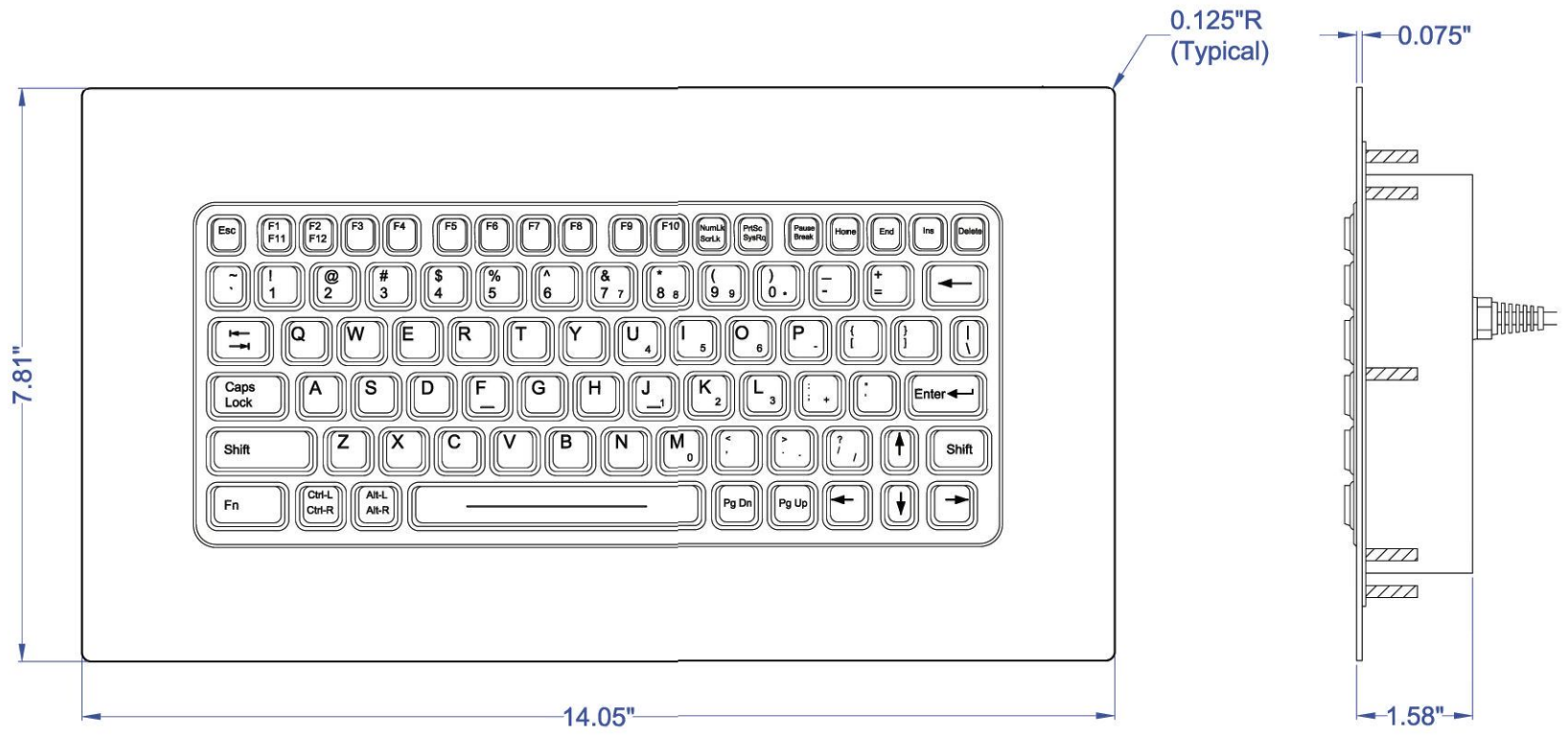
Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 10 feet (3 meters) DESIGN: PS/2, AT or Single-Cable USB
Key Switch	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 6.35 oz. +/- 1.06 oz. (180g +/- 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	PS/2: 50mA@5V (from Keyboard port) USB: 50mA@5V (from CPU port)
Compatibility	PS/2 KEYBOARD: All Windows Operating Systems USB KEYBOARD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	3.50 lbs +/- 0.10 lbs (1.59 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100% (when properly installed)
Dimensions	14.05" x 7.81" x 1.58" (w-h-d) 356.9mm x 198.4mm x 40.1mm CUTPIT: 12.75" x 6.50" (w-h) 323.9mm x 165.1 mm
Model Numbers	

Features and Benefits

- Stainless Steel Bezel
- USB, PS/2 and AT Configurations Available

PM-81

DATE	CHANGES	INTL	REV
12.17.03	Original		1.0
12.09.08	Updated Format	JB	1.0
08.27.09	Added panel dimensions	JB	2.0



KEY SWITCH

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LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 6.35 oz. +/- 1.06oz (180g +/- 30g)
FEEDBACK: Tactile with Mechanical Snap

POWER

PS2: 50mA@5V (from Keyboard port)
USB: 50mA@5V (from CPU port)

TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)
OPERATING: -40°F to +158°F (-40°C to +70°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

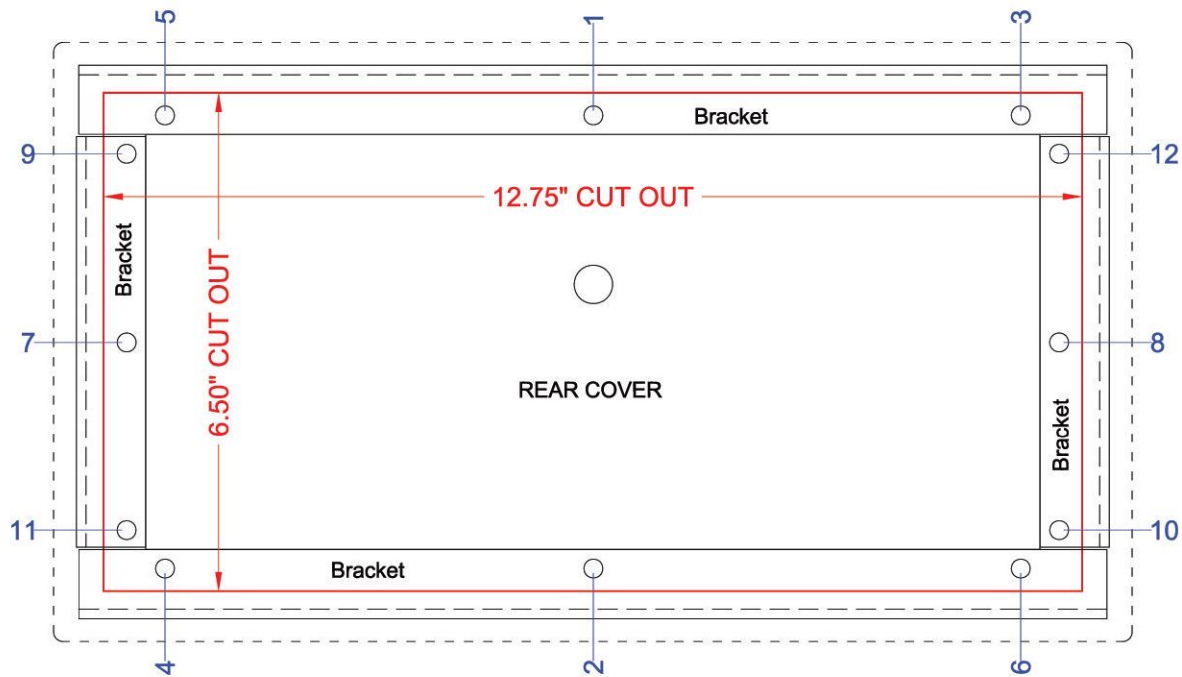
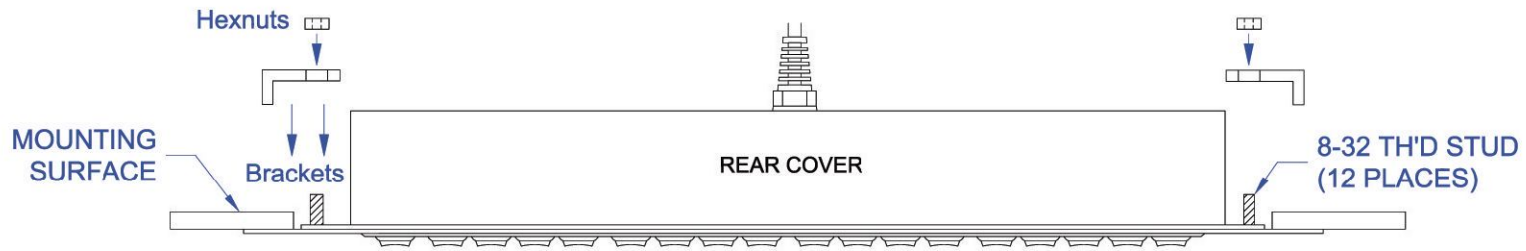
3.50 lbs +/- 0.10 lbs (1.59 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

Part Number: PM-81	Drawing Number: MKT0018	Sheet: 1 OF 2	
Drawing Title: PM-81-MKT	Revision: 2.0	Date: 08.27.09	JWB

PM-81 BACK / MOUNTING



ENCLOSURE CASE: Stainless Steel

1. PLACE UNIT IN 6.5" x 12.75" CUT PIT
2. PLACE 4 BRACKETS ON EACH SIDE AND HAND TIGHTEN LOCKING HEXNUTS OVER ALL 12 8-32 STUDS
3. TIGHTEN WITH TORQUE WRENCH (15 IN.LB.) IN ORDER SHOWN (1-12) ABOVE

PROPRIETARY AND CONFIDENTIAL

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