

DP-860-IS

Intrinsically Safe and Compact with Integrated HulaPoint II™

iKey manufactures devices to reduce the risk of failure in your hazardous areas. The small-footprint, intrinsically safe DP-860-IS keyboard is built for versatility and convenience. It features 84-key functionality and an integrated HulaPoint II™, an upgraded pointing device that offers improved sensitivity and increased durability. The DP-860-IS is enclosed in a sealed ABS polycarbonate case with optical isolated barriers and bulkhead cables for complete protection. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G.



Technical Specifications

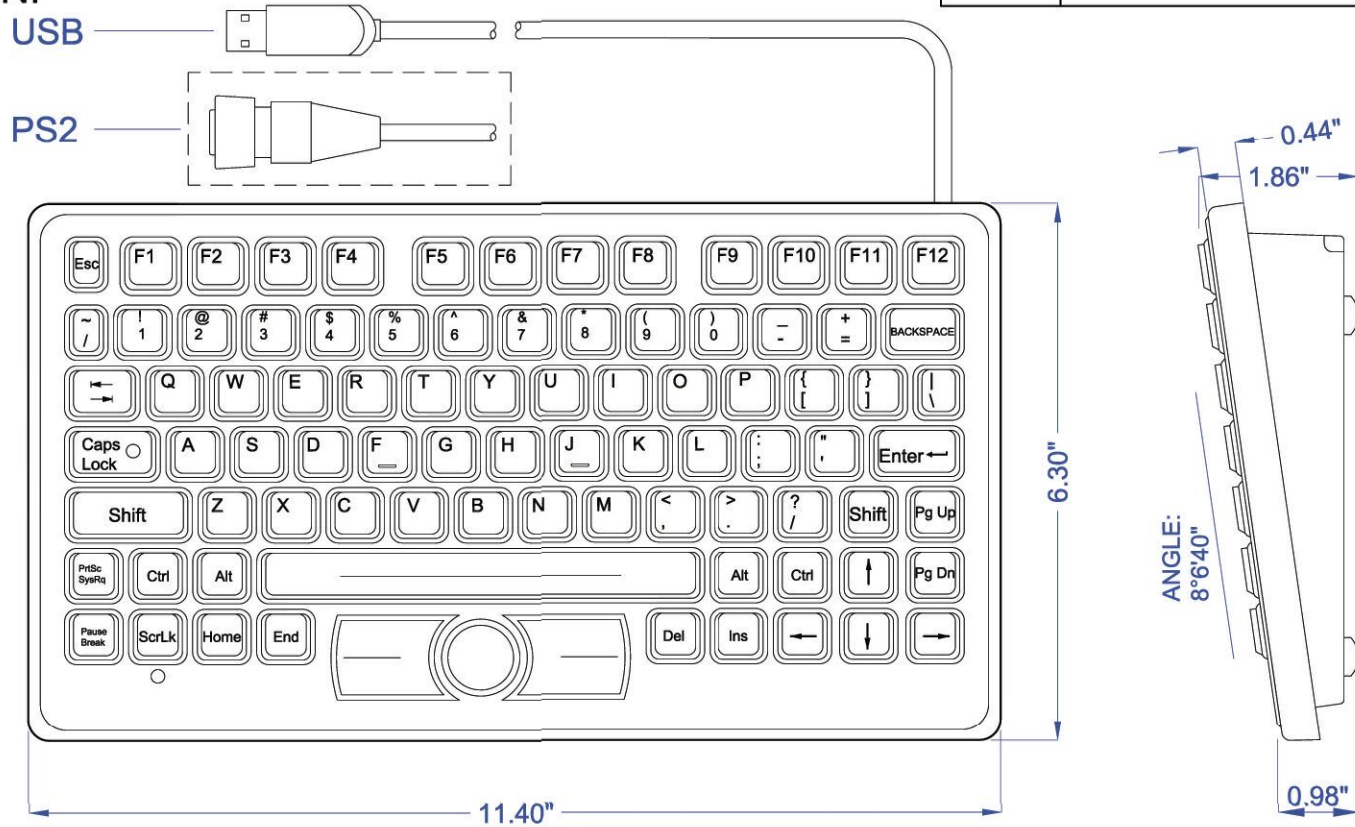
Certifications	NEMA 4X UL60950, FCC Part 15 Class B FM Class I, II, III, Division I, Groups C, D, E, F, G
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet (1.5m) from keyboard to Bulkhead Connector DESIGN: 2 separate cables (providing separate keyboard and mouse connections)
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4 mm) ACTUATION FORCE: 7.05 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	KEYBOARD: 5V@ 10 ma (from CPU port) HULAPOINT: 5V@ 10 ma (from mouse port)
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94HB 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	2 lbs +/- .10 lbs (0.91 kg +/- .05 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	11.40" x 6.30" x 1.86" (w-h-d) 289.56mm x 160.02mm x 47.24mm
Model Numbers	

Features and Benefits

- 12 Function Keys
- Integrated HulaPoint II Pointing Device
- PS/2 configurations available
- 84-Key Functionality
- Lightweight ABS Polycarbonate Case

DP-860-HP11-IS/NI

DATE	CHANGES	INTL	REV
01.28.09	Original	JB	1.00
03.25.09	Power and Nomenclature Changes	JB	1.00



KEY SWITCH

MATERIAL: Industrial Silicone Rubber
 LIFE: Greater Than 10 Million Cycles
 TRAVEL: 0.055 in.
 ACTUATION FORCE: 7.05 oz. +/- 1.06oz (200g +/- 30g)
 FEEDBACK: Tactile with Mechanical Snap

POWER

Reference DP-860-HP11-IS/NI Control Drawing
 for Power Requirements
 IS units are PS2 only
 NI units are PS2 or USB

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

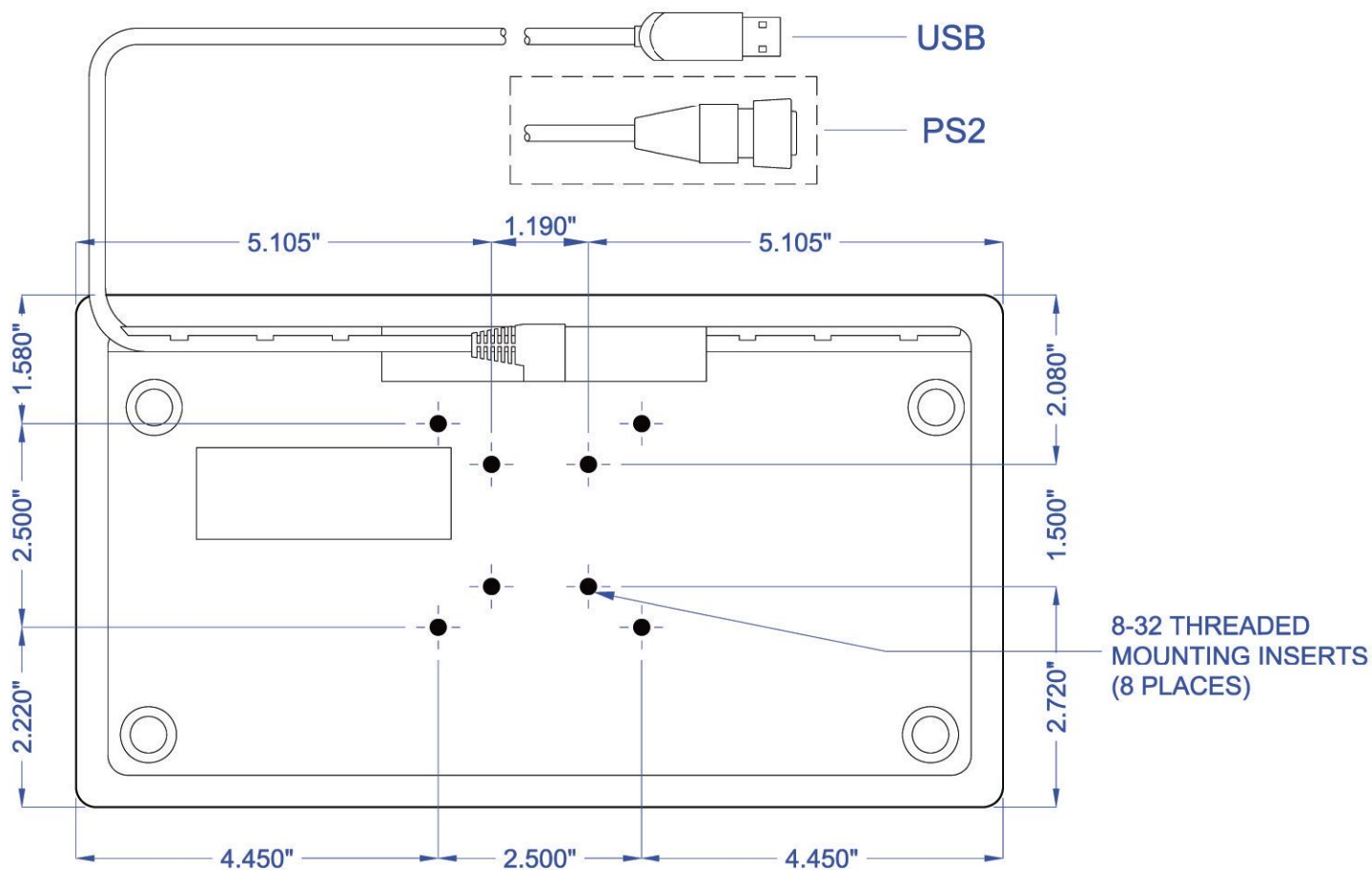
2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

Part Number: DP-860-HP11-IS/NI	Drawing Number: MKT0178	Sheet: 1 OF 2	
Drawing Title: DP-860-HP11-IS/NI-MKT	Revision: 1.00	Date: 03.25.09	JWB

DP-860-HP11-IS/NI BACK / MOUNTING



ENCLOSURE CASE: ABS/Polycarbonate

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

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