

# LaserLight® M-Series

Eight, Twelve Character Messaging Remote Displays



## Standard Features

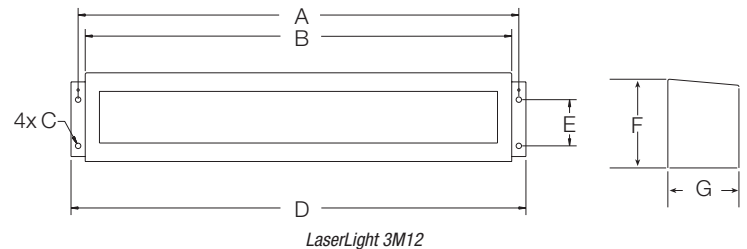
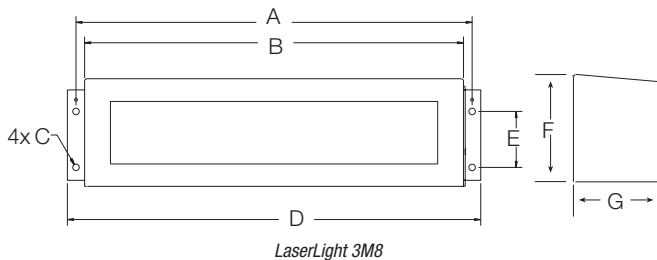
- Available with 8- and 12-character display
- 2.75- in (70 mm) high-intensity red character (discrete LED)
- Four annunciators for gross, net, lb, kg
- Auto Learn mode of communication protocols
- Display messages scroll, slide and flash
- Hold displayed weight (demand input)
- Software selectable standstill mode, no updates while in motion
- Software configuration menu
- Durable weather-tight enclosure
- Adjustable daylight/night intensity
- Non-glare contrast filtered lens
- Mirror (reverse image) function
- RS-232, 20mA and RS-485 communications
- Auto sensing 115/230 VAC power supply
- Porous polyethylene breather vent

## APPROVALS\*



\*See Specific Part Numbers

Dimensions			
<b>3M8 Enclosure</b>			
A	23.00 in (584 mm)	E	3.25 in (83 mm)
B	22.00 in (559 mm)	F	6.25 in (159 mm)
C	4x 0.38 in (10 mm)	G	5.00 in (127 mm)
D	24.00 in (610 mm)		
<b>3M12 Enclosure</b>			
A	31.00 in (787 mm)	E	3.25 in (83 mm)
B	30.00 in (762 mm)	F	6.25 in (159 mm)
C	4x 0.38 in (10 mm)	G	5.00 in (127 mm)
D	32.00 in (813 mm)		



## Specifications

### Display:

2.75-in (70 mm) digit; 5 x 7 dot matrix using discrete oval precision optical performance red LED lamps  
 Contrast enhanced optical filtering lens  
 1- or 2-place decimal or comma indication  
 4 annunciators for GR, NT, lb, kg

### Input Interface:

RS-232, RS-485, 20 mA current loop (active or passive, switch selectable)

### Maximum Viewing Distance:

150 ft (50 m)

### Output Interface:

Independently configurable echo out port, RS-232 or 20 mA current loop (active or passive, switch selectable)

### Input Data Format:

Baud Rate: 1200, 2400, 4800, 9600, and 19200 self learning or software selectable  
 Character Format: 7 or 8 data bits; even, odd, or no parity; 1 or 2 stop bits, self learning or software selectable

### Update:

Continuous or out-of-motion only; software selectable

### Power Consumption:

8-character: 21 watt  
 12-character: 27 watt

### Time Option:

Software enable/disable, 12- or 24-hour format

### Date Option:

Software enable/disable, US or ISO format

### Rating/Material:

Weatherproof, mild steel, powder coated

### Weight:

8-character: 16 lb (7 kg)  
 12-character: 22 lb (10 kg)

### Operating Temperature Range:

-40°F to 120°F (-40°C to 49°C)

### Warranty:

Two-year limited warranty

### Approvals:

UL/cUL on specific part numbers

# LaserLight® M-Series

Eight, Twelve Character Messaging Remote Display

## Part Number/Price

Part #	Description	Est. Weight	Price
85137	LaserLight 3M8 messaging 8-character	22 lb	\$1,550.00
Consult*	LaserLight 3M8 messaging 8-character, marked UL/cUL	22 lb	\$1,750.00
85152	LaserLight 3M12 messaging 12-character	27 lb	\$2,000.00
Consult*	LaserLight 3M12 messaging 12-character, marked UL/cUL	27 lb	\$2,200.00

\* LaserLights with UL/cUL approval

## Options/Accessories

Part #	Description	Price
75853	Time and date	\$125.00
85343	3M8 LaserLight pole mount kit	\$225.00
85344	3M12 LaserLight pole mount kit	\$225.00
75936	Additional operating manual	\$29.00
103178	Wireless RFI interface, includes pair of ConnexLink™ radios (for 3M12 only)	\$795.00