

WIRELESS WEIGHING FROM MSI



MSI Scoreboards

Wireless RF Remote Electronic Displays

Network Solutions for Industrial Weighing and Process Control

Product Features

- Long Life LED Technology (100,000 hour), Viewable in Direct Sunlight
- Six active digits
- No Movable Parts: Maintenance Free
- Internal Lightning Protection
- Swivel Mounting Bracket (Mounts to uneven surfaces and poles)
- Integrated Hood
- Maximum Decimal Displayed 0.000
- Integrated Data Repeater
- MSI Warranty

Product Description

MSI Scoreboards are an accessory of the CellScale and wireless weighing systems that provide remote indication of weight information. Units come from the factory with an internal built-in CellModem for wireless communication with any CellScale network component; including the MSI-9000 CellScale and MSI Crane Scales (MSI-6260CS, MSI-9300, MSI-9300HT and MSI-9260).

The electronic displays feature high intensity red or green LED's that are designed to last 100,000 hours and offer a wide viewing angle that can be read in direct sunlight. The rugged NEMA 4 case and internal lightning protection circuitry ensure years of reliable operation in demanding applications. A swivel mounting bracket is included that provides flexible installation virtually anywhere.

Specifications

Enclosure

Rugged aluminum extruded case with integrated hood. NEMA 4, IP56

Power Input

AC/DC Power Supply: 85-265 VAC, 47-440 Hz/130-300 VDC

Radio Link

Frequency hopping spread spectrum @ 2.4 GHz provides 64 networks of scales and peripheral devices. Functions in the ISM band, license free in the USA and Europe. 10mW (low power), 63mW (medium power) or 250mW (high power) average output

Radio Link Effective Range

Typically 150m (500ft) indoors, 300m (1000ft) outdoors with standard antenna. MSI Scoreboard range increases if Long Range Antennas are applied

Antenna

1/2 wave 2dBi, articulated standard antenna

Echo Data Output

RS-232



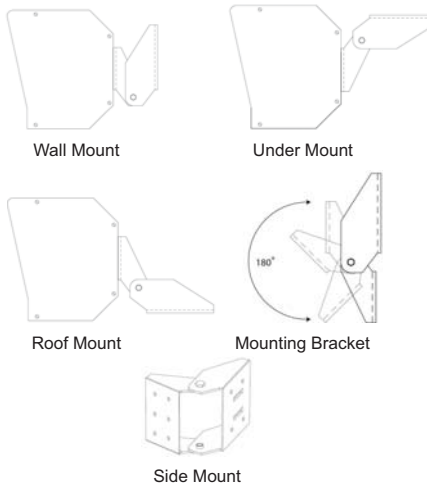
| PART NUMBER | A | W | H | D1 | D2 | SHIPPING WEIGHT |
|-------------------------|------|-------|--------|-------|-------|-----------------|
| 502855-0006 (Red LED) | 4 in | 26.25 | 8.375 | 6.875 | 9.625 | 21 lbs |
| 502855-0005 (Green LED) | 4 in | 26.25 | 8.375 | 6.875 | 9.625 | 21 lbs |
| 502855-0002 (Red LED) | 6 in | 35.50 | 10.375 | 6.875 | 9.625 | 37 lbs |
| 502855-0001 (Green LED) | 6 in | 35.50 | 10.375 | 6.875 | 9.625 | 37 lbs |

OPTIONS

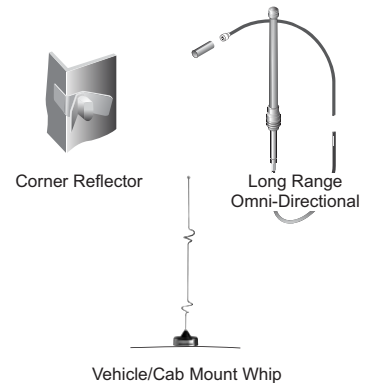
- 01 12 or 24 VDC Power Input
- 02 Long Range Omni-Directional Antenna with 9dBi Gain
- 03 9dBi Gain Corner Reflector Antenna
- 04 14dBi Gain Corner Reflector Antenna
- 05 5dBi Gain Vehicle/Cab Mount Whip Antenna
- 06 Non RF Equipped Version (No CellModem)

| Model | VIEWING DISTANCES | | | MOUNTING DIMENSIONS | | MOUNTING PLATE |
|-------------|-------------------|-----------|---------|---------------------|------|----------------|
| | Minimum | Optimum | Maximum | W | H | |
| 502855-0006 | 10 ft | 20-100 ft | 150 ft | 4 in | 3 in | |
| 502855-0002 | 15 ft | 50-200 ft | 250 ft | 8 in | 3 in | |

MOUNTING CONFIGURATIONS



ANTENNA OPTIONS



Specifications subject to change without notice.
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