

# SURVIVOR<sup>®</sup>

# LASERLIGHT<sup>™</sup>

Remote & M-Series Messaging Displays



**RICE LAKE WEIGHING SYSTEMS**

Commitment Beyond Measurement<sup>™</sup>

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# 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 new LaserLight M-Series messaging remote display, you can easily slide, scroll or flash any alphanumeric message. Perfect for showing important information, displaying directions, or any general greeting, the new 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.



Pair the LaserLight M-Series with the 920i programmable indicator/controller to display batching and process status messages.

Your Rice Lake Weighing Systems distributor is:

### Standard Features

- High-intensity red annunciators for gross, net, lb, kg (both models)
- LaserLight: Available in 4" (101 mm) and 6" (152 mm) digit sizes  
Messaging: 2.75" (70mm) 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
- Porous ceramic breather vent
- Hold displayed weight (demand input)
- Software selectable standstill mode
- Software configuration menu

### Options

- Time and date
- Temperature
- Visor, 24" or 30" (field installable)
- Pole mount bracket



A field installable visor is an available accessory, but is not required for weather protection.

### Specifications

<b>Display:</b>	<b>LaserLight:</b> 6 digit, 7 segment discrete oval precision optical performance red LED lamps 4" digit: 250 ft (77 m) maximum viewing distance 6" 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" 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>	<b>LaserLight:</b> 4" digit: 21 watt 6" digit: 27 watt <b>Messaging:</b> 8-character: 21 watt 12-character: 22 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
<b>Dimensions:</b>	<b>LaserLight:</b> 4" digit: 24" x 5" x 9.25" (610 mm x 127 mm x 235 mm) 6" digit: 32" x 5" x 12.25" (813 mm x 127 mm x 311 mm) <b>Messaging:</b> 8-character: 24" x 6.25" x 5" (610 mm x 159 mm x 127 mm) 12-character: 32" x 6.25" x 5" (813 mm x 159 mm x 127 mm)
<b>Weight:</b>	<b>LaserLight:</b> 4" digit: 20 lb (9 kg) 6" 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>	2-year limited warranty



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