PM-2000-TB

Panel Mount Keyboard with Trackball

The PM-2000-TB by iKey® is constructed using a highly-rugged stainless steel case and industrial silicone rubber pad, ensuring NEMA 4X protection in extremely rugged applications. The PM-2000-TB provides users with a full 114-key industrial keyboard and trackball industrial pointing device. It has two rows of function keys that allow for single keystroke access to software shortcuts. The laser trackball pointing device is integrated into the keyboard for additional usability.

Features:
10-Key Numeric Pad
114-Key Functionality
24 Function Keys
Integrated Trackball
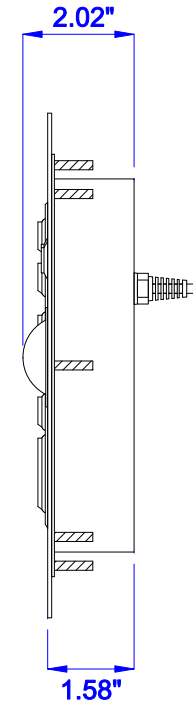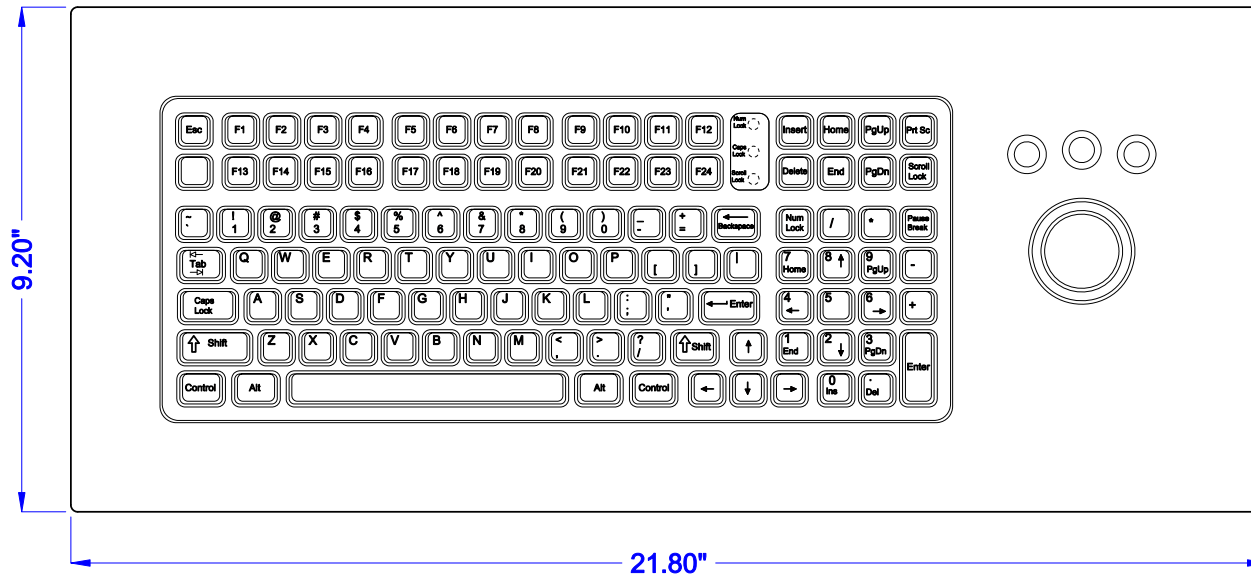PS/2 and Separate-Cable USB configurations available

Product Code PM-2000-TB

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: "Y" PS/2 or two USB cables
KEY SWITCH	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.03 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	PS/2: KEYBOARD: 50mA@5V (from Keyboard port) POINTER: 45 mA@5V (from Mouse port) USB: 95mA@5V (from CPU port)
COMPATABILITY	PS/2 KEYBOARD/TRACKBALL: All Windows Operating Systems USB KEYBOARD/TRACKBALL: All Windows and Macintosh OS
TEMPERATURE RANGE	STORAGE: -40C to +85C (-40F to +185F) OPERATING: 0C to +55C (+32F to +131F)
WEIGHT	5.75 lbs +/- 0.10 lbs (2.61 kg +/- 0.05 kg)
WARRANTY	1 year limited warranty
HUMIDITY	100% (when properly installed)
DIMENSIONS	21.80" x 9.20" x 0.44" (w-h-d) 553.7mm x 233.7mm x 11.2mm SCREWS: 1.58" (40.1mm)
MODEL NUMBERS	PM-2000-TB-PS2: With PS/2 cable PM-2000-TB-USB: With USB cable

Cobots   Cámaras   PLCs   HMIs   Sensores   Registradores   Software   Convertidores   Osciloscopios   Celdas de carga   Adquisición (DAQ IoT)   PCs industriales

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PM-2000-TB

2.02"

9.20"

21.80"

1.58"

KEY SWITCH

MATERIAL: Industrial Silicone Rubber
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 7.03 oz. +/- 1.06oz (200g +/- 30g)
FEEDBACK: Tactile with Mechanical Snap

POWER

PS2:
KEYBOARD: 50mA@5V (from Keyboard port)
POINTER: 45mA@5V (from Mouse port)
USB: 95mA@5V (from CPU port)

TEMPERATURE RANGE

STORAGE: -40°F to +185°F (-40°C to +85°C)
OPERATING: +32°F to +131°F (0°C to +55°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

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

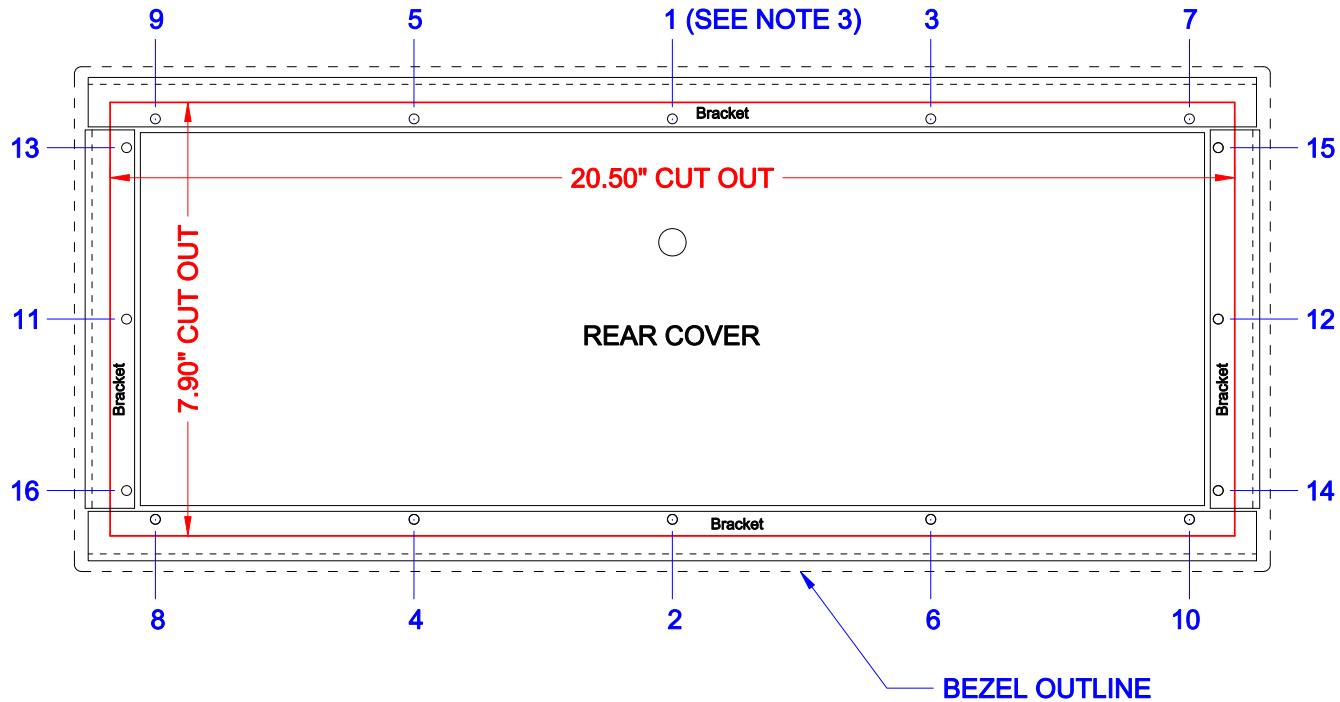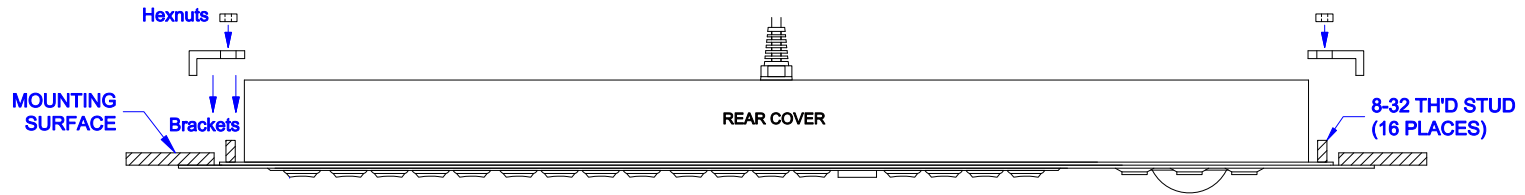## SHOCK

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

WEIGHT

5.75 lbs +/- 0.10 lbs (2.61 kg +/- 0.05 kg)

SCALE: 1:3.5

Part Number: PM-2000-TB	Drawing Number: MKT0030	Sheet: 1 OF 2	
Drawing Title: PM-2000-TB-MKT	Revision: 1.00	Date: 01.02.09	JWB

PM-2000-TB BACK / MOUNTING

Hexnuts

MOUNTING SURFACE

Brackets

REAR COVER

8-32 TH'D STUD (16 PLACES)

9   5   1 (SEE NOTE 3)   3   7

Bracket

13   15

20.50" CUT OUT

11   12

7.90" CUT OUT

Bracket

REAR COVER

Bracket

16   14

Bracket

8   4   2   6   10

BEZEL OUTLINE

ENCLOSURE CASE: Stainless Steel

1. PLACE UNIT IN 7.9"X20.5" CUT PIT
2. PLACE 4 BRACKETS ON EACH SIDE AND HAND TIGHTEN LOCKING HEXNUTS OVER ALL 16 8-32 STUDS
3. TIGHTEN WITH TORQUE WRENCH (15 IN.LB.) IN ORDER SHOWN (1-16) ABOVE

SCALE: 1:3.5

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