iKey

DT-2000-NI

Nonincendive Keyboard with Integrated HulaPoint II™

iKey offers a full line of nonincendive keyboards and pointing devices. The n onincendive DT-2000-NI 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 u sability. It has a Factory Mutual approval of Class I, Division II. These units do not require barriers and are ideal for harsh working conditions. The DT-2000-NI 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. All units ship with bulkhead cables.

Technical Specifications

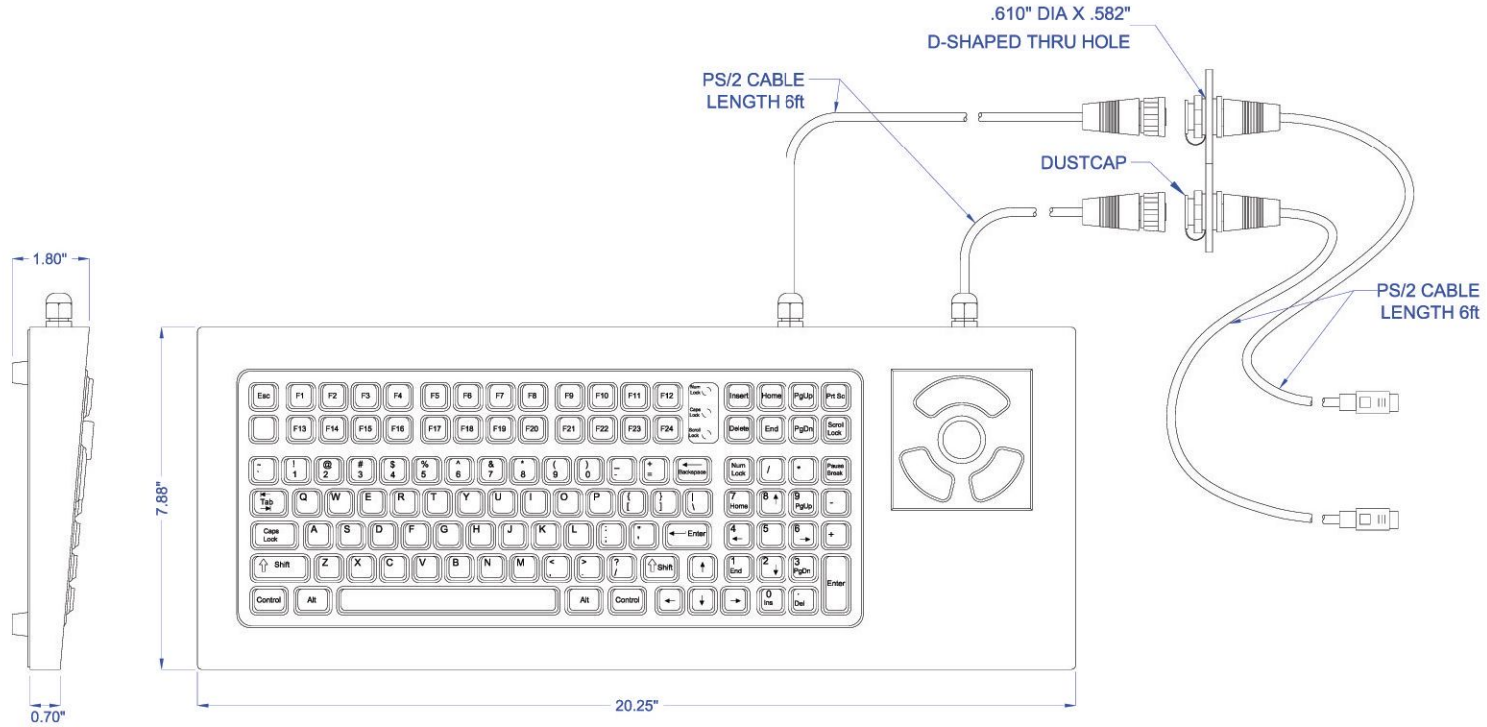|	
Certifications	NEMA 4X UL60950, FCC Part 15 Class B Factory Mutual Class I, Division II
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables on PS/2 or single-cable USB
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 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
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatability	PS/2 KEYBOARD/HULAPOINT: All Windows Operating Systems USB KEYBOARD/HULAPOINT: All Windows and Macintosh Operating Systems
Temperature Range	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
Weight	7.05 lbs +/- 0.10 lbs (3.74 kg +/- 0.05kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	20.25" x 7.88" x 1.8" (w-h-d) 514.4mm x 200.2mm x 45.7mm
Model Numbers	

Features and Benefits

- 10-Key Numeric Pad
- Integrated HulaPoint II Pointing Device
- PS/2 or USB configurations available

- 24 Function Keys
- Optional Mounting Holes Available

DT-2000-NI

Hazardous (Classified) Location

Non Hazardous (Unclassified) Location

.610" DIA X .582"
D-SHAPED THRU HOLE

PS/2 CABLE
LENGTH 6ft

DUSTCAP

PS/2 CABLE
LENGTH 6ft

1.80"

7.88"

0.70"

20.25"

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

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

PROPRIETARY AND CONFIDENTIAL

NOT TO SCALE

Part Number: DT-2000-NI	Drawing Number: MKT0298	Sheet: 1 OF 1	
Drawing Title: DT-2000-NI-MKT	Revision: 1.0	Date: 12.16.11	JMW