

TranSend™ MSI-7000HD

Wireless Load Cell Interface System



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 with all transmitters
- IP68 milled aluminum enclosure

Options

(Contact MSI for application consultation)

- Multiple antennas

Specifications

Power:

7 to 36 VDC, 9 to 36 VDC, 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:

Direct sequence 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, milled aluminum enclosure

Additional RF Options:

Wi-Fi
802.15.4
FHSS

Warranty:

One-year limited

Part Number/Price

Part #	Description	Est. Weight	Price
Transmitters			
7-36 VDC Power Input			
177944	Four-channel 7 to 36 VDC, three coil relays, 802.15.4		Consult
177997	Four-channel 7 to 36 VDC, three coil relays, Wi-Fi		Consult
9-36 VDC Power Input			
177945	Four-channel 9 to 36 VDC isolated, three coil relays, 802.15.4		Consult
177998	Four-channel 9 to 36 VDC isolated, three coil relays, Wi-Fi		Consult
85-265 VAC Power Input			
177942	Four-channel 85 to 265 VAC, three coil relays, 802.15.4		Consult
177995	Four-channel 85 to 265 VAC, three coil relays, Wi-Fi		Consult

Options/Accessories

Part #	Description	Price
187424	Dual XBee option kit for 7000HD with TNC antenna	Consult
162178	Antenna extension kit, 6 ft coax cable	Consult
144345	30 m coaxial cable, for use with non-vehicle mount antenna kits	Consult
139313	Antenna kit, vehicle mount. 5 dbi with 5 m coaxial cable	Consult
148624	RS-232/RS-485 serial cable	Consult
143348	Cordset IP68 5-pin male	Consult
141263	12V Battery Half Plate, requires separate power cable	Consult

INDICATORS / CONTROLLERS