

MSI-8004HD

Indicator/RF LED Remote Display



Approvals



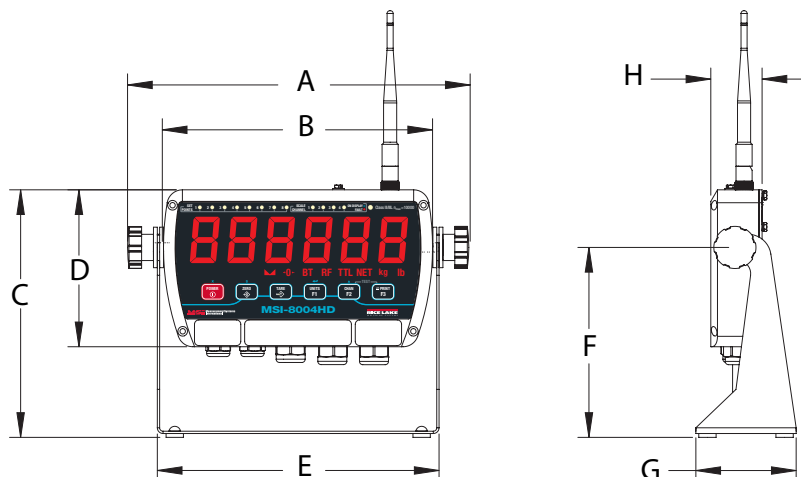
Measurement
Canada
Approved

Part Number/Price

Part #	Description	Price
Indicator		
196904	4CH AC, red/green instant power-on, 85~264VAC, 47~440 Hz, 120~370 VDC	Consult
178265	4CH AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	Consult
178269	4CH DC 8-32 V, red/green, best for external 12 V SLA batteries	Consult
178271	4CH DC 9-36 V Iso, red/green, do not use on 12 V Vehicle Systems	Consult
183481	4CH 5 V Red/Green with external rechargeable battery	Consult
Remote Display		
178281	AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	Consult
178283	DC, 8-32 V, red/green best for external 12 V SLA battery	Consult
178285	DC, 9-36 V Iso, red/green, do not use on 12 V vehicle systems	Consult
183479	4CH 5 V red/green with external rechargeable battery	Consult

Dimensions

MSI-8004HD			
With Tilt Stand			
A	11.10 in (282 mm)	E	9.13 in (232 mm)
B	8.76 in (223 mm)	F	6.16 in (156 mm)
C	8.02 in (204 mm)	G	3.25 in (83 mm)
D	5.09 in (129 mm)	H	1.66 in (42 mm)



Standard Features

- LED display
- IP65 rugged milled aluminum enclosure
- Backlit membrane keypad for user functioning and controls
- Tilt bracket included
- Color changing display (via setpoints)

Options

(Contact MSI for application consultation)

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

Specifications

Power:

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

Excitation Voltage:

4.8 V current limited and over-voltage protected

Functions:

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

Units:

Pounds and kilograms

Channels:

1, 2, 3, 4, TTL

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:

Two independent or summing load cell inputs

Relays:

Two 5 V coil, 250 VAC, 5 A 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

RF Effective Range:

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

Communication Ports

Two RS-232 hard wired communication ports

Annunciators:

Stable, COZ, BT, RF, TTL, NET, kg, lb

Display:

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

Keys/Buttons:

On/Off, zero, tare, print and two user-defined keys

Temperature Range:

Operating: -40 °F to 140 °F (-40 °C to 60 °C)
Certified: 23 °F to 104 °F (-5 °C to 40 °C)

Rating/Material:

NEMA Type 4, IP65 milled anodized aluminum

Warranty:

One-year limited

Approvals:

NTEP 17-036
Measurement Canada AM-6068

Options/Accessories

Part #	Description	Price
139309	Antenna kit, long range omni-directional, 9 dBi with 3 m coax Intended for omni-directional mast mounting (up to 2" dia). 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" dia). 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" dia). 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" dia). 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	Spare kit, tilt stand	Consult
199105	Audible alarm not compatible with battery versions	Consult
22436	Cable, Comm DB9F 9-pin fem one end stripped and tinned on other end 6' in 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 5 V/3.0A per port (6.0 A max)Rate, 2A per port (4A if both ports are used).	Consult
184131	8004 option kit, WiFi with SMA antenna	Consult
187424	8004 option kit, 2nd Xbee with TNC antenna	Consult
182224	Power adapter, 12 VDC 5 VDC dual USB car charger plus 3 ft USB cable	Consult
Relays		
172500	Expanded relays option kit, four-channel, 3A, 60VPK SSR form C	Consult
172501	Expanded relays option kit, eight-channel, 3A 60VPK, SSR form C	Consult
Consult	Expanded relays option kit, four-channel, 0.9A 200VPK, AC/DC SSR Form C	Consult
172502	Expanded relays option kit, eight-channel, 0.9A 200VPK, 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