

MSI-8004HD

Indicator/RF LED Remote Display



Approvals



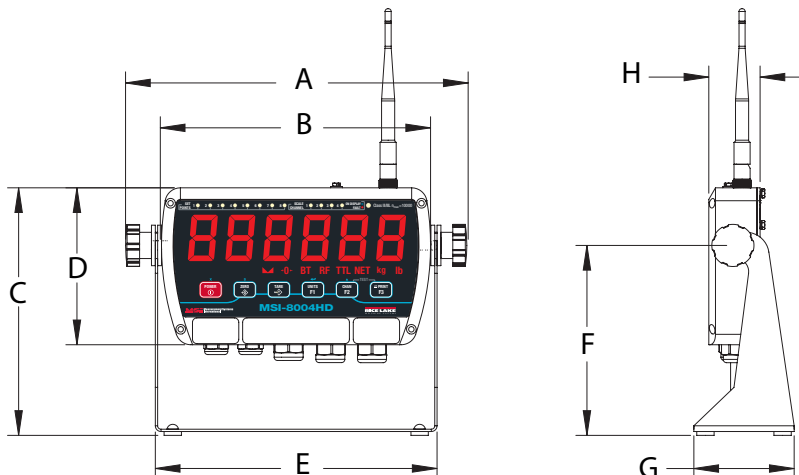
Measurement
Canada
Approved

Part Number/Price

Part #	Description	Price
Indicator		
196904	4CH AC, red/green instant power-on, 85~264VAC, 47~440 Hz, 120~370 VDC	\$2,400.00
178265	4CH AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	\$2,170.00
178269	4CH DC 8-32V, red/green, best for external 12V SLA batteries	\$2,205.00
178271	4CH DC 9-36V Iso, red/green, do not use on 12V Vehicle Systems	\$2,310.00
183481	4CH 5V Red/Green with external rechargeable battery	\$2,185.00
Remote Display		
178281	AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	\$2,120.00
178283	DC, 8-32V, red/green best for external 12V SLA battery	\$2,075.00
178285	DC, 9-36V Iso, red/green, do not use on 12V vehicle systems	\$2,160.00
183479	4CH 5V red/green with external rechargeable battery	\$1,875.00

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:

Four 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, peak, kg, kN, lb, M, ton, setpoint, function LEDs

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: -4 °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.	\$510.00
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.	\$505.00
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.	\$535.00
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.	\$415.00
139313	Antenna kit, vehicle mount, 5 dBi with 5 m coax omni-directional. Mounts in 3/4" hole.	\$160.00
162178	Antenna extension kit, 6 ft	\$490.00
197013	Antenna extension kit, 20 ft	\$520.00
155173	Spare kit, tilt stand	\$90.00
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.	\$70.00
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).	\$235.00
184131	8004 option kit, WiFi with SMA antenna	\$200.00
187424	8004 option kit, 2nd Xbee with TNC antenna	\$210.00
182224	Power adapter, 12 VDC 5 VDC dual USB car charger plus 3 ft USB cable	\$60.00
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