Standard Features

- Works with any basic digital weight indicator
- Excitation to load cell(s) provided by the transmitter, not the indicator
- Each transmitter/receiver set is individually paired
- Serial communication cable included

Options

(Contact MSI for application consultation)

- Multiple antenna selections
- Analog output
- Additional VDC input power

Specifications

Power:
85 to 265 VAC

Excitation Voltage:
Transmitter: +4.8 VDC, 16 × 350 ohm or 32 × 700 ohm load cells

Standard Antenna:
1/2 wave 2dBi, articulated

Frequency:
Spread spectrum at 2.4 GHz, 802.15.4

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

Communication Ports:
Full duplex RS-232

Circuit Protection:
RFI, EMI, ESD protection

Temperature:
Operating:
-40 °F to 185 °F (-40 °C to 85 °C)

Rating/Material:
IP68, die-cast aluminum enclosure

Additional RF Options:
Wi-Fi
802.15.4
FHSS

Warranty:
One-year limited

Part Number/Price

Part #	Description	Est. Weight	Price
MSI-7000			
227549	Four-channel, transmitter, 85-265 VAC, load cell, w/3 relays	2 lb	Consult
227550	Four-channel, receiver, 85-265 VAC, digital, w/3 relays	2 lb	Consult
MSI-7001			
230905	Single-channel, transmitter, 85-265 VAC, load cell input	2 lb	Consult
230951	Single-channel, receiver, 85-265 VAC, mV output	2 lb	Consult
230952	Single-channel, receiver, 85-265 VAC, RS232 output	2 lb	Consult

Options/Accessories

Part #	Description	Price
143531	Power cord, 6 V SLA battery charger EU	Consult
143533	Power cord, 6 V SLA battery charger, Australia	Consult
143534	Power cord, 6 V SLA battery charger, UK	Consult
162178	Antenna extension kit, 6 ft coax cable	Consult
150964	RS-232 13 ft (4 m) serial cable with nine-pin (female) connector, MSI-7001	Consult
150965	RS-232 13 ft (4 m) serial cable with nine-pin (male) connector, MSI-7001	Consult
145085	RS-232 serial cable, unterminated, MSI-7000	Consult
148624	Cable assembly, RS232/485 to DB9, used for setup and calibration	Consult
144400	Cable assembly, 4 pin, female, 4 meter, mV	Consult
145084	Cable assembly, 4 pin, female, 2 meter, mV	Consult
162177	Cable assembly, 4 pin, male, 2 meter, A2D cable, MSI-7001	Consult
162184	Connector, M12, 4 pin, straight, mV, MSI-7001	Consult
162185	Connector, M12, 4 pin, right-angle, mV, MSI-7001	Consult
187424	Modem, dual option XBEE	Consult

INDICATORS / CONTROLLERS