



### 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

(Contact MSI for application consultation)

### Specifications

#### Power:

MSI-7000: 5-6 VDC, 7-36 VDC, 85-265 VAC  
MSI-7001: 5-6 VDC, 7-36 VDC, 85-265 VAC  
MSI-7000HD: 7-36 VDC, 9-36 VDC, 85-265 VAC  
MSI-7001HD: 5-6 VDC, 7-36 VDC, 9-36 VDC, 85-265 VAC

#### Excitation Voltage:

Transmitter: +4.8 VDC, 16 x 350 ohm or 32 x 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

#### Operating Temperature:

-40 °F to 185 °F (-40 °C to 85 °C)

#### Rating/Material:

MIS-7000/MSI-7001: IP68, die-cast aluminum enclosure  
MSI-7000HD/MSI-7001HD: IP68, durable milled aluminum enclosure

#### Additional RF Options:

Wi-Fi  
802.15.4  
FHSS

#### Warranty:

One-year limited

### Part Number/Price

Part #	Description	Est. Weight	Price
<b>Transmitters</b>			
<b>5-6 VDC Power Input</b>			
159207	Four-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,055.00
161949	Four-channel transmitter, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,210.00
176648	Four-channel transmitter, no relays, Wi-Fi	2 lb	\$1,115.00
176652	Four-channel transmitter, includes three coil relays, Wi-Fi	2 lb	\$1,265.00
<b>7-36 VDC Power Input</b>			
159470	Four-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,090.00
161951	Four-channel transmitter, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,265.00
176650	Four-channel transmitter, no relays, Wi-Fi	2 lb	\$1,145.00
176653	Four-channel transmitter, includes three coil relays, Wi-Fi	2 lb	\$1,325.00
<b>85-265 VAC Power Input</b>			
159469	Four-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,115.00
161950	Four-channel transmitter, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,295.00
176647	Four-channel transmitter, no relays, Wi-Fi	2 lb	\$1,175.00
176651	Four-channel transmitter, includes three coil relays, Wi-Fi	2 lb	\$1,370.00
<b>Receivers</b>			
<b>5-6 VDC Power Input</b>			
160016	Four-channel receiver to provide an analog output signal: 4-20 mA, 0-20 mA, 0-5 VDC, 0-10 VDC, $\pm 5$ VDC, $\pm 10$ VDC, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,265.00
160017	MSI-7000 four-channel receiver to provide RS232 serial output	2 lb	\$1,285.00
<b>7-36 VDC Power Input</b>			
159478	MSI-7000 four-channel receiver to provide RS232 serial output	2 lb	\$1,340.00
159476	Four-channel receiver to provide an analog output signal: 4-20 mA, 0-20 mA, 0-5 VDC, 0-10 VDC, $\pm 5$ VDC, $\pm 10$ VDC, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,425.00
<b>85-265 VAC Power Input</b>			
159477	Four-channel receiver to provide RS232 serial output	2 lb	\$1,190.00
159475	Four-channel receiver to provide an analog output signal: 4-20 mA, 0-20 mA, 0-5 VDC, 0-10 VDC, $\pm 5$ VDC, $\pm 10$ VDC, includes three coil relays, RF 802.15.4, 2.4 GHz	2 lb	\$1,530.00

# TranSend™ MSI-7000

Wireless Load Cell Interface System

## Options/Accessories

Part #	Description	Price
162172	Charger, TranSend™ for 6 V SLA battery	\$70.00
162173	Battery, TranSend 6 V SLA	\$135.00
162175	Enclosure, TranSend for 6 V SLA battery	\$350.00
160109	AC adapter, TranSend 6 V	\$59.00
143531	Power cord, 6 V SLA battery charger EU	\$31.00
143533	Power cord, 6 V SLA battery charger, Australia	\$54.00
143534	Power cord, 6 V SLA battery charger, UK	\$47.00
160110	265 VAC to 6 VDC wall adapter US/UK/EU/AUS/China	\$59.00
162178	Antenna extension kit, 6 ft coax cable	\$490.00
139309	Antenna kit, long-range Omni with 3 m coax cable	\$510.00
139310	Antenna kit, corner reflector 9 dbi with 3 m coax cable	\$505.00
197013	Antenna extension kit, 20 ft	\$520.00
139311	Antenna kit, corner reflector 12 dbi with 3 m coax cable	\$535.00
139312	Antenna kit, Yagi 15 dbi with 3 m coax cable	\$415.00
144345	30 m coaxial cable, for use with non-vehicle mount antenna kits	\$480.00
139313	Antenna kit, vehicle mount. 5 dbi with 5 m coaxial cable	\$160.00
150964	RS-232 13 ft (4 m) serial cable with nine-pin (female) connector	\$200.00
150965	RS-232 13 ft (4 m) serial cable with nine-pin (male) connector	\$180.00
145085	RS-232 serial cable, unterminated	\$135.00