

DT-2000-IS



Intrinsically Safe Keyboard with Integrated HulaPoint II™

iKey manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe DT-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 a dditional usability. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. The DT-2000-IS includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. It also 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 UL60950, FCC Part 15 Class B Factory Mutual Class I, Division II
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables on PS/2
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4 mm) ACTUATION FORCE: 6.35 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
Temperature Range	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
Weight	8.25 lbs +/- 0.10 lbs (3.06 kg +/- 0.05 kg)
Dimensions	20.25" x 7.88" x 1.80" (w-h-d) 514.4mm x 200.2mm x 45.7mm
Model Numbers	

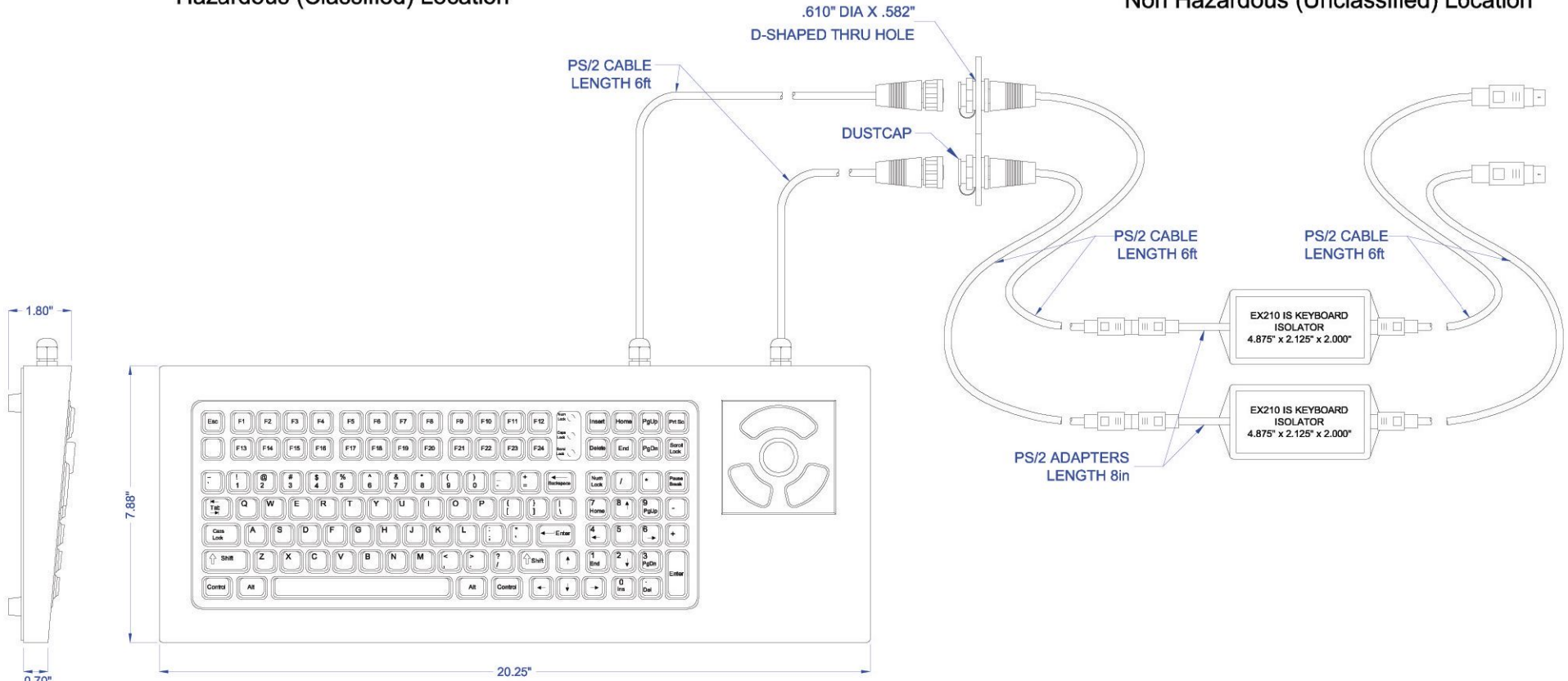
Features and Benefits

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

DT-2000-IS

Hazardous (Classified) Location

Non Hazardous (Unclassified) Location



KEYBOARD SPECIFICATIONS:

KEY SWITCH

MATERIAL: Industrial Silicone Rubber
 LIFE: Greater Than 10 Million Cycles
 TRAVEL: 0.055 in.
 ACTUATION FORCE: 6.35 oz. +/- 1.06oz (200g +/- 30g)
 FEEDBACK: Tactile with Mechanical Snap

POWER

Reference Drawing Number IS-94005 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

8.25 lbs +/- 0.10 lbs (3.74 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

NOT TO SCALE

Part Number: DT-2000-IS

Drawing Number: MKT0291

Sheet: 1 OF 1

Drawing Title: DT-2000-IS-MKT

Revision: 1.0

Date: 12.09.11

TWH



Distributed by:

i-Tech Company LLC

TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www.iTechLCD.com