

MSI-8004HD

Indicator/RF LED Remote Display



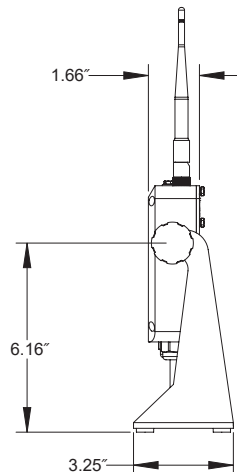
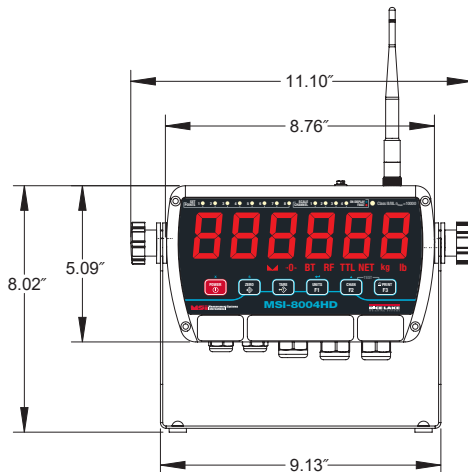
Standard Features

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

Options

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

Approvals



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 100 ft – 300 ft, line of sight; for longer range consult factory

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

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Part Number/Price

Part #	Description	Price
Indicator		
196904	MSI-8004HD Indicator, 4CH AC, Red/Green Instant Power-On, 85~264VAC, 47~440 Hz, 120~370 VDC	Consult
178265	MSI-8004HD Indicator, 4CH AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	Consult
178269	MSI-8004HD Indicator, 4CH DC 8-32 V, Red/Green Best for external 12V SLA Batteries	Consult
178271	MSI-8004HD Indicator, 4CH DC 9-36 V Iso, Red/Green Do not use on 12 V Vehicle Systems	Consult
183481	MSI-8004HD Indicator, 4CH 5V Red/Green with external rechargeable battery	Consult
Remote Display		
178281	MSI-8004HD Display, AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	Consult
178283	MSI-8004HD Display, DC, 8-32 V, Red/Green Best for external 12 V SLA Batter	Consult
178285	MSI-8004HD Display, DC, 9-36 V Iso, Red/Green Do not use on 12 V Vehicle Systems	Consult
183479	MSI-8004HD Display, 4CH 5V Red/Green with external rechargeable battery	Consult

Options

Part #	Description	Price
148624	Serial Cable, RS-232 9000 Serial Cable, DCE	Consult
139309	Antenna Kit, Long Range Omni-directional, 9 dBi with 3 m Coax Intended for omni-directional mast mounting (up to 2" Ø). Beam-width. Must be mounted vertically.	Consult
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.	Consult
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.	Consult
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.	Consult
139313	Antenna Kit, Vehicle Mount, 5 dBi with 5 m coax omni-directional. Mounts in 3/4" Hole.	Consult
162178	Antenna extension kit, 6 ft	Consult
197013	Antenna extension kit, 20 ft	Consult
155173	Option kit, tilt stand	Consult
171203	Audible alarm not compatible with battery versions	Consult
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.	Consult
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).	Consult
184132 *	8004 option kit, Bluetooth® with SMA antenna	Consult
184131	8004 option kit, WiFi with SMA antenna	Consult
187424	8004 option kit, 2nd Xbee with TNC antenna	Consult
182224	Power Adapter, 12VDC 5VDC dual USB car charger plus 3 ft USB cable	Consult
Relays		
172500	Expanded relays option kit, four-channel, 3A, 60VPC SSR form C	Consult
172501	Expanded relays option kit, eight-channel, 3A 60VPC, SSR form C	Consult
Consult	Expanded relays option kit, four-channel, 0.9A 200VPC, AC/DC SSR Form C	Consult
172502	Expanded relays option kit, eight-channel, 0.9A 200VPC, SSR form C	Consult
172492	Expanded relays option kit, four-channel, 12A 5V, momentary	Consult
172495	Expanded relays option kit, eight-channel, 12A 5V, momentary	Consult
172490	Expanded relays option kit, four-channel, 12A 5V, latching relays	Consult
171676	Expanded relays option kit, eight-channel, 12A 5V, latching relays	Consult

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