

PM-102-SS

Panel Mount Stainless Steel Keyboard with Touchpad

iKey has combined the convenience of a panel-mounted, touchpad keyboard with the rugged strength of stainless steel in the new PM-102-SS industrial keyboard. Stainless steel is known for its longevity, corrosion resistance and ability to retain strength in extreme temperatures. It's also low-maintenance and easy to clean. Each of these characteristics make stainless steel an excellent material for keyboards used in industrial and food processing applications. The durable PM-102-SS is completely sealed and designed to meet NEMA 4X and IP66 specifications when properly installed.



Technical Specifications

Certifications	NEMA 4X, IP66
Shock	3 x 11 ms pulses of 50g on each of 3 axes
Key Switch	MATERIAL: Brushed Stainless Steel LIFE: Greater than 10 Million Cycles TRAVEL: 0.079 in. (2mm) ACTUATION FORCE: 4.23 oz. +/- 0.18 oz. (120g +/- 5g)
Vibration	POWER SPECTRAL DENSITY: .04g ² /HZ FREQUENCY OF RANGE: 20Hz-2Khz DURATION OF TEST PER AXIS: 3 hours
Power	PS/2: KEYBOARD: 50mA@5V (from Keyboard port) TOUCHPAD: 10mA@5V (from Mouse port) USB: 60mA@5V (from CPU port)
Compatability	PS/2 KEYBOARD/TOUCHPAD: All Windows Operating Systems USB KEYBOARD/TOUCHPAD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +65C (-40F to +149F) OPERATING: -20C to +60C (-4F to +140F)
Weight	5.00 lbs +/- 0.10 lbs (2.27 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100% Humidity Resistant
Dimensions	17.700" x 9.020" x 1.575" (w-h-d) 449.6mm x 229.1mm x 40.0mm
Model Numbers	PM-102-SS-PS2: With PS/2 Cable PM-102-SS-USB: With USB Cable

Features and Benefits

- Integrated Touchpad
- Low-profile stainless steel keys
- PS/2 or USB configurations available
- Stainless Steel Bezel

PM-102-SS



KEY SWITCH

MATERIAL: Brushed Stainless Steel
 LIFE: Greater Than 10 Million Cycles
 TRAVEL: 0.079 in.
 ACTUATION FORCE: 4.23 oz. +/- 0.18oz (120g +/- 5g)
 FEEDBACK: Tactile with Mechanical Snap

POWER

PS2:
 KEYBOARD: 50mA@5V (from Keyboard port)
 POINTER: 10mA@5V (from Mouse port)
 USB: 60mA@5V (from CPU port)

TEMPERATURE RANGE

STORAGE: -40°F to +149°F (-40°C to +65°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

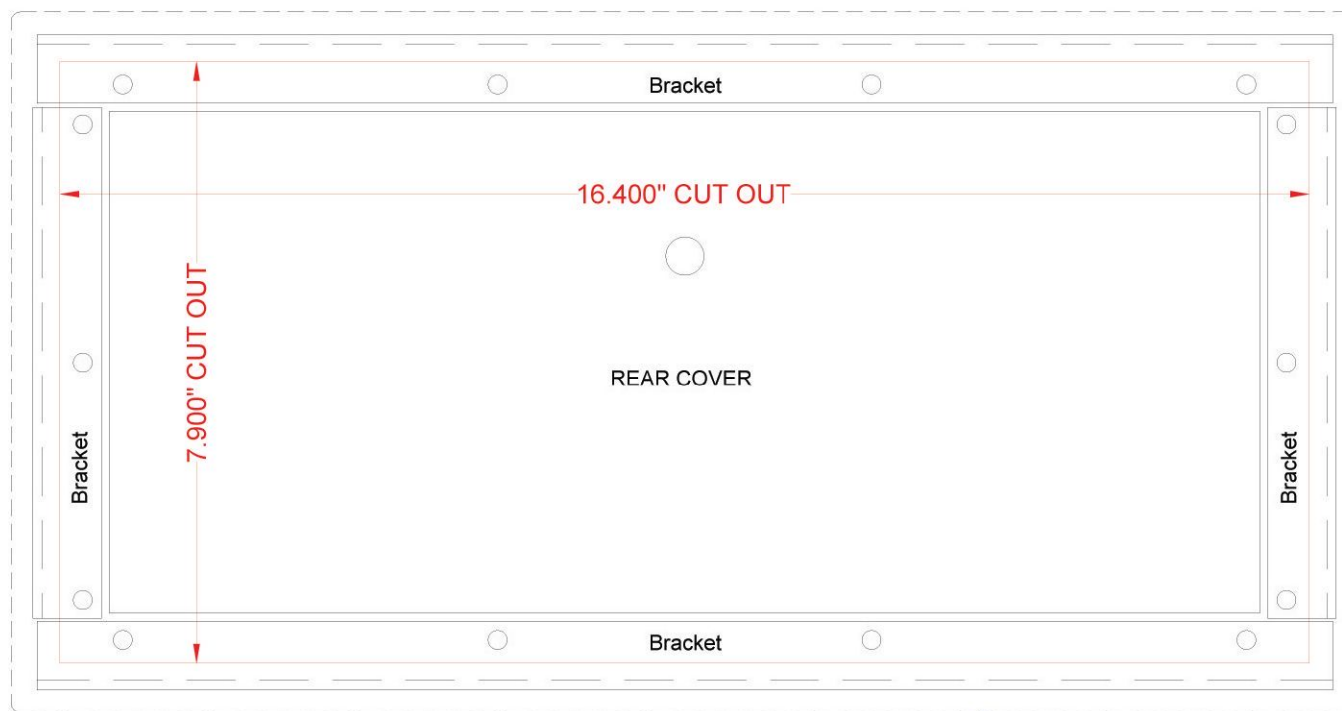
5.00 lbs +/- 0.10 lbs (2.27 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

Part Number: PM-102-SS	Drawing Number: MKT0231	Sheet: 1 OF 1
Drawing Title: PM-102-SS-MKT	Revision: 1.1	Date: 11.12.10 JMW

PM-102-SS BACK/MOUNTING



BEZEL OUTLINE

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.5

Part Number: PM-102-SS

Drawing Number: MKT0231

Sheet: 2 OF 2

Drawing Title: PM-102-SS-MKT

Revision: 1.1

Date: 11.12.10

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