

# DW-5K-NI

## Nonincendive Wireless Keyboard



The DW-5K-NI is a nonincendive, wireless keyboard built for use in hazardous locations and is FM-approved for Class I, Division II, Groups A, B, C and D. The DW-5K-NI boasts a 30-foot RF range, while operating in continuous power conservation mode for a 6-month average battery life. Because the DW-5K-NI uses radio frequency signals, it is not susceptible to the line-of-sight issues associated with infrared keyboards. The DW-5K-NI utilizes a USB dongle for plug and play ease, including automatic keyboard detection by the host computer. In addition, the DW-5K-NI comes with a manual binding feature that locks in the keyboard's signal, providing keystroke security, the ability to operate multiple wireless keyboards within the same environment and a barrier from interference with other wireless devices. With its sealed, silicone rubber keypad and robust ABS polycarbonate case, the DW-5K-NI is designed to meet NEMA 4X specifications, meaning the unit is resistant to water, dust and corrosive liquids.

### Technical Specifications

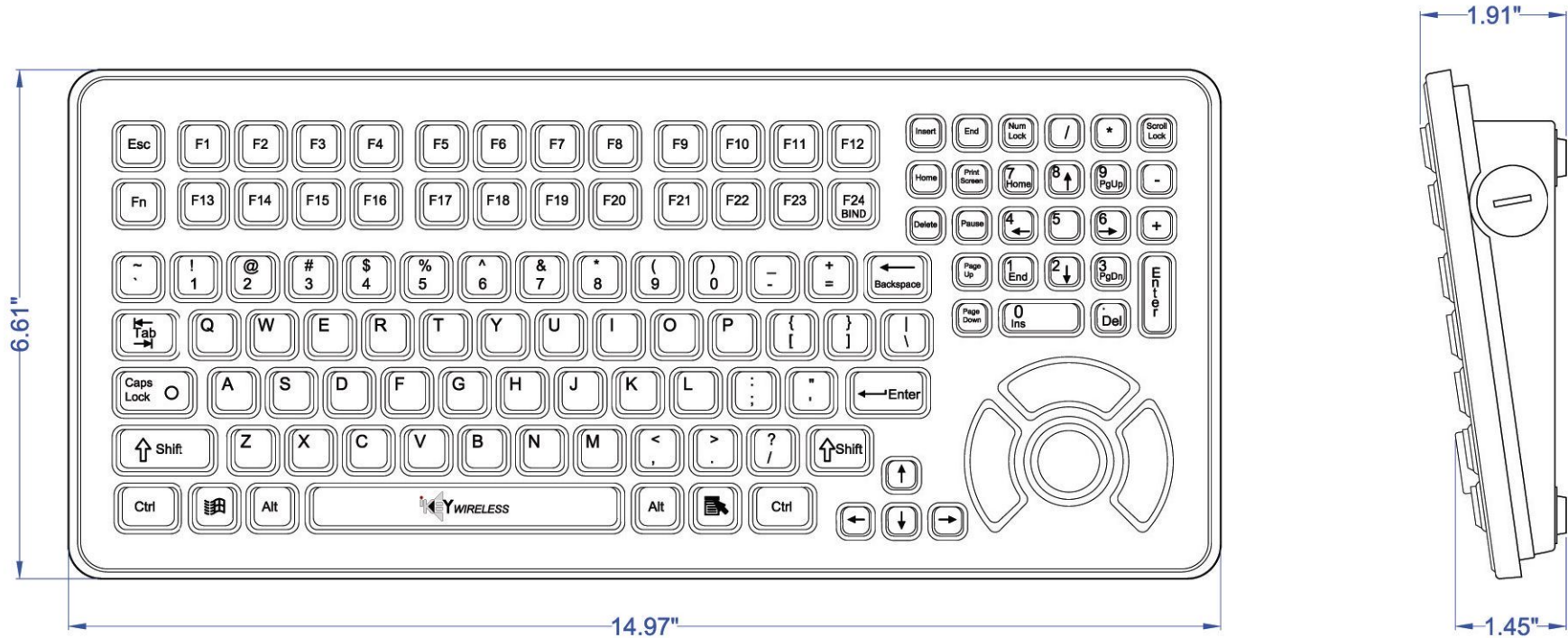
Certifications	NEMA 4X, CE UL60950, FCC Part 15, Class B Factory Mutual for Class I, Division II, Groups A, B, C and D
Shock	3 x 11 ms pulses of 50g on each of 3 axes
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 6.35 oz +/- 1.06 oz (180g +/- 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/HULAPOINT: 3 AA batteries DONGLE: USB
Compatibility	KEYBOARD/HULAPOINT: Wireless interface connects to USB dongle, All Windows OS
Temperature Range	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
Weight	2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	14.97" x 6.61" x 1.91" (w-h-d) 380.2 mm x 167.9 mm x 48.5 mm
Model Numbers	DW-5K-NI

### Features and Benefits

- 10-Key Numeric Pad
- 24 Function Keys
- Manual Binding Key
- Up to a 30-foot Range
- 116-Key Functionality
- Integrated HulaPoint II Pointing Device
- Nonincendive for Hazardous Environments
- WirelessUSB Technology (2.4GHz)

# DW-5K-NI

DATE	CHANGES	INTL	REV
08.27.09	Original	JB	1.0



## KEY SWITCH

**MATERIAL:** Industrial Silicone Rubber  
**LIFE:** Greater Than 10 Million Cycles  
**TRAVEL:** 0.055 in.  
**ACTUATION FORCE:** 6.35 oz. +/- 1.06oz (180g +/- 30g)  
**FEEDBACK:** Tactile with Mechanical Snap

## POWER

**WIRELESS:**  
 Three AA batteries specified on Control Drawing HL0009

## 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:** .04g<sup>2</sup>/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

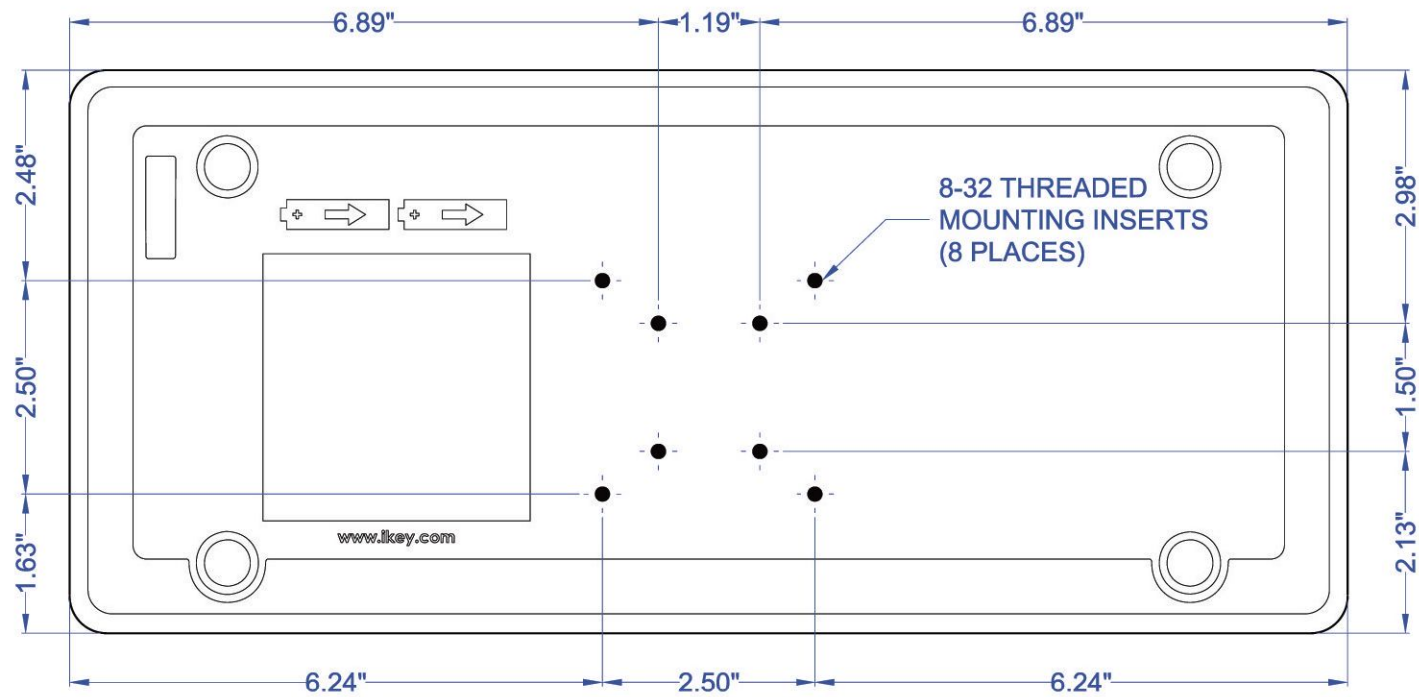
2.25 lbs +/- 0.10 lbs (1.02 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

Part Number: DW-5K-NI	Drawing Number: MKT0216	Sheet: 1 OF 2
Drawing Title: DW-5K-NI-MKT	Revision: 1.0	Date: 08.27.09 JWB

# DW-5K-NI BACK / MOUNTING



ENCLOSURE CASE: ABS/Polycarbonate

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

Part Number: DW-5K-NI	Drawing Number: MKT0216	Sheet: 2 OF 2	
Drawing Title: DW-5K-NI-MKT	Revision: 1.0	Date: 08.27.09	JWB



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