

MSI-8004HD

Indicator/RF LED Remote Display



Standard Features

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

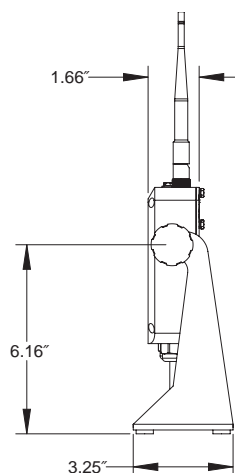
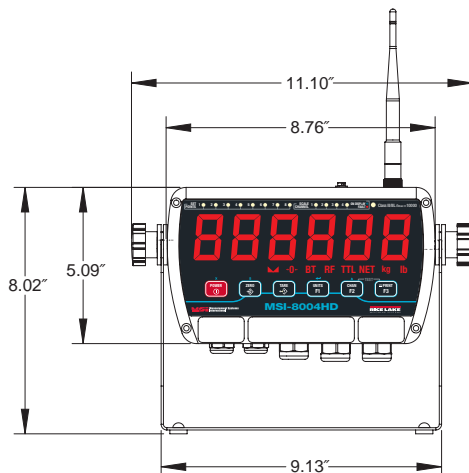
Options:

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

Approvals



Measurement
Canada
Approved



Specifications

Display:

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

Relays:

Two 5V coil, 250VAC, 5A relays

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 (-5° C to 40° C)
Measurement Canada

Warranty:

One-year limited warranty

Part Number/Price

| Indicator | | |
|----------------|---|------------|
| Part # | Description | Price |
| 178265 | MSI-8004HD Indicator, 4CH AC, Red/Green 85~264VAC, 47~440 Hz, 120~370VDC | \$1,745.00 |
| 178269 | MSI-8004HD Indicator, 4CH DC 8-32V, Red/Green Best for external 12V SLA Batteries | \$1,775.00 |
| 178271 | MSI-8004HD Indicator, 4CH DC 9-36V Iso, Red/Green Do not use on 12V Vehicle Systems | \$1,850.00 |
| 178274 | MSI-8004HD Indicator, 4CH DC 18-75V Iso, Red/Green | Consult |
| 178278 | MSI-8004HD Indicator, 4CH DC 5V, Red/Green For use with external 15W, 5V Power Supplies | Consult |
| 183481 | MSI-8004HD Indicator, 4CH 5V Red/Green with external rechargeable battery | \$1,750.00 |
| 196904 | MSI-8004HD Indicator, 4CH AC, Red/Green Instant Power-On, 85-264VAC | \$1,745.00 |
| Remote Display | | |
| 178281 | MSI-8004HD Display, AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC | \$1,700.00 |
| 178283 | MSI-8004HD Display, DC, 8-32V, Red/Green Best for external 12 V SLA Batter | \$1,660.00 |
| 178285 | MSI-8004HD Display, DC, 9-36V Iso, Red/Green Do not use on 12 V Vehicle Systems | \$1,735.00 |
| 183479 | MSI-8004HD Display, 4CH 5V Red/Green with external rechargeable battery | \$1,505.00 |

Options

| Part # | Description | Price |
|----------|---|------------|
| 148624 | Serial Cable, RS-232 9000 Serial Cable, DCE | \$110.00 |
| 139309 | Antenna Kit, Long Range Omni-directional, 9dBi with 3 m Coax Intended for omni-directional mast mounting (up to 2" Ø). Beam-width. Must be mounted vertically. | \$415.00 |
| 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° Elevation, 65° Azimuth | \$410.00 |
| 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° Elevation, 36° Azimuth | \$440.00 |
| 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 | \$340.00 |
| 139313 | Antenna Kit, Vehicle Mount, 5 dBi with 5 m coax omni-directional. Mounts in 3/4" Hole. | \$125.00 |
| 162178 | Antenna extension kit, 5ft | \$395.00 |
| 197013 | Antenna extension kit, 20 ft | \$425.00 |
| 155173 | Option kit, tilt stand | \$70.00 |
| 171203 | Audible alarm Not compatible with battery versions 22436 | \$300.00 |
| 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 | \$60.00 |
| 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) | \$190.00 |
| 184132 * | 8004 option kit, Bluetooth® with SMA antenna | Consult |
| 184131 | 8004 option kit, WiFi with SMA antenna | \$160.00 |
| 187424 | 8004 option kit, 2nd Xbee with TNC antenna | \$175.00 |
| 182224 | Power Adapter, 12VDC 5VDC Dual USB Car Charger plus 3 ft USB Cable | \$45.00 |
| Relays | | |
| 172500 | Expanded Relays Option Kit, four-channel, 3A, 60VPK SSR form C | \$975.00 |
| 172501 | Expanded Relays Option Kit, eight-channel, 3A 60VPK, SSR form C | \$1,300.00 |
| Consult | Expanded Relays Option Kit, four-channel, 0.9A 200VPK, AC/DC SSR | \$715.00 |
| 172502 | Expanded Relays Option Kit, eight-channel, 0.9A 200VPK, SSR form C | \$1,140.00 |
| 172492 | Expanded Relays Option Kit, four-channel, 12A 5V, momentary | \$690.00 |
| 172495 | Expanded Relays Option Kit, eight-channel, 12A 5V, momentary | \$715.00 |
| 172490 | Expanded Relays Option Kit, four-channel, 12A 5V, latching relays | \$710.00 |
| 171676 | Expanded Relays Option Kit, eight-channel, 12A 5V, latching relays | \$765.00 |

* ScaleConnect app only works with certain Android devices. Please contact Rice Lake for potential applications.