

LaserLT-60 and LaserLT-100

Large Display Digital Weight Indicator

Specifications

Power:

AC voltages: 100-240 VAC
DC voltages: 12 -24 VDC

Excitation Voltage:

5VDC, 120 mA, 16 x 350 Ω

Analog Signal Input Range:

± 39 mV

Analog Signal Sensitivity:

0.03 μV/graduation minimum
0.3 μV/graduation recommended

A/D Sample Rate:

Four channel A/D 24-bit sigma-delta conversion, up to 200 conv. /sec. auto select

Resolution:

Internal resolution: 1.5 million counts
Weight display resolution: 800,000

Display:

6-digit, 7-segment discrete oval red LED lamps, single width
2.4 in (60 mm) or 4 in (100 mm) digit
Decimal/comma indication in any position
Annunciators for NT, Stability, COZ

Maximum Viewing Distance:

LaserLT-60: 2.4 in digit 75 ft (25 m)
LaserLT-100: 4 in digit 150 ft (50 m)

Serial Interface:

(1) RS-232, (1) RS-485

Input Data Format:

Baud Rate: 1200 to 115.2K software selectable.
Even parity 7 data bits, or no parity 8 data bits

Update:

Software selectable 1-20/sec

Digital Inputs/Outputs:

Two inputs: 12/24 VDC
Two outputs: 150 mA 48 VAC/ 150 mA 60 VDC

Rating/Material:

304 stainless steel, IP68

Keyboard:

Five key, Zero (Down), Tare (Up), Mode (Right), Print (Enter), C (On/Off)

Weight:

10 lb (4.5 kg)

Operating Temperature:

-40° F to 120° F (-40° C to 49° C)

Warranty:

One-year limited warranty

Approvals:

NTEP CC 20-046
Measurement Canada (pending)
CE marked



LaserLT-60



LaserLT-100

Standard Features

- Available as a 2.4 in (60 mm) or 4 in (100 mm) display
- Six-digit display with high-intensity LEDs
- Integrated five-key waterproof keypad
- Includes removable back wall mount bracket
- Power from 12 to 24VDC, comes with 110-240VAC internal power supply
- Up to four independent scales or four load cell inputs
- Quick menu for real and theoretical calibration
- Up to three calibration linearization points
- Semi-automatic and presettable tare
- Two digital outputs for 13 Setpoints types with timers to enable on and delay period
- Two digital input for operating keys remotely

Approvals



Part Number/Price

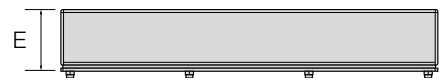
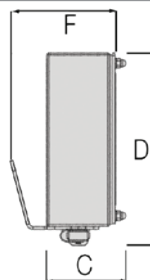
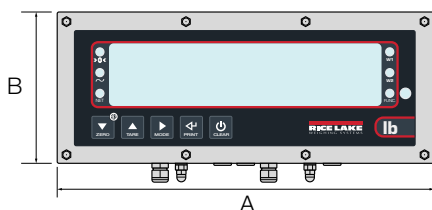
Part #	Description	Price
197453	LaserLT-60, indicator with weighing functionality 2.4 in (60 mm) LED	\$1,150.00
197454	LaserLT-100, indicator with weighing functionality 4.0 in (100 mm) LED	\$1,450.00

Options/Accessories

Part #	Description	Price
185256	Mount bracket, 2 tilting side brackets for LaserLT-100	\$50.00
185258	Visor for LaserLT-100	\$125.00

Dimensions

LaserLT-60			
A	16.14 in (410 mm)	D	7.28 in (185 mm)
B	6.50 in (165 mm)	E	2.64 in (67 mm)
C	3.03 in (77 mm)	F	4.84 in (123 mm)
LaserLT-100			
A	16.93 in (430 mm)	D	7.63 in (194 mm)
B	7.28 in (185 mm)	E	2.52 in (64 mm)
C	2.52 in (64 mm)	F	3.98 in (101 mm)



MSI-9850 CellScale™ RF Digital Indicator

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 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, 1000 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

Approvals:

NTEP CC 05-077



Contact MSI for application consultation

Standard Features

- 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)

Approvals



Options

- 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
- Setpoint 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