

TranSend™ MSI-7001HD

Wireless Load Cell Interface System



Part Number/Price

Part #	Description	Est. Weight	Price
Transmitters			
5-6 VDC			
178010	Two-channel 5-6VDC, 802.15.4		\$1,240.00
178018	Two-channel 5-6VDC, Wi-Fi		\$1,340.00
7-36 VDC			
178011	Two-channel 7-36VDC, 802.15.4		\$1,325.00
178019	Two-channel 7-36VDC, Wi-Fi		\$1,350.00
9-36 VAC Isolated			
178012	Two-channel 9-36VDC isolated, 802.15.4		\$1,340.00
178020	Two-channel 9-36VDC isolated, Wi-Fi		\$1,425.00
85-265 VAC			
178021	Two-channel 85-265VAC, 802.15.4		\$1,370.00
178017	Two-channel 85-265VAC, W-Fi		\$1,400.00

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
148624	RS-232/RS-485 serial cable	\$140.00
143348	Cordset IP68, 5-pin	\$135.00

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:

MSI-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