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# SURVIVOR<sup>®</sup>

# LASERLIGHT<sup>®</sup>

Remote & M-Series Messaging Displays



**RICE LAKE<sup>®</sup>**  
WEIGHING SYSTEMS

To be the best by every measure<sup>®</sup>

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# SURVIVOR® LASERLIGHT®

Remote & M-Series Messaging Displays



## Setting the Standard for Visible Performance.

Power up a SURVIVOR® LaserLight remote display or an M-Series messaging display in your application and the benefits of its bright, high-intensity display and non-glare lens are immediately visible. From a fog concealed truck scale, to the smoke and dust of a foundry or steel mill, the LaserLight's LED display provides sharp, easy-to-read images of your critical weight process values. You'll never experience wash-out in direct sunlight or lose visibility in dark conditions again, because the LaserLight uses an IntelliBright™ sensing feature that automatically adjusts the display for optimal viewing in any lighting condition.

With the LaserLight M-Series messaging remote display, you can easily slide, scroll or flash any alphanumeric message. Perfect for showing important information, displaying instructions, or any general greeting, the M-Series is available with an 8-character or 12-character display.

Emitted light enhances maximum viewing distance from 70° vertical axis and 140° horizontal axis. All models come with annunciators for GR, NT, lb, and kg. For added convenience, optional time and date, and temperature functions are also available.

The light gray, heat resistant enclosure is smartly designed with a sloped top to ensure moisture run-off. Conveniently located setup and navigation switches allow for easy configuration of the unit. To simplify installation and make retrofitting an attractive option, the Auto Learn mode identifies the communications format and data rate used by your weight indicator to make installation quick and easy.

The SURVIVOR® LaserLight remote display... providing crisp, accurate weight readings to ensure your process is always moving forward.

Also available, SURVIVOR® LaserLight Series Stop/Go Remote Displays



### Standard Features

- High-intensity red digits and annunciators
- LaserLight: Available in 4 inch and 6 inch digit sizes  
Messaging: 2.75 inch digit size with 8 or 12-characters
- Auto Learn mode for instant recognition of communication protocols
- Durable weather-tight enclosure
- Handy drop-down bottom lowers electronics for easy access
- Adjustable daylight/night intensity
- Non-glare contrast filtered lens
- Mirror function reverses display for correct orientation when viewed in a vehicle mirror
- RS-232, 20 mA, and RS-485 communications
- Auto sensing 115/230 VAC power supply
- Enclosure breather vent
- Hold displayed weight (demand input)
- Software selectable standstill mode

### Options

- Time and date
- Temperature
- Visor, 24 inch or 30 inch (field installable)
- Pole mount bracket
- Stainless steel enclosure
- RFI interface
- Fiber optic interface

### Specifications

<b>Display:</b>	<b>LaserLight:</b> 6 digit, 7 segment discrete oval precision optical performance red LED lamps 4 inch digit: 250 ft (77 m) maximum viewing distance 6 inch digit: 300 ft (92 m) maximum viewing distance 4 annunciators for GR, NT, lb, and kg <b>Messaging:</b> 8 or 12-character 5 x 7 matrix display 6 digit, 7 segment discrete oval precision optical performance red LED lamps 2.75 inch display 150 ft (47 m) maximum viewing distance 4 annunciators for GR, NT, lb, and kg
<b>Input Interface:</b>	RS-232, RS-485, 20 mA current loop (active or passive, switch selectable)
<b>Output Interface:</b>	Independently configurable echo out port, RS-232 or 20 mA current loop (active or passive, switch selectable)
<b>Input Data Format:</b>	<b>Baud Rate:</b> 1200, 2400, 4800, 9600, and 19,200 self-learning or software selectable <b>Character Format:</b> 7 or 8 data bits; even, odd, or no parity; 1- or 2-stop bits, self-learning or software selectable
<b>Update:</b>	Continuous, demand or out-of-motion only; software selectable
<b>Power Consumption:</b>	Approximately 25 watt
<b>Time:</b>	Software enable/disable with optional hardware, 12- or 24-hour format
<b>Date:</b>	Software enable/disable with optional hardware, US or ISO format
<b>Temperature:</b>	Software selectable °F or °C with optional temperature probe
<b>Rating/Material:</b>	Weather proof, mild steel, powder coated; optional stainless steel
<b>Dimensions:</b>	<b>LaserLight:</b> 4 inch digit: 24 in x 5 in x 9.25 in (610 mm x 127 mm x 235 mm) 6 inch digit: 32 in x 5 in x 12.25 in (813 mm x 127 mm x 311 mm) <b>Messaging:</b> 8-character: 24 in x 6.25 in x 5 in (610 mm x 159 mm x 127 mm) 12-character: 32 in x 6.25 in x 5 in (813 mm x 159 mm x 127 mm)
<b>Weight:</b>	<b>LaserLight:</b> 4 inch digit: 20 lb (9 kg) 6 inch digit: 25 lb (11 kg) <b>Messaging:</b> 8-character: 16 lb (7 kg) 12-character: 22 lb (10 kg)
<b>Operating Temperature Range:</b>	-40°F to 120°F (-40°C to 48°C)
<b>Warranty:</b>	Two-year limited warranty

Your Rice Lake Weighing Systems distributor is:

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