

SL-91

Small Footprint with Epoxy Keycaps

iKey™s innovative SL-91 mobile keyboard was designed to accommodate rugged applications in manufacturing, material handling and remote data entry. Its unique epoxy-coated keys are arranged for convenient gloved-hand use. It features a small-footprint design, mounting holes in its case and a 10-key numeric pad. Like other keyboards in the iKey line, the SL-91 is constructed using a robust polycarbonate case and industrial silicone keypad, sealing it from dust, liquids and corrosives.



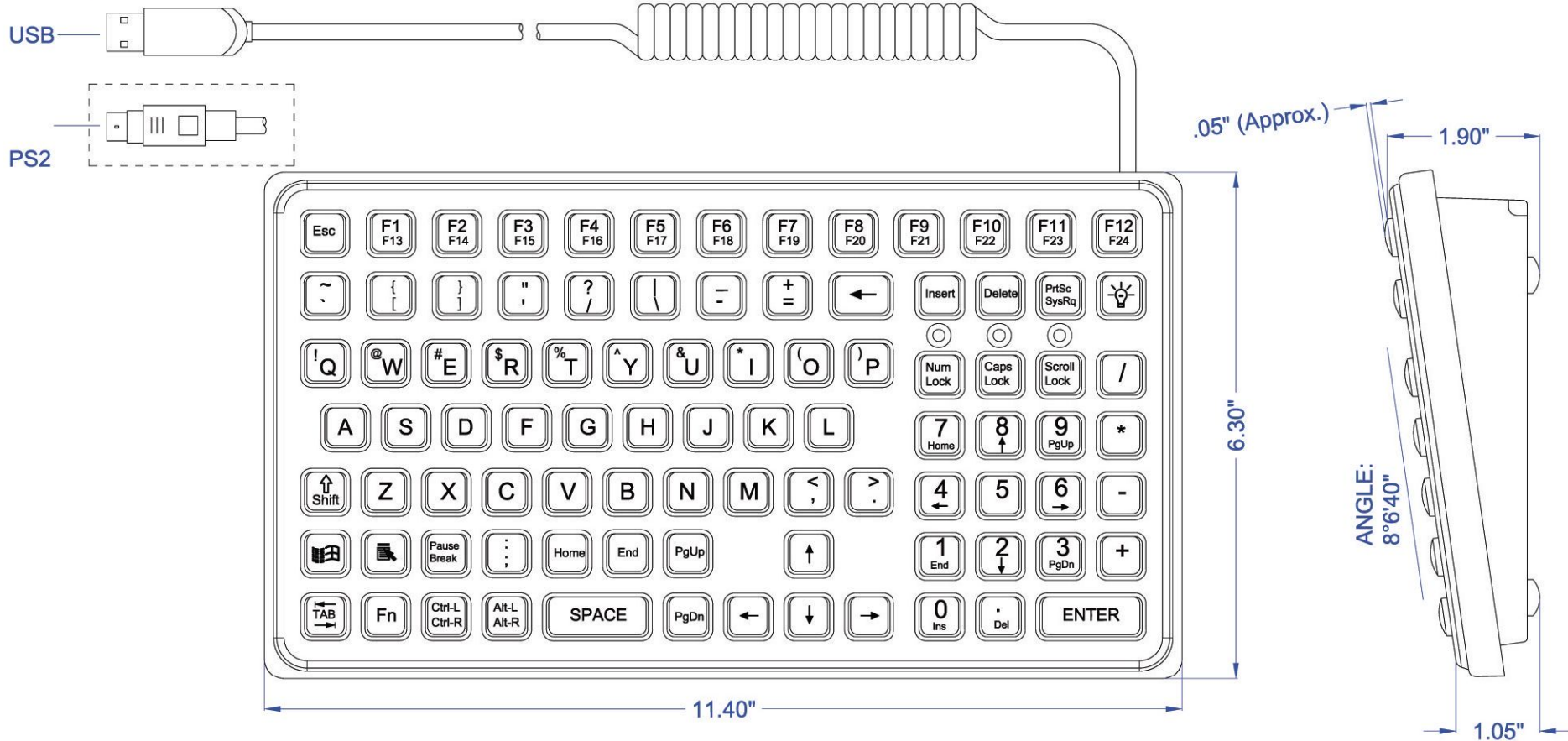
Technical Specifications

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) DESIGN: PS/2 or USB Cable
Key Switch	MATERIAL: Epoxy-Coated Industrial Silicone Rubber LIFE: Greater Than 10 Million Cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.03 oz +/- 0.70 oz (200g +/- 20g) 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: 200mA@5V (Keyboard port) USB: 200mA@5V (from CPU port)
Compatibility	PS/2 KEYBOARD: All Windows Operating Systems USB KEYBOARD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	11.40" x 6.30" x 1.90" (w-h-d) 289.6mm x 160.0mm x 48.3mm
Model Numbers	

Features and Benefits

- 24 Function Keys
- Integrated 10-Key Numeric Pad
- Lightweight ABS Polycarbonate Case
- Built-In Mounting Holes
- Integrated Backlighting
- USB and PS/2 configurations available

SL-91



KEY SWITCH

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 FACEPLATE MATERIAL: ABS/Polycarbonate
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 FEEDBACK: Tactile with Mechanical Snap

TEMPERATURE RANGE

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

VIBRATION

POWER SPECTRAL DENSITY: .04g/HZ
 FREQUENCY RANGE: 20Hz-2Khz
 DURATION OF TEST PER AXIS: 3 hours

POWER

PS2: KEYBOARD: 200mA@5V (from Keyboard port)
 USB: 200mA@5V (from CPU port)

HUMIDITY

100% Humidity Resistant

SHOCK

3 X 11 ms pulses of 50g on each of 3 axis

WEIGHT

2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

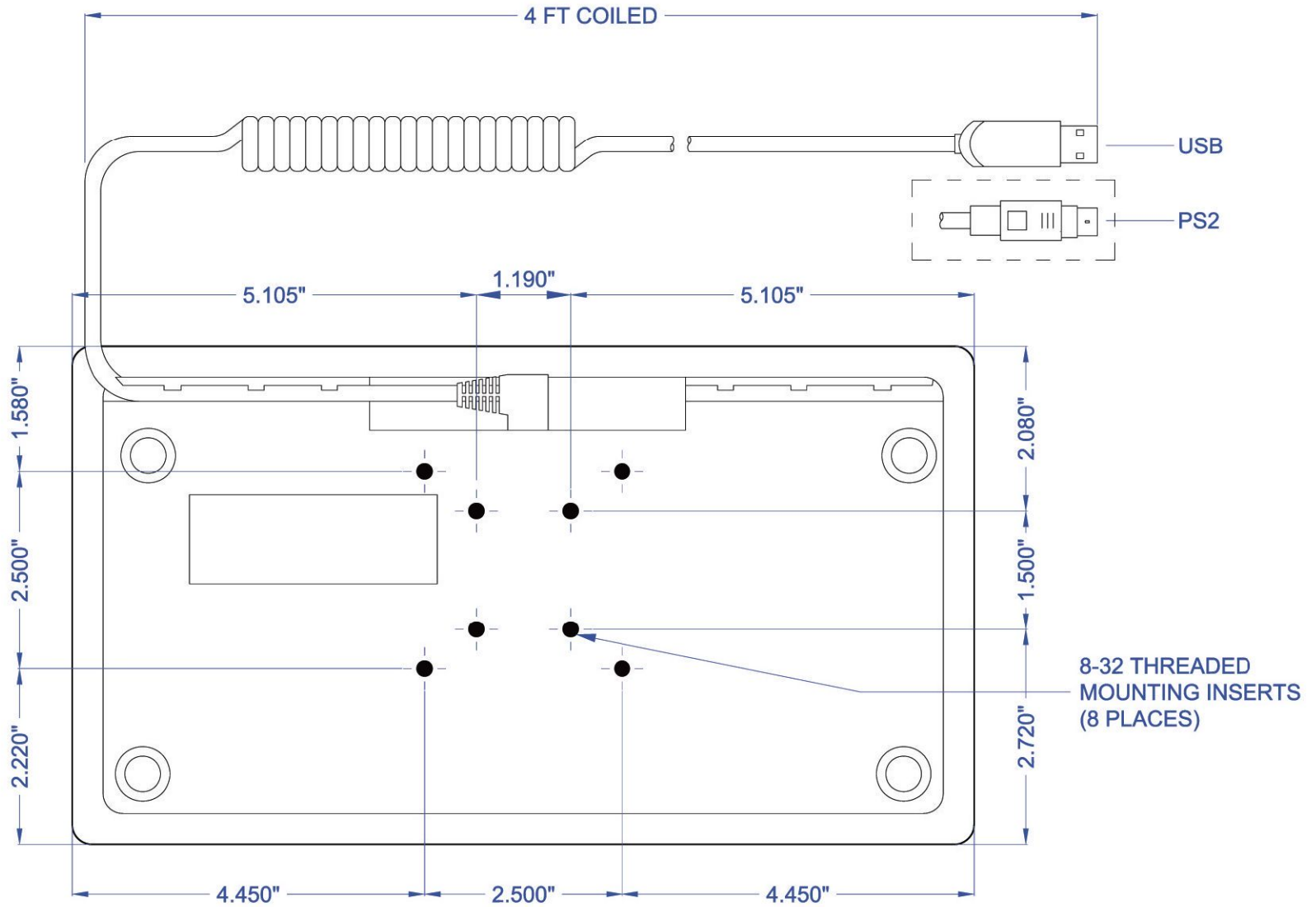
SCALE 1:2

Part Number: SL-91	Drawing Number: MKT0104	Sheet: 1 OF 2	
Drawing Title: SL-91-MKT	Revision: 1.00	Date: 08.25.08	JWB



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SL-91 BACK/MOUNTING



ENCLOSURE CASE: ABS/Polycarbonate

PROPRIETARY AND CONFIDENTIAL

Part Number: SL-91

Drawing Number: MKT0104

Sheet: 2 OF 2

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