

# NEW MSI-8004HD

Indicator/RF LED Remote Display



## Specifications

### Display

Six-digit, 1.5 in (38 mm) LED display with red/green or blue coloring

### Enclosure:

NEMA Type 4, IP65 milled anodized aluminum

### Keypad:

On/Off, Zero, Tare, Print and two user-defined keys

### Functions:

Peak hold, high resolution, total, view total, net/gross, units switching

### Units

Pounds, kilograms, tons, metric tons, kilonewtons

### Annunciators:

Stable, CO<sub>2</sub>, peak, kg, kN, lb, M, ton, setpoint, function LEDs,

### Channels

1, 2, 3, 4, TTL

### Power:

90-267 VAC, 9-36 VDC, 18-72 VDC, 120-300 VDC

### Temperature:

-4° F to 140° F (-20° C to 60° C)

### RF Remote Channels:

Up to 4 remote sensors monitored individually, in pairs or sum all (non-A/D version only) (when used with TranSend)

### Service Counters:

A/D version only

### A/D Inputs:

Four independent or summing load cell inputs

### Excitation:

4.8 V current limited and over-voltage protected

### Filtering:

Off, Low, Hi-1, Hi-2

### RF Radio Link

2.4 GHz 802.15.4, optional second channel for Serial RF, 802.11 Wi-Fi, cellular connectivity or Bluetooth\*

### RF Effective Range:

Typically 300 ft (91.44 m) line of sight

### Data I/O:

Two RS-232 hard wired communication ports

### Approvals:

NTEP COC #17-036, Measurement Canada

### Warranty:

One-year limited warranty

## Standard Features

- IP65 rugged milled aluminum enclosure
- Backlit membrane keypad for user functioning and controls
- Tilt bracket included

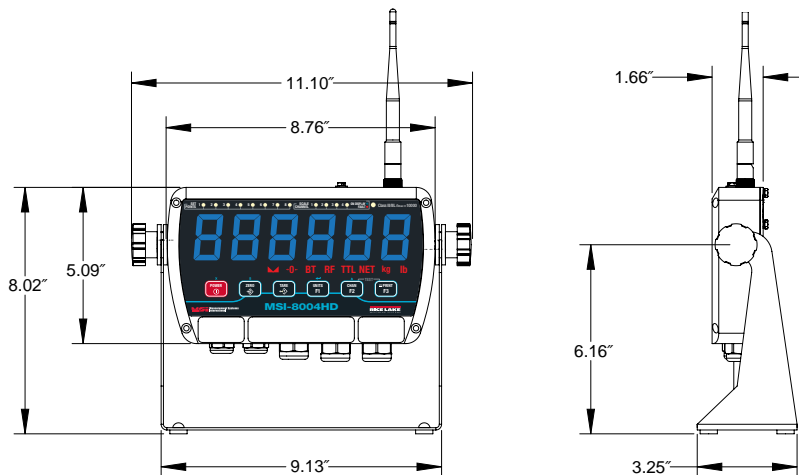
## Options

- Expanded relay outputs
- Battery pack for mobile operation
- 2nd radio module for additional network connectivity

## Approvals



Measurement  
Canada  
Approved



**Part Number/Price**

| Indicator      |  |            |
|----------------|--|------------|
| Part #         | Description  | Price      |
| 178263         | MSI-8004HD Indicator, 4CH AC, Blue 85~264VAC, 47~440 Hz, 120~370VDC  | \$1,770.00 |
| 178265         | MSI-8004HD Indicator, 4CH AC, Red/Green 85~264VAC, 47~440 Hz, 120~370VDC   | \$1,720.00 |
| 178267         | MSI-8004HD Indicator, 4CH DC 8-32V, Blue Best for external 12V SLA Batteries   | \$1,780.00 |
| 178269         | MSI-8004HD Indicator, 4CH DC 8-32V, Red/Green Best for external 12V SLA Batteries                                    | \$1,745.00 |
| 178270         | MSI-8004HD Indicator, 4CH DC 9-36V Iso, Blue Do not use on 12V Vehicle Systems                                       | \$1,780.00 |
| 178271         | MSI-8004HD Indicator, 4CH DC 9-36V Iso, Red/Green Do not use on 12V Vehicle Systems                                  | \$1,820.00 |
| 178273         | MSI-8004HD Indicator, 4CH DC 18-75V Iso, Blue  | Consult    |
| 178274         | MSI-8004HD Indicator, 4CH DC 18-75V Iso, Red/Green   | Consult    |
| 178276         | MSI-8004HD Indicator, 4CH DC 5V, Blue For use with external 15W, 5V Power Supplies                                   | Consult    |
| 178278         | MSI-8004HD Indicator, 4CH DC 5V, Red/Green For use with external 15W, 5V Power Supplies                              | Consult    |
| 183480         | MSI-8004HD Indicator, 4CH DC 5V Blue, 1.5 in LED Display For use with external 15W, 5V Power Supplies                | \$1,610.00 |
| 183481         | MSI-8004HD Indicator, 4CH DC 5V Red/Green 1.5 in LED Dual Color Display For use with external 15W, 5V Power Supplies | \$1,725.00 |
| Remote Display |  |            |
| 178279         | MSI-8004HD Display, AC, Blue 85~264VAC, 47~440 Hz, 120~370VDC  | \$1,620.00 |
| 178281         | MSI-8004HD Display, AC, Red/Green 85~264VAC, 47~440 Hz, 120~370VDC   | \$1,675.00 |
| 178282         | MSI-8004HD Display DC, 8-32V, Blue Best for external 12V SLA Batteries   | \$1,605.00 |
| 178283         | MSI-8004HD Display, DC 8-32V, Red/Green Best for external 12V SLA Batter   | \$1,635.00 |
| 178284         | MSI-8004HD Display, DC 9-36V Iso, Blue Do not use on 12V Vehicle Systems   | \$1,685.00 |
| 178285         | MSI-8004HD Display, DC 9-36V Iso, Red/Green Do not use on 12V Vehicle Systems  | \$1,710.00 |
| 183478         | MSI-8004HD Display, DC 9-36V Iso, Blue, 1.5 in LED Display Do not use on 12V Vehicle Systems                         | \$1,450.00 |
| 183479         | MSI-8004HD Display, DC 9-36V Iso, Red/Green, 1.5 in Dual Color LED Display Do not use on 12V Vehicle Systems         | \$1,480.00 |

**Options**

| Part # | Description   | Price      |
|--------|---|------------|
| 148624 | Serial Cable, RS-232 9000 Serial Cable, DCE   | \$105.00   |
| 139309 | Antenna Kit, Long Range Omni-directional, 9dBi with 3m Coax<br>Intended for omni-directional mast mounting (up to 2" Ø). Beam-width. Must be mounted vertically.  | \$405.00   |
| 139310 | Antenna Kit, Corner Reflector, 9 dBi with 3 m coax intended for directional wall or mast mounting (up to 2" Ø). Beam-width: 75°<br>Elevation, 65° Azimuth   | \$400.00   |
| 139311 | Antenna Kit, Corner Reflector, 12 dBi with 3 m coax intended for directional wall or mast mounting (up to 2" Ø). Beam-width: 50°<br>Elevation, 36° Azimuth  | \$430.00   |
| 139312 | Antenna Kit, YAGI, 15 dBi with 3 m coax highly directional wall or mast mounting (up to 2" Ø). Beam-width: 30° Elevation, 34° Azimuth   | \$330.00   |
| 139313 | Antenna Kit, Vehicle Mount, 5 dBi with 5 m coax omni-directional. Mounts in 3/4" Hole.  | \$120.00   |
| 155173 | Option kit, tilt stand  | \$65.00    |
| 155193 | Option kit, Ethernet (hard wired) RJ-45 Cable (included)  | \$360.00   |
| 171203 | Audible alarm Not compatible with battery versions 22436  | \$295.00   |
| 22436  | Cable, Comm DB9F 9 Pin Fem One end stripped and tinned on other end 6' Pin 2 (Brown) Pin 3 (Red) Pin 5 (Yellow) For use with MSI-8004HD serial ports to connect to: Scoreboard displays, printers, computers & other equipment that supports RS-232 | \$55.00    |
| 183437 | Battery, 5V Li-ion battery with USB power ports. Output 5V/3.0A per port (6.0 A max)Rate, 2A per port (4A if both ports are used)   | \$185.00   |
| 184132 | 8004 option kit, Bluetooth® with SMA antenna  | \$130.00   |
| 184131 | 8004 option kit, WiFi with SMA antenna  | \$155.00   |
| 182224 | Power Adapter, 12VDC 5VDC Dual USB Car Charger plus 3ft USB Cable   | \$40.00    |
| Relays |   |            |
| 172500 | Expanded Relays Option Kit, four-channel, 3A, 60VPK SSR form C  | \$955.00   |
| 172501 | Expanded Relays Option Kit, eight-channel, 3A 60VPK, SSR form C   | \$1,275.00 |
| 172493 | Expanded Relays Option Kit, four-channel, 3A 60VPK, AC/DC SSR   | \$705.00   |
| 172497 | Expanded Relays Option Kit, eight-channel, 3A 60VPK, AC/DC SSR  | \$955.00   |
| 172494 | Expanded Relays Option Kit, four-channel, 0.9A 200VPK, AC/DC SSR  | \$700.00   |
| 172502 | Expanded Relays Option Kit, eight-channel, 0.9A 200VPK, SSR form C  | \$1,115.00 |
| 172498 | Expanded Relays Option Kit, eight-channel, 0.9A 200VPK, SSR   | \$915.00   |
| 172492 | Expanded Relays Option Kit, four-channel, 12A 5V, momentary   | \$675.00   |
| 172495 | Expanded Relays Option Kit, eight-channel, 12A 5V, momentary  | \$700.00   |
| 172490 | Expanded Relays Option Kit, four-channel, 12A 5V, latching relays   | \$695.00   |
| 171676 | Expanded Relays Option Kit, eight-channel, 12A 5V, latching relays  | \$750.00   |