NEW
MSI-8004HD
Indicator/RF LED Remote Display

Standard Features

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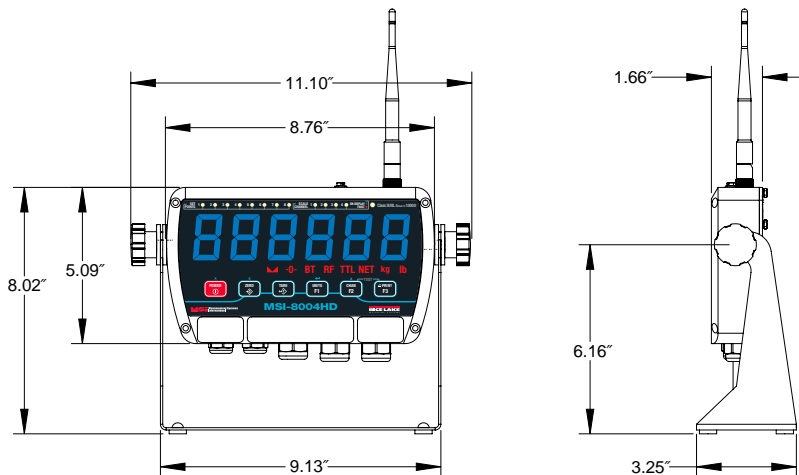- Tilt bracket included

Options

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

Approvals

Measurement
Canada
Approved

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, 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 four 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

Part Number/Price

Indicator		
Part #	**Description**	**Price**
178263	MSI-8004HD Indicator, 4CH AC, Blue 85~264 VAC, 47~440 Hz, 120~370 VDC	$1,770.00
178265	MSI-8004HD Indicator, 4CH AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	$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 85~264 VAC, 47~440 Hz, 120~370 VDC	$1,620.00
178281	MSI-8004HD Display, AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	$1,675.00
178282	MSI-8004HD Display DC, 8-32V, Blue Best for external 12 V SLA Batteries	$1,605.00
178283	MSI-8004HD Display, DC 8-32V, Red/Green Best for external 12 V SLA Batter	$1,635.00
178284	MSI-8004HD Display, DC 9-36V Iso, Blue Do not use on 12 V Vehicle Systems	$1,685.00
178285	MSI-8004HD Display, DC 9-36V Iso, Red/Green Do not use on 12 V Vehicle Systems	$1,710.00
183478	MSI-8004HD Display, DC 9-36V Iso, Blue, 1.5 in LED Display Do not use on 12 V 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 12 V 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, 9 dBi with 3 m Coax 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° 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° 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 3 ft 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