

Approvals



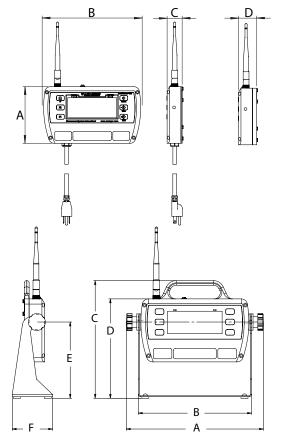
Standard Features

- Compatible with all ScaleCore™ based products
- · LCD display
- · Time and date
- Membrane keypad for remote-control functionality
- · User-definable function keys for added versatility
- · Swivel tilt stand

Dimensions

MSI-8000HD		
Α	5.09 in (129 mm)	
В	8.98 in (228 mm)	
С	1.35 in (34 mm)	
D	1.63 in (41 mm)	

With Tilt Stand				
Α	11.06 in (281 mm)			
В	9.13 in (232 mm)			
С	9.50 in (241 mm)			
D	8.02 in (204 mm)			
Е	6.16 in (156 mm)			
F	3.25 in (83 mm)			



Options

(Contact MSI for application consultation)

- 18 to 72 VDC power
- Up to 8 configurable relay outputs
- · Wi-Fi communications
- Wi-Fi indicators
- 802.15.4 Serial RF
- FHSS
- · Wired Ethernet

Specifications

Power:

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

Optional battery power module available

Excitation Voltage:

4.8 V current limited and over-voltage protected

RF Remote Channels:

Up to four remote sensors, monitored individually, in pairs or sum all (non-A/D version only)

Service Counters:

A/D version only

A/D Inputs:

Two independent or summing load cell inputs

Filtering:

Off, Low, Hi-1, Hi-2

RF Radio Link:

2.4 GHz 802.15.4

Compatible with all ScaleCore™ based

products, including: MSI-7300 Dyna-Link 2,

MSI-3460 Challenger 3,

MSI-4260 Port-A-Weigh, MSI-7000 and MSI-7001

RF Effective Range:

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

Communication Ports:

Dual RS-232 communication ports

Annunciators:

Stable, COZ, Peak, kg, kN, lb, M, Ton, Setpoint, Function LEDs

Channels: 1, 2, 3, 4, TTL

Display:

Six-digit 1.0 in (26.4 mm) LCD

Units Displayed:

Pounds, kilograms, tons, metric tons, kilonewtons

Keys/Buttons:

On/Off, zero (100%), tare, print, and two userdefined keys for the following functions: peak hold, high resolution, total, view total, net/gross, units switching

Rating/Material:

Enclosure: NEMA Type 4, IP66 milled anodized aluminum with O-ring gaskets

Temperature:

Certified: 14 °F to 104 °F (-10° °C to 40 °C) Operating: -4 °F to 140 °F (-20 °C to 60 °C)

Warranty:

One-year limited

Approvals:

NTEP 15-110

Part Number/Price

Part #	Description	Est. Weight	Price
Indicator			
158427	Indicator, dual channel, 85 to 265 VAC	5 lb	Consult
158428	Indicator, dual channel, internal battery	5 lb	Consult
160478	Indicator, dual channel, 7 to 36 VDC	5 lb	Consult
159380	Indicator, dual channel, 9 to 36 VDC	5 lb	Consult
158425	Indicator, RF, dual channel, 85 to 265 VAC	5 lb	Consult
158426	Indicator, RF, dual channel, internal battery	5 lb	Consult
160477	Indicator, RF, dual channel, 7 to 36 VDC	5 lb	Consult
159378	Indicator, RF, dual channel, 9 to 36 VDC	5 lb	Consult
Remote Displ	ay		
153591	Remote display, RF, 85 to 265 VAC	5 lb	Consult
154853	Remote display, RF, internal battery	5 lb	Consult
160476	Remote display, RF, 7 to 36 VDC	5 lb	Consult
159376	Remote display, RF, 9 to 36 VDC	5 lb	Consult

Options/Accessories

Part #	Description	Price
155173	MSI-8000HD spare tilt stand option kit	Consult
155193	MSI-8000HD Ethernet TCP/IP option kit wired	Consult
162178	Antenna extension kit, 6 ft	Consult
148624	MSI-8000HD serial RS-232 cable	Consult
158779	MSI-8000HD two each coil relay option kit, 250 VAC/30 VDC 5 A or 100 VDC 0.4 A	Consult
158780	MSI-8000HD two each solid state relay option kit, 60 V pk 2.7 A	Consult
158781	MSI-8000HD two each solid state relay option kit, 200 V pk 0.9 A	Consult
149549	Universal 115/230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000HD battery powered device	Consult
149550	Universal 115/230 VAC 50/60 Hz (international plugs) battery charger for MSI-8000HD battery powered device	Consult
171203	Audible alarm kit	Consult
176963	Serial print cable (for GoDex printer)	Consult
Relays		
172490	Expanded relay kit, four-channel, 12 A 5 V, latching relays	Consult
172492	Expanded relay kit, four-channel, 12 A 5 V, momentary relays	Consult
Consult	Expanded relay kit, four-channel, 0.9 A 200 V pk, AC/DC solid state relays	Consult
172495	Expanded relay kit, eight-channel, 12 A 5 V, momentary relays	Consult
172500	Expanded relays option kit, four-channel, 3 A, 60 V pk solid state Form C relays	Consult
172501	Expanded relays option kit, eight-channel, 3 A 60 V pk, solid state Form C relays	Consult
172502	Expanded relays option kit, eight-channel, 0.9 A 200 V pk, solid state Form C relays	Consult
171676	Expanded relays option kit, eight-channel, 12 A 5 V, latching relays	Consult