

SURVIVOR[®]

LASERLIGHT
Remote & M Series Messaging Displays



Northwest
SCALE, INC.



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 clearly 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.

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 and 6 in (10.16 and 15.24 mm) digit sizes
- Messaging: 2.75 in (6.99 mm) 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
- Time and date (4 and 6 in (10.16 and 15.24 mm) remote display)

Options

- Stainless steel enclosure
- UL/CUL listed
- Temperature
- Visor, 24 or 30 in (60.96 or 76.2 mm) (field installable)
- Pole mount bracket
- RFI interface
- Fiber optic interface

Specifications

Display:	LaserLight: 6 digit, 7 segment discrete oval precision optical performance red LED lamps 4 in (10.16 mm) digit: 250 ft (77 m) maximum viewing distance 6 in (15.24 mm) digit: 300 ft (92 m) maximum viewing distance 4 annunciators for GR, NT, lb, and kg Messaging: 8 or 12-character 5 x 7 in (12.7 x 17.78 mm) matrix display 6 digit, 7 segment discrete oval precision optical performance red LED lamps 2.75 in display 150 ft (47 m) maximum viewing distance 4 annunciators for GR, NT, lb, and kg
Input Interface:	RS-232, RS-485, 20 mA current loop (active or passive, switch selectable)
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 19,200 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, demand or out-of-motion only; software selectable
Power Consumption:	Approximately 25 watt
Time:	Software enable/disable with optional hardware, 12- or 24-hour format
Date:	Software enable/disable with optional hardware, US or ISO format
Temperature:	Software selectable °F or °C with optional temperature probe
Rating/Material:	Weather proof, mild steel, powder coated; optional stainless steel
Dimensions:	LaserLight: 4 in (10.16 mm) digit: 24 x 5 x 9.25 in (610 x 127 x 235 mm) 6 in (15.24 mm) digit: 32 x 5 x 12.25 in (813 x 127 x 311 mm) Messaging: 8-character: 24 x 6.25 x 5 in (610 x 159 x 127 mm) 12-character: 32 x 6.25 x 5 in (813 x 159 x 127 mm)
Weight:	LaserLight: 4 in (10.16 mm) digit: 20 lb (9 kg) 6 in (15.24 mm) digit: 25 lb (11 kg) Messaging: 8-character: 16 lb (7 kg) 12-character: 22 lb (10 kg)
Operating Temperature Range:	-40°F to 120°F (-40°C to 48°C)
Warranty:	Two-year limited warranty

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