

TranSend™ MSI-7001

Wireless Load Cell Interface System



Part Number/Price

Part #	Description	Est. Weight	Price
Transmitters			
5-6 VDC Power Input			
160330	Single-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	Consult
176655	Single-channel transmitter, no relays, Wi-Fi	2 lb	Consult
7-36 VDC Power Input			
160329	Single-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	Consult
176656	Single-channel transmitter, no relays, Wi-Fi	2 lb	Consult
85-265 VAC Power Input			
160328	Single-channel transmitter, no relays, RF 802.15.4, 2.4 GHz	2 lb	Consult
176654	Single-channel transmitter, no relays, Wi-Fi	2 lb	Consult
Receivers			
5-6 VDC Power Input			
160337	Single-channel receiver to provide a mV signal to a digital weight indicator, RF 802.15.4, 2.4 GHz	2 lb	Consult
160334	Single-channel receiver to provide an analog output signal: 4 to 20 mA, 0 to 20 mA, 0 to 5 VDC, 0 to 10 VDC, ±5 VDC, ±10 VDC, RF 802.15.4, 2.4 GHz	2 lb	Consult
161941	Single-channel receiver to provide RS232 serial output	2 lb	Consult
7-36 VDC Power Input			
160336	Single-channel receiver to provide a mV signal to a digital weight indicator, RF 802.15.4, 2.4 GHz	2 lb	Consult
161939	Single-channel receiver to provide RS232 serial output	2 lb	Consult
160333	Single-channel receiver to provide an analog output signal: 4 to 20 mA, 0 to 20 mA, 0 to 5 VDC, 0 to 10 VDC, ± 5 VDC, ± 10 VDC, RF 802.15.4, 2.4 GHz	2 lb	Consult
85-265 VAC Power Input			
160335	Single-channel receiver to provide a mV signal to a digital weight indicator, RF 802.15.4, 2.4 GHz	2 lb	Consult
161938	Receiver to provide RS232 serial output	2 lb	Consult
160332	7001AN AC power	-	Consult

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:

5 to 6 VDC, 7 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

INDICATORS /
CONTROLLERS

TranSend™ MSI-7001

Wireless Load Cell Interface System

Options/Accessories

Part #	Description	Price
162177	Cordset, TranSend, pre-wired for use with single channel transmitters or non-relay based receivers	Consult
164865	Cable, 4 m, one-channel, mV/V output, LC input	Consult
165648	Cable, 5 m, one-channel, mV/V output, LC input	Consult
165651	Cable, 10 m, one-channel, mV/V output, LC input	Consult
162184	Load cell connector, TranSend, field wireable, 4 to 6 mm straight. For use with single channel transmitters and all receivers.	Consult
162185	Load cell connector, TranSend, field wireable, 6 to 8 mm straight. For use with single channel transmitters and all receivers.	Consult
162186	Load cell connector, TranSend, field wireable, 4 to 6 mm right angle. For use with single channel transmitters and all receivers.	Consult
162187	Load cell connector, TranSend, field wireable, 6 to 8 mm right angle. For use with single channel transmitters and all receivers.	Consult
145084	Cable, 2 m, one-channel, analog output	Consult
144400	Cable, 5 m, one-channel, analog output	Consult
168903	Cable, 10 m, one-channel, analog output	Consult
Consult	Straight connector, analog output, field wire able, 4 to 6 mm OD	Consult
Consult	Straight connector, analog output, field wire able, 6 to 8 mm OD	Consult
Consult	Right angle connector, analog output, field wire able, 4 to 6 mm OD	Consult
Consult	Right angle connector, analog output, field wire able, 6 to 8 m OD	Consult
162172	Charger, TranSend™ for 6 V SLA battery	Consult
162173	Battery, TranSend 6 V SLA	Consult
162175	Enclosure, TranSend for 6 V SLA battery	Consult
160109	AC adapter, TranSend 6 V	Consult
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
160110	265 VAC to 6 VDC wall adapter US/UK/EU/AUS/China	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
150964	RS-232 13 ft (4 m) serial cable with nine-pin (female) connector	Consult
150965	RS-232 13 ft (4 m) serial cable with nine-pin (male) connector	Consult
145085	RS-232 serial cable, unterminated	Consult

INDICATORS /
CONTROLLERS