DP-88

Small-Footprint Industrial Keyboard

The DP-88 is a small-footprint keyboard that meets harsh use standards. It has 88 full-size keys with embedded notebook key functions. The DP-88 is a perfect fit for industrial, kiosk or mobile computing needs. The DP-88's small footprint and compact case allows for space saving and mobility, and a secondary legend can be accessed with a number lock key.
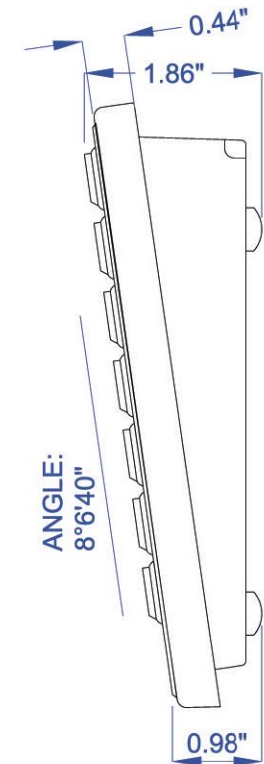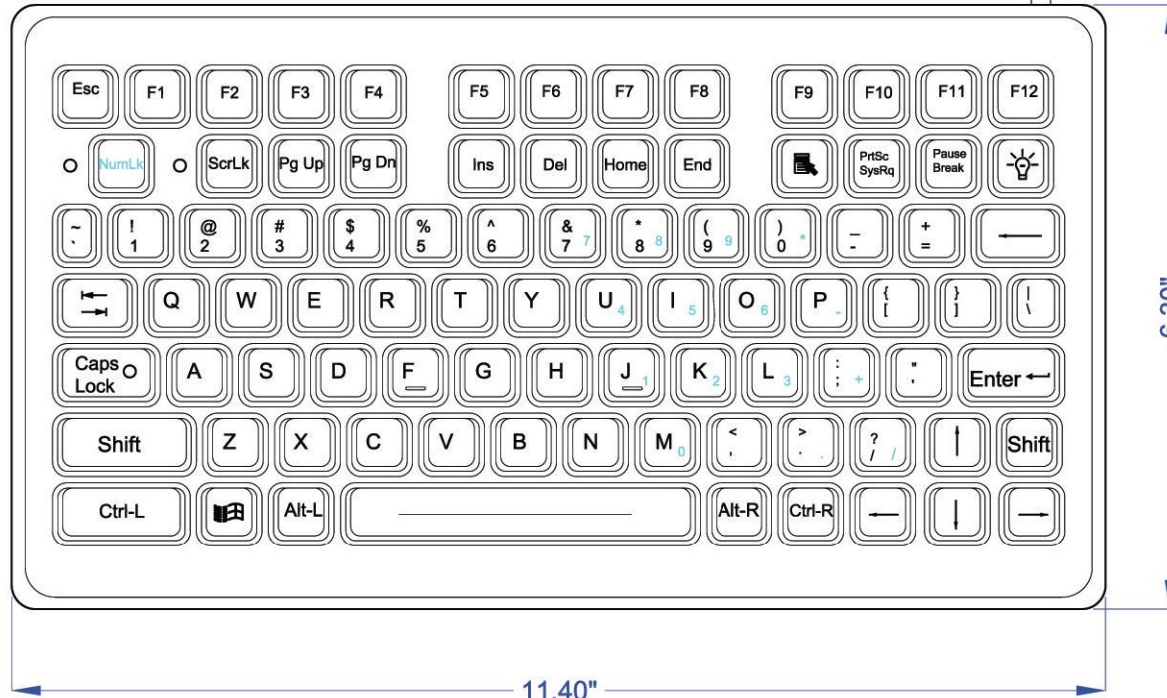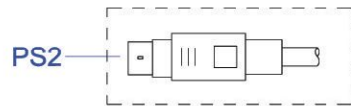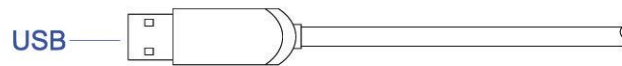
Technical Specifications

Certifications	NEMA 4X UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 4 ft coiled (1.2m)
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	PS2: KEYBOARD: 50mA@5V (from Keyboard port) USB: 50mA@5V (from CPU port)
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94HB INTERFACE CABLE: 94 VO
Compatability	PS/2: All Windows Operating Systems USB: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	2 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 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
- Lightweight ABS Polycarbonate Case
- USB and PS/2 configurations available
- 88-Key Functionality
- Optional Mounting Holes Available

DP-88

USB

PS2

0.44"

1.86"

6.30"

ANGLE:
8°6'40"

0.98"

11.40"

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

PS2: KEYBOARD: 50mA@5V (from Keyboard port)
USB: 50mA@5V (from CPU port)

TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)
OPERATING: -40°F to +158°F (-40°C to +70°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

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

SCALE: 1:2

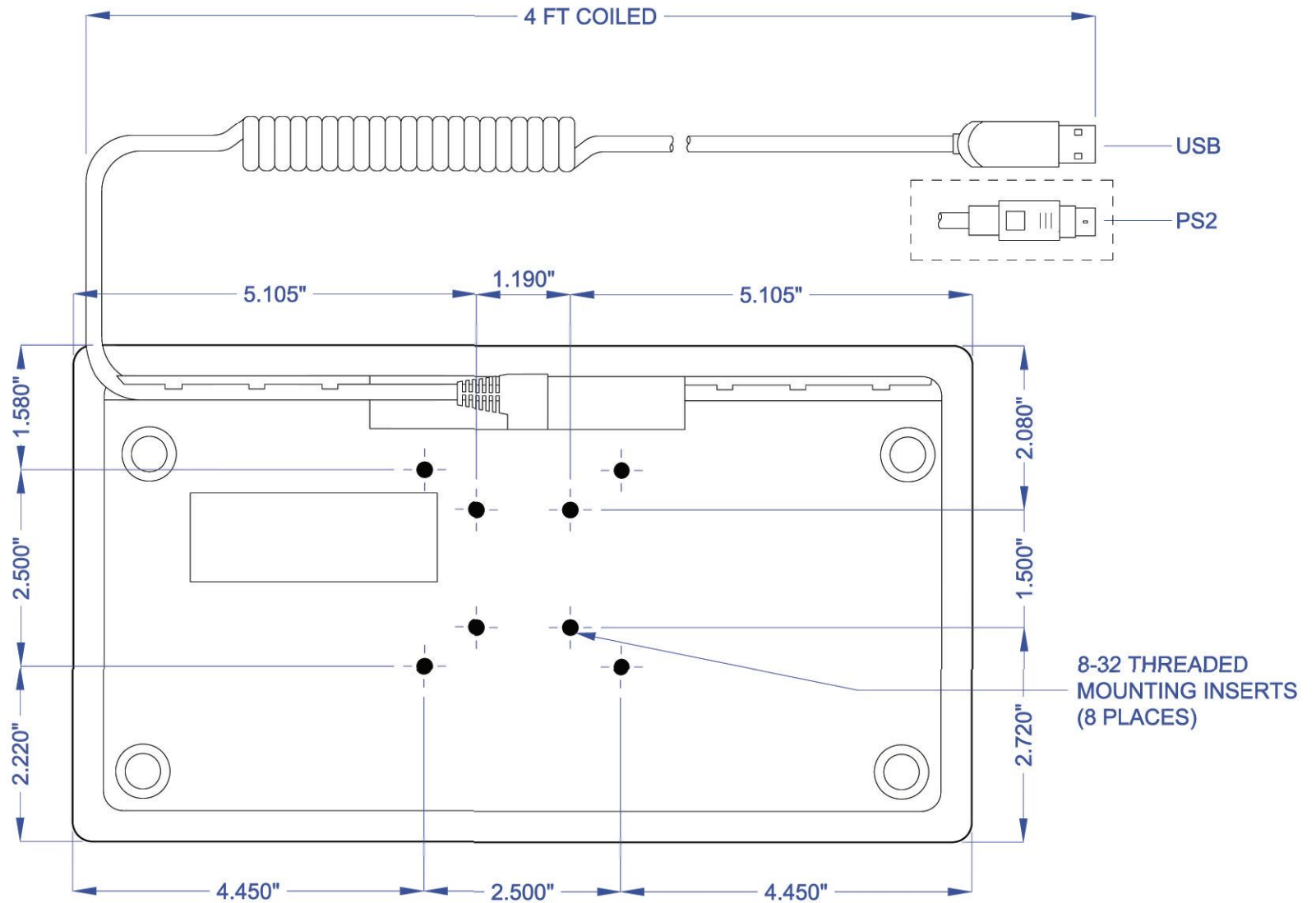| Part Number: DP-88	Drawing Number: MKT0137	Sheet: 1 OF 2	
Drawing Title: DP-88-MKT	Revision: 1.00	Date: 08.15.08	JWB

DP-88 BACK/MOUNTING

4 FT COILED

USB

PS2

5.105"   1.190"   5.105"

1.580"   2.080"

2.500"   1.500"

8-32 THREADED
MOUNTING INSERTS
(8 PLACES)

2.220"   2.720"

4.450"   2.500"   4.450"

ENCLOSURE CASE: ABS/Polycarbonate

SCALE: 1:2

Part Number: DP-88	Drawing Number: MKT0137	Sheet: 2 OF 2	
Drawing Title: DP-88-MKT	Revision: 1.00	Date: 08.15.08	JWB

I-TECH COMPANY