



Part Number/Price

Part #	Description	Est. Weight	Price
Transmitters			
7-36 VDC Power Input			
177944	Four-channel 7-36VDC, three coil relays, 802.15.4		\$2,225.00
177997	Four-channel 7-36VDC, three coil relays, Wi-Fi		\$2,235.00
9-36 VDC Power Input			
177945	Four-channel 9-36VDC isolated, three coil relays, 802.15.4		\$2,320.00
177998	Four-channel 9-36VDC isolated, three coil relays, Wi-Fi		\$2,345.00
85-265 VAC Power Input			
177942	Four-channel 85-265VAC, three coil relays, 802.15.4		\$2,280.00
177995	Four-channel 85-265VAC, three coil relays, Wi-Fi		\$2,300.00

Options/Accessories

Part #	Description	Price
187424	Dual XBee option kit for 7000HD with TNC antenna	\$210.00
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 male	\$135.00
141263	12V Battery Half Plate, requires separate power cable	\$1,550.00

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

INDICATORS / CONTROLLERS