

MSI-9850 CellScale™ RF Digital Indicator



Standard Features

- Compatible with MSI-6260CS, MSI-9300 and MSI-9000 CellScale
- Six-digit 1.2 in (30 mm) LED display
- 1.4 in x 2.6 in (36 mm x 67 mm) information LCD display
- 2.4 GHz spread spectrum transceiver
- RS-232 data I/O with real time clock
- NEMA Type 4, IP65 enclosure
- Power input 85-265 VAC, 47-440 Hz / 130-300 VDC; 8 ft/2.4 m power cable included (NA plug standard)

Additional Options

(Contact MSI for application consultation)

- NTEP Certified
- Long range antenna, omni-directional with 9dBi
- Wi-Fi Ethernet connectivity (802.11b)
- Hard wired Ethernet output connection
- Single and dual 4-20 mA output, provides programmable current output
- Bar code scanner
- Set-point relays, provides up to eight setpoint relay outputs for direct interfacing to external devices
- External audible alarm (activates with setpoint control)
- Universal mounting bracket for either desktop or wall/bulkhead mount
- Optional isolated and non-isolated DC power supplies

Specifications

Enclosure:

NEMA Type 4, IP65 milled anodized aluminum with O-ring gaskets
NEMA Type 6, IP67 with optional long-range antenna

Weight:

5.0 lb (2.8 kg)

Keypad:

33 keys—12 key alphanumeric, four cursor keys, seven control keys and 10 user programmable keys. Password protected with lock feature

Weight Display:

Six-digit, 1.2 in (30 mm) high numeric weight LED, four alphanumeric 0.5 in (13 mm) high data LED, six LED function select annunciators, 10 LED annunciators, Low battery LED indicator

Information Display:

1.4 in x 2.6 in (36 mm x 67 mm) backlit LCD. Capable of 8 lines of 21 characters each backlight selectable On, Off or Automatic

Power Input:

Internal AC/DC power supply: 85-265 VAC, 47-440 Hz/130-300 VDC. Also included:
An independent 7-25 VDC power input (requires optional power/switch interface cable) 8 ft/2.4 m power cable included (NA plug standard)

Operating Temperature:

4° F to 158° F (-20° C to 70° C)

Radio Link:

FHSS at 2.4 GHz (up to 64 network selections)

Radio Link Effective Range:

Typically 500 ft (150 m) indoor, 1,000 ft (300 m) outdoor with standard antennas. See optional antennas for longer range.

Standard Antenna:

1/2 wave 2 dBi, articulated

RFI/EMI Shielding:

Exceeds NIST HB44 and CE Standards

Connectors:

RS-232, Turck compatible Pico connector

Warranty:

One-year limited warranty

Approvals:

NTEP CC 05-077

Approvals



MSI-9850 CellScale™ RF Digital Indicator

Part Number/Price

| Part # | MSI Part # | Description | Capacity | Resolution | Est. Weight | Price |
|--------|------------|--|----------|------------|----------------|------------|
| 159625 | N/A | MSI-9850 RF remote indicator AC/DC | N/A | N/A | 10 lb (4.5 kg) | \$2,440.00 |
| 162035 | N/A | MSI-9850 RF remote indicator AC/DC International Power | N/A | N/A | 10 lb (4.5 kg) | \$2,440.00 |

Options/Accessories

| Part # | MSI Part # | Description | Price |
|---------|-------------|--|----------|
| 141558 | 10082 | External setpoint relay output cable, 6.5 ft/2 m | \$100.00 |
| 138358 | 502513-0001 | RS-232, 13 ft/4 m cable with DB-9 connector | \$100.00 |
| 176074 | | Cable, RS-232, serial output, with DB-9 connector, null modem | \$125.00 |
| 138625 | 502598-0001 | RF remote controller (control for On/Off, Zero, Tare and other functions. 10 m operating range) | \$300.00 |
| 143466 | 12147 | Long-range antenna, omni-directional with 9 dBi gain, includes 10 ft/3 m coaxial cable | \$415.00 |
| Consult | Consult | 9 dBi or 14 dBi gain corner reflector antenna | Consult |
| Consult | Consult | 5 dBi gain vehicle/cab mount whip antenna, includes 17 ft/5.2 m coaxial cable | Consult |
| 139032 | 502835-0001 | Hard-wired Ethernet output connection, includes connector | \$345.00 |
| 139033 | 502835-0002 | Wi-Fi Ethernet connectivity (802.11b - contact factory for assistance) | \$345.00 |
| 138615 | Consult | Single 4-20 mA output. Provides programmable current output | \$525.00 |
| 138616 | Consult | Dual 4-20 mA output | Consult |
| Consult | Consult | Bar code scanner (several options available) | Consult |
| Consult | Consult | Internal setpoint relays, provides up to eight setpoint relay outputs for direct interfacing to external devices | Consult |
| Consult | Consult | Control kit, provides remote I/O relay board for interfacing to setpoints (note: I/O modules not included) | Consult |
| 138628 | 502599-0001 | External audible alarm (activates with setpoint control) | \$370.00 |
| 138341 | 502488-0001 | Universal mounting bracket for either desktop or wall / bulkhead mount (specify type) | \$132.00 |
| 138351 | 502499-0001 | Vehicle or wall mount bracket stand | \$132.00 |
| 138631 | 502600-0003 | Non-isolated 7-25 VDC power input, includes 13 ft/4 m non-terminated DC input cable | \$132.00 |
| 138632 | 502600-0004 | Isolated 10-36 VDC power input, includes 13 ft/4 m non-terminated DC input cable | \$132.00 |
| 138633 | 502600-0005 | Isolated 20-72 VDC power input, includes 13 ft/4 m non-terminated DC input cable | \$205.00 |