

# PMU-5K-TP2

## Panel Mount Keyboard with Touchpad

iKey's rugged panel mount keyboards allow for easy integration into workstations or other industrial environments. The PMU-5K-TP2 combines a Cirque extended temperature touchpad with left and right-click buttons underneath and a 10-key numeric keypad to provide dual functionality in one compact unit. Its 24 function keys provide user versatility. This keyboard also offers user Windows keys for ease of access to the operating system.



### Technical Specifications

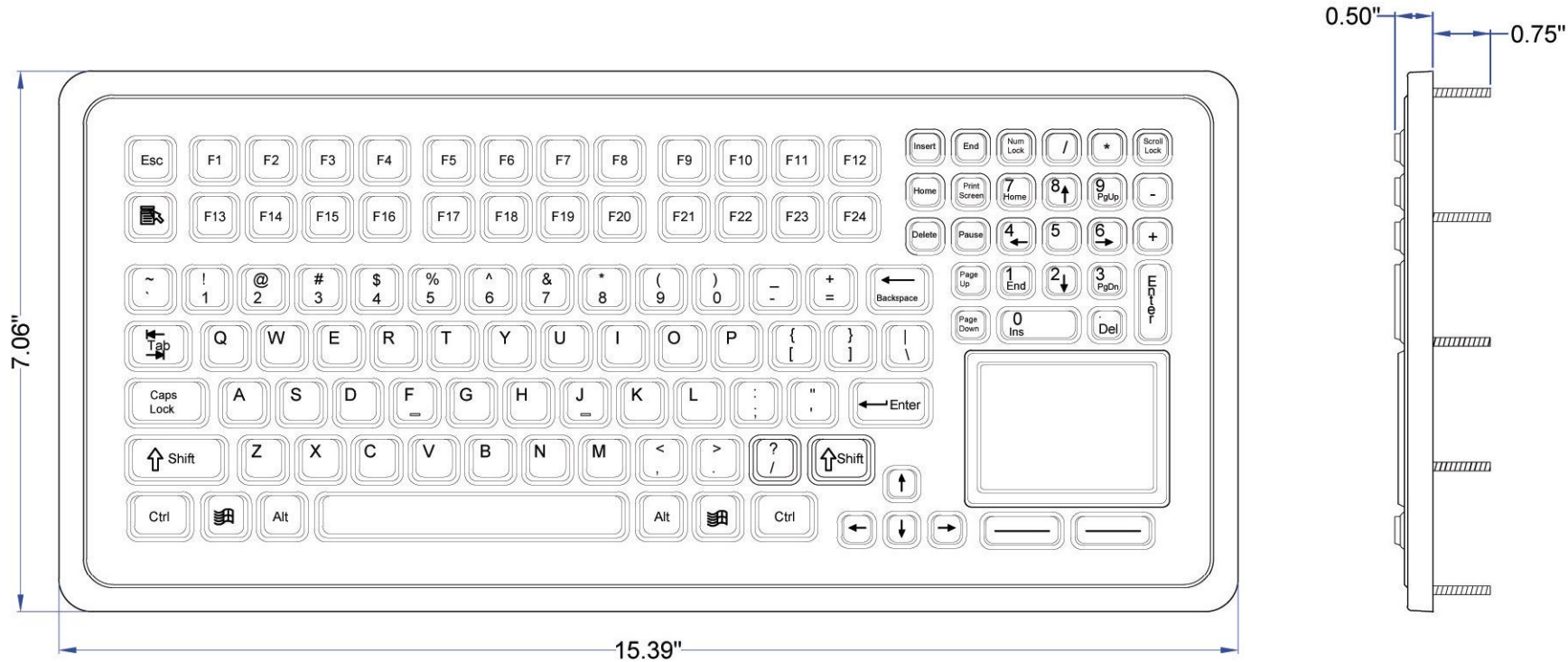
|                   |  |
|-------------------|--|
| Certifications    | NEMA 4X, CE UL60950, FCC Part 15 Class B   |
| Shock             | 3x11 ms pulses of 50g on each of 3 axes  |
| Cable             | LENGTH: 10 feet (3 meters) DESIGN: "Y" PS/2 (providing separate keyboard and mouse connections)  |
| Key Switch        | MATERIAL: Industrial Silicone Rubber LIFE: Greater than 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             | PS2: KEYBOARD: 50mA@5V (from Keyboard port) POINTER: 10mA@5V (from Mouse port) USB: 60mA@5V (from CPU port)  |
| Compatibility     | PS/2 KEYBOARD/TOUCHPAD: All Windows Operating Systems  |
| Temperature Range | STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)  |
| Weight            | 2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)  |
| Warranty          | 1 year limited warranty  |
| Humidity          | 100% (when properly installed)   |
| Dimensions        | 15.39" x 7.06" x 0.50" (w-h-d) 390.9mm x 179.3mm x 12.7mm SCREWS: 0.75" (19.1mm) CUTPIT: 13.52" x 5.18" (w-h) 343.4mm x 131.6mm  |
| Model Numbers     |  |

### Features and Benefits

- 10-Key Numeric Pad
- ABS Polycarbonate Frame with 8-32 Mounting Studs
- MS Windows Function Keys
- 24 Function Keys
- Integrated Touchpad
- USB and PS/2 configurations available

# PMU-5K-TP2

| DATE     | CHANGES                             | INTL | REV |
|----------|-------------------------------------|------|-----|
| 07.01.08 | Original                            | JB   | 1.0 |
| 06.05.09 | Update All Dimensions and Temp Spec | JB   | 2.0 |
| 01.05.11 | Updated Temp Spec                   | JMW  | 2.1 |
| 01.31.11 | Improved PDF/Print resolution       | TWH  | 2.2 |



## 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

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 +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<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 axes

## WEIGHT

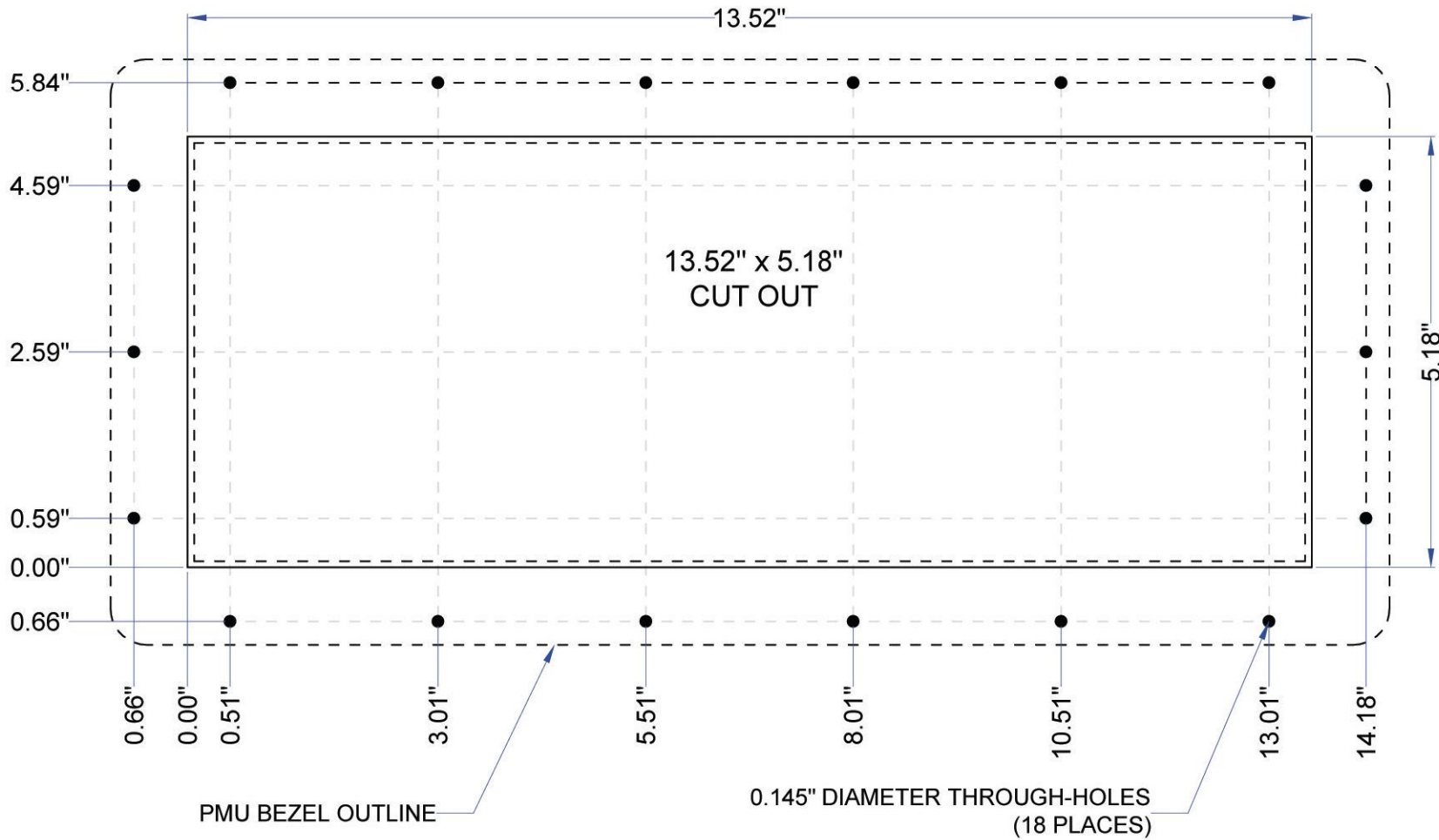
2.00 lbs +/- 0.10 lbs (0.91 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2.25

|                               |                         |                      |
|-------------------------------|-------------------------|----------------------|
| Part Number: PMU-5K-TP2       | Drawing Number: MKT0111 | Sheet: 1 OF 2        |
| Drawing Title: PMU-5K-TP2-MKT | Revision: 2.2           | Date: 01.31.11   TWH |

# PMU-5K-TP2 MOUNTING



PMU BEZEL: ABS/Polycarbonate with 4-40 x 0.75" Metal Studs (18 Places)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

|  |                               |                         |                |     |
|--|-------------------------------|-------------------------|----------------|-----|
|  | Part Number: PMU-5K-TP2       | Drawing Number: MKT0111 | Sheet: 2 OF 2  |     |
|  | Drawing Title: PMU-5K-TP2-MKT | Revision: 2.2           | Date: 01.31.11 | TWH |



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 i-Tech Company LLC  
 TOLL FREE: (888) 483-2418 • EMAIL: [info@iTechLCD.com](mailto:info@iTechLCD.com) • WEB: [www.iTechLCD.com](http://www.iTechLCD.com)