

# Product Bulletin

## Molded Elastomer Technology Enclosed 104 Key Rugged Keyboard SERIES M756

Perfect For COTS and Industrial Applications

- **NEMA4 Rugged Duty Keyboards**
- **QWERTY Layout with 104 Keys**
- **PS/2 and PC-AT Compatible**
- **Built-In Mouse Pointer**
- **LED Backlighting Keys (optional)**
- **Advanced Laser Process For Super Sharp, Long Lasting Keytop Legends**
- **Colors: Charcoal Black, Gray**
- **Custom Keyboard Variations Available**



### NEW DESIGN

StacoSwitch's Series M756 Molded Elastomer Technology (MET) keyboard was designed for rugged duty computer applications. Based on the popular M7 61 Key QWERTY Keyboard, these keyboards are ergonomically designed with an exciting new look. Best of all, the keyboards boast StacoSwitch quality, giving you the reliability and durability that your industrial and military COTS applications demand.

### APPLICATIONS

MET keyboards are manufactured to meet exacting specifications. They are watertight sealed and dustproof, meet a NEMA 4 water resistance rating and will perform well under severe environmental conditions.

### MOUSE POINTER

The mouse pointer device has two activation buttons for left and

right mouse clicks and interfaces through the 6 Pin serial mouse port connector. The mouse pointer device can be activated by fingertip pressure in the desired direction of display cursor movement. Its ruggedness makes it the perfect addition for this keyboard.

### BACKLIGHTING (OPTIONAL)

All keys have been provided with even backlighting. Backlighting is from constant lit green LED's for a pleasant soft glow in dark to soft-lighted rooms. Power requirements for optimal LED backlighting are 2.2 amps @ 2.1 VDC. Alternatively, a variety of different levels of backlighting can be achieved by the customer controlling the amount of power to the provided power inputs.

### FN KEYS

The keyboard has 12 function keys, F1 to F12, and a numeric "ten key" arrangement which is implemented on the right hand side of the keyboard. Thirteen screen and cursor control keys are also provided.

### PLASTIC KEYTOPS

Plastic keycaps are inserted over the molded elastomer keytop providing a superior tactile feel.

### COMPACT

With its built-in palm rest, outline measurements are a compact 478 X 219 X 37 millimeters (18.8 X 8.6 X 1.4 inches). Key to key spacing is maintained at an industry standard human factors 19 millimeters (0.75 inch).

### STANDARD COLORS

Standard colors are: Charcoal Black enclosure, dark gray keypads, gray keycaps in the "alpha key sections" and Charcoal black keycaps in the "peripheral" key sections.

# Features

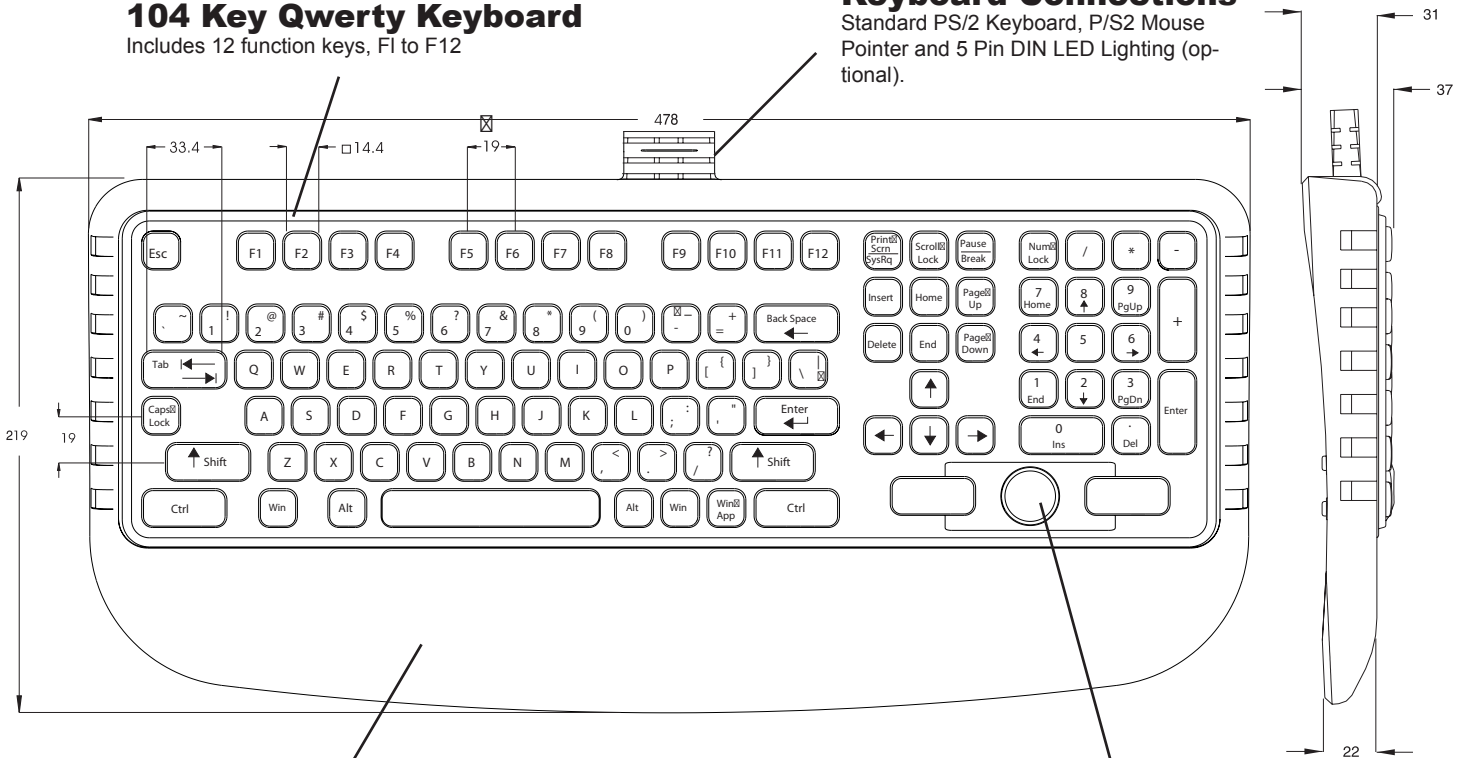
## MET QWERTY Keyboard SERIES M756

### 104 Key Qwerty Keyboard

Includes 12 function keys, F1 to F12

### Keyboard Connections

Standard PS/2 Keyboard, P/S2 Mouse Pointer and 5 Pin DIN LED Lighting (optional).



### Built-In Palm Rest

Provides comfort for longer data entry tasks.

### Mouse Pointer

2-Button, pressure sensitive tracks well with GUI applications.

All Dimensions are in millimeters.

# Summary

## Keyboard Specifications

### Mechanical

Actuating Force 120 +/- 20 grams  
Travel 1.27 +/- .13 mm

### Electrical

Keyboard Standard 6 Pin PS/2  
Mouse Standard 6 Pin PS/2  
Lighting LED, Green, Wall Mount  
Power Supply 2.2 A @ 2.1

### Temperature

-25°C(-13°F) to +65°C(149°F)

### Moisture Resistance

Watertight NEMA 4  
Moisture Resistance 10 cycles, 240 hours, 90-98% RH, 65°C to 25°C, 10 day cycle

### Shock

100 G Peak, 11 ms dur, 3 axis.

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