

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

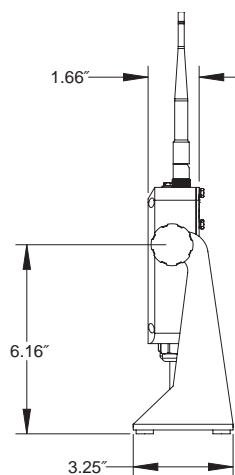
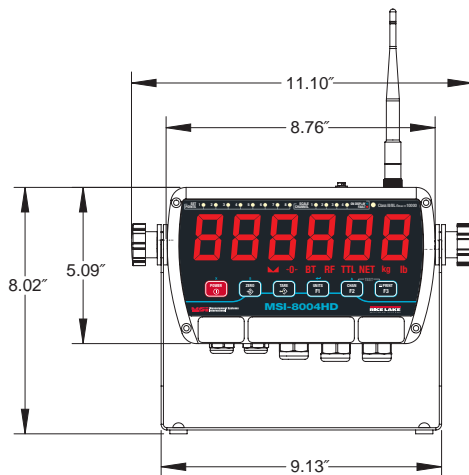
Options:

- 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, 9dBi 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.