MSI-8004HD

Indicator/RF LED Remote Display

Approvals

Measurement
Canada
Approved

Standard Features

- Multicolor LED display
- 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
- Remote display 8 to 32 VDC
- Remote display 5 VDC
- Remote display 9 to 36 VDC
- Indicator 8 to 32 VDC
- Wired ethernet
- Single and dual channel analog output
- Additional antenna kits
- Extended relay option kits

Part Number/Price

Part #	Description	Price
Indicator		
221177	AC Power (85-264 VAC), Multi-color display, RF	Consult
221183	AC Power (85-264 VAC), Multi-color display, RF, Instant power-on	Consult
221179	DC Power (9 to 36 VDC), Multi-color display, RF	Consult
221181	DC Power (5 VDC), Multi-color display, RF	Consult
Remote Display		
221176	AC Power (85 to 264 VAC), Multi-color display, RF	Consult

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

Rating/Material:
NEMA Type 4, IP65 milled anodized aluminum

Warranty:
One-year limited

Approvals:
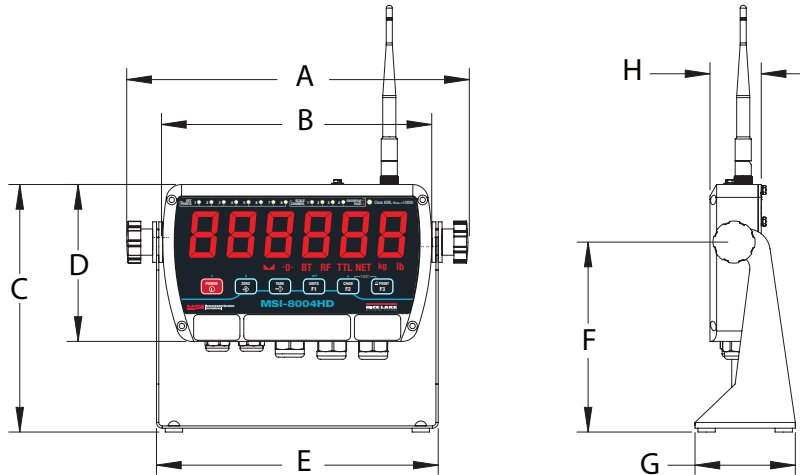NTEP 17-036
Measurement Canada AM-6068

Options/Accessories

Part #	Description	Price
162178	Antenna extension kit, 6 ft	Consult
197013	Antenna extension kit, 20 ft	Consult
199105	Audible alarm not compatible with battery versions	Consult
22436	Cable assembly, DB9F to bare wires, 6 inche	Consult
183437	Battery, 5V Li-ion battery with USB power ports. Output 5 V/3.0 A per port (6.0 A max)Rate, 2 A per port (4 A if both ports are used).	Consult
187425	8004 option kit, Wi-Fi with TNC connector	Consult
187424	8004 option kit, 2nd Xbee with TNC connector	Consult
223594	Option Kit, Dual Analog Output, 8004HD	Consult
224817	Ethernet (forward module only)	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)