

PM-2000-IS

Intrinsically Safe Panel Mount Keyboard with HulaPoint II™

iKey manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe PM-2000-IS is constructed using a highly rugged stainless steel case and industrial silicone rubber pad, ensuring NEMA 4X protection in extremely rugged applications. An integrated HulaPoint II™ pointing device offers additional usability. The PM-2000-IS has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. The unit includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. The PM-2000-IS provides users with a full 114-key industrial keyboard and has two rows of function keys that allow for single keystroke access to software shortcuts.



Technical Specifications

Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B Factory Mutual Class I, II, & III, Division I, Groups C, D, E, F, & G
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables (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: 7.03 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
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatibility	PS/2 KEYBOARD/HULAPOINT: All Windows Operating Systems
Temperature Range	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
Weight	6.00 lbs +/- 2.72 lbs (1.70 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100% (when properly installed)
Dimensions	21.80" x 9.20" x 0.28" (w-h-d) 553.7mm x 233.7mm x 7.1mm SCREWS: 1.58" (40.1)
Model Numbers	

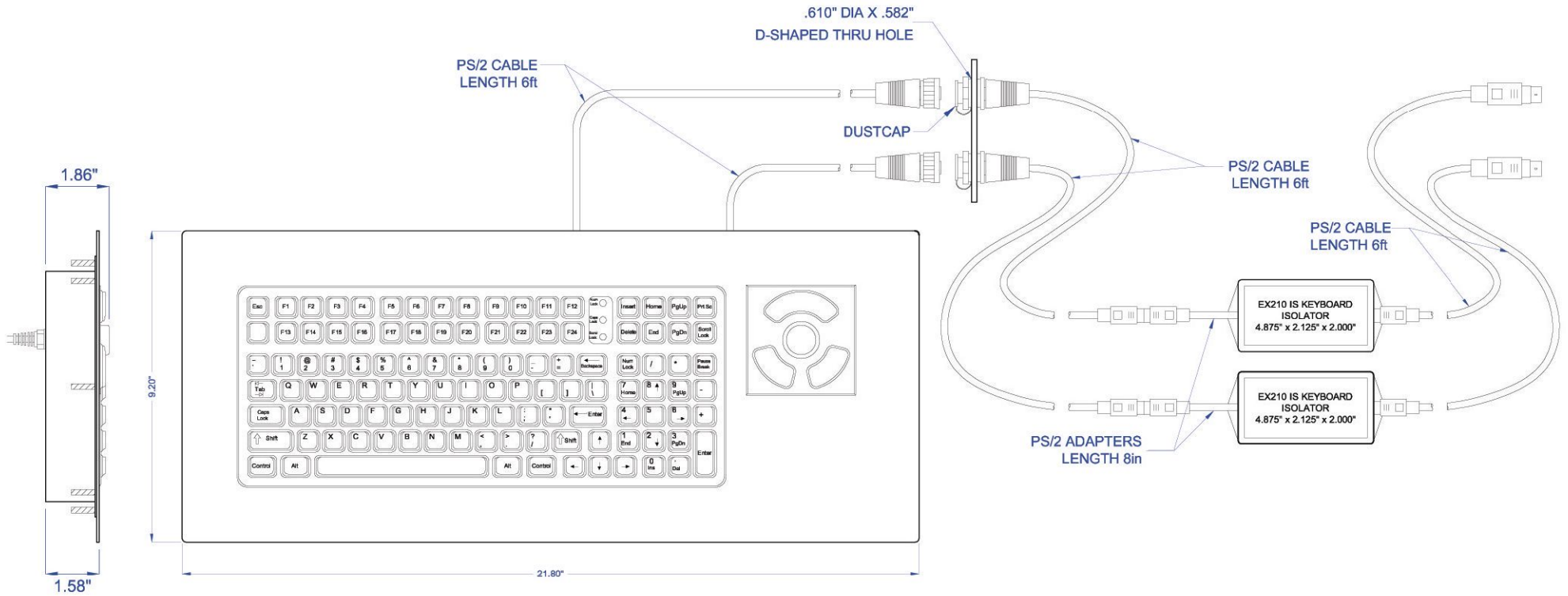
Features and Benefits

- 10-Key Numeric Pad
- 24 Function Keys
- Integrated HulaPoint II Pointing Device
- PS/2 configurations available

PM-2000-IS

Hazardous (Classified) Location

Non Hazardous (Unclassified) Location



KEYBOARD SPECIFICATIONS:

KEY SWITCH

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 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

Reference Drawing Number HL0003 for Power Requirements
 Installation shall be in accordance with NEC, Article 504,
 ANSI, NFPA 70

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

6.0 lbs +/- 2.72 lbs (1.7 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

NOT TO SCALE

Part Number: PM-2000-IS	Drawing Number: MKT0294	Sheet: 1 OF 1
Drawing Title: PM-2000-IS-MKT	Revision: 1.0	Date: 12.12.11 TWH



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