⊞ iKey

SL-88-NV

NVIS-Compliant Backlit Keyboard

The SL-88-NV has NVIS-compliant Green B backlighting. Constructed in a small-footprint compact case, the SL-88-NV allows for space saving and mobility, while NVIS backlighting makes this keyboard ideal for aviation or vehicle applications where night vision goggles are necessary. The new generation of SL-88-NV keyboards are specially designed to have night vision-friendly backlighting that eliminates the "bloom" effect of LED lights. The SL-88-NV includes a secondary legend accessed with NumLock and Fn keys.


UNFILTERED KEYBOARD

IKEY NVIS GREEN B COMPLIANT FILTERED KEYBOARDS

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. (1.4mm) ACTUATION FORCE: 7.05 oz +/- 0.71 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 (from Keyboard port) USB: 200mA@5V (from CPU port)
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB 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 +158)
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) 289.6mm x 160mm x 47.2mm
Model Numbers	

Features and Benefits

- 12 Function Keys
- NVIS Compliant -Green B backlighting
- USB and PS/2 configurations available

- 88-Key Functionality
- Polycarbonate Case with Mounting Holes

SL-88-NV

USB —

PS2 —

0.44"

1.86"

6.30"

ANGLE: 8°6'40"

0.98"

11.40"
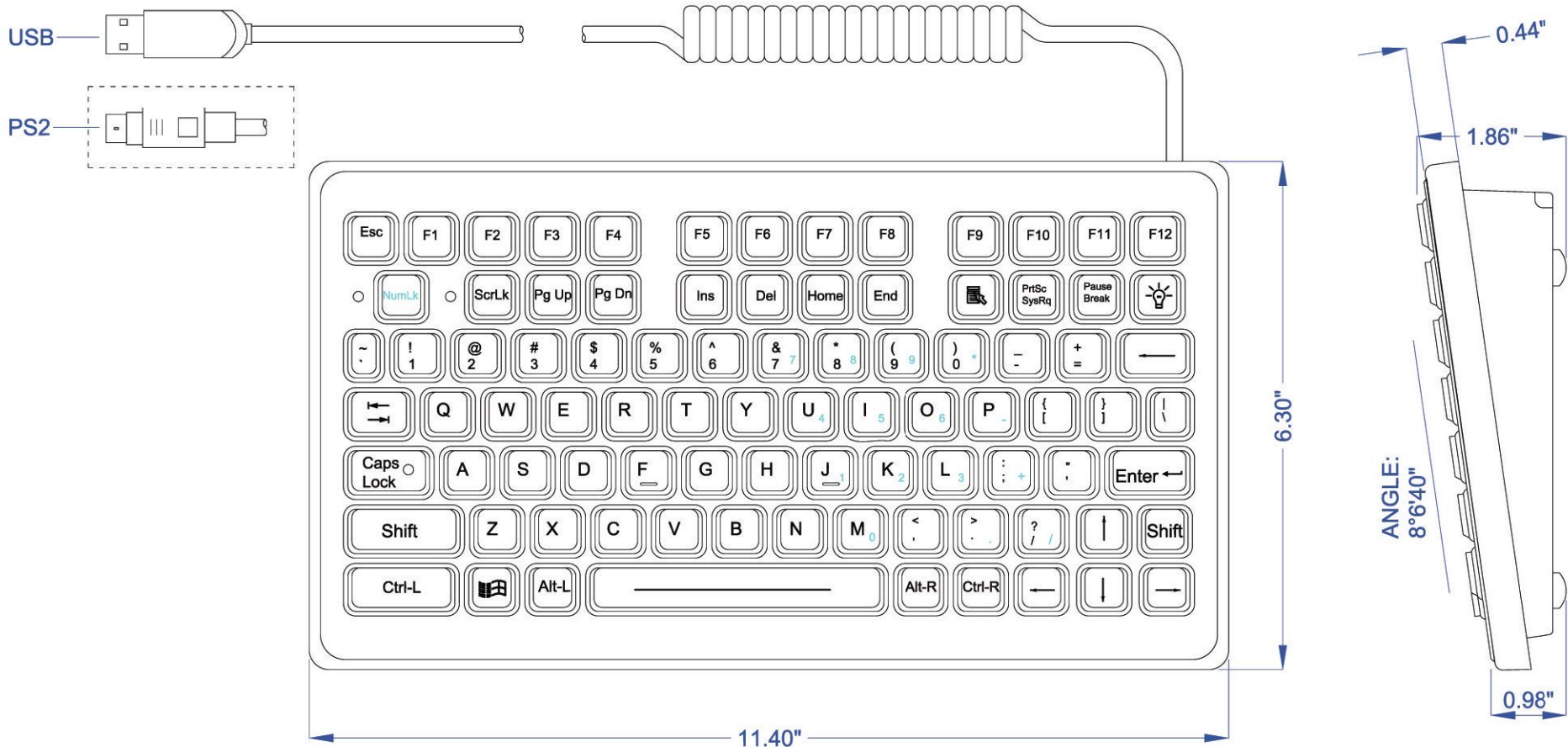
KEY SWITCH

MATERIAL: Industrial Silicone Rubber
LIFE: Greater Than 10 Million Cycles
TRAVEL: 0.055 in.
ACTUATION FORCE: 7.05 oz. +/- 0.71 oz (200g +/- 20g)
FEEDBACK: Tactile with Mechanical Snap

POWER

PS2: KEYBOARD: 200mA@5V (from Keyboard port)
USB: 200mA@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:	SL-88-NV	Drawing Number: MKT0113	Sheet: 1 OF 2	
Drawing Title:	SL-88-NV-MKT	Revision: 1.00	Date: 08.25.08	JWB

SL-88-NV 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"
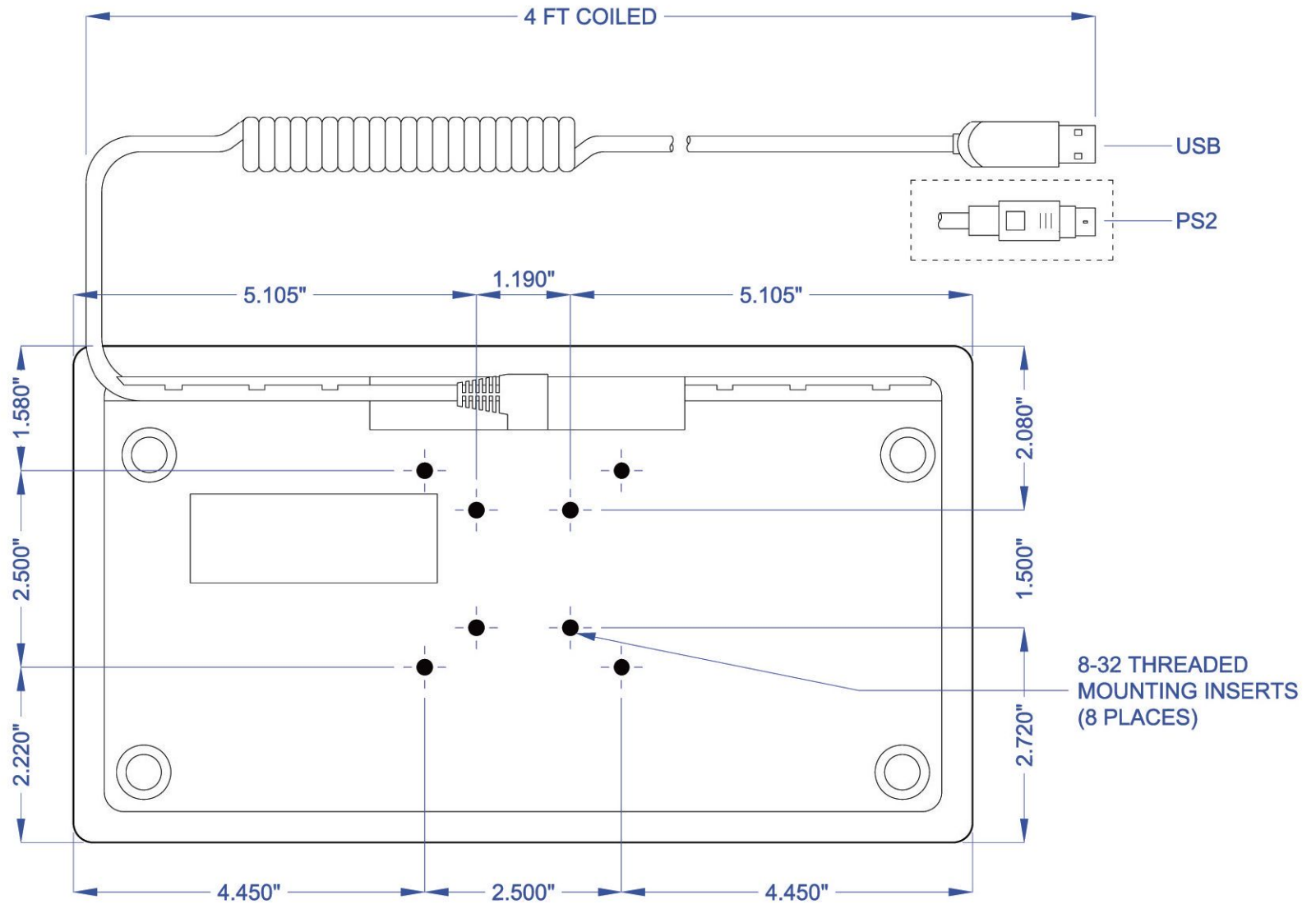
ENCLOSURE CASE: ABS/Polycarbonate

SCALE 1:2

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i-TECH COMPANY