SURVIVOR® LaserLight™ Series Remote Displays

LaserLight 4"

PART #	DESCRIPTION	MAX. VIEWING
75850	SURVIVOR LaserLight 4" (101.6 mm) remote display	160' (50 m)
75852	SURVIVOR LaserLight 6" (152.4 mm) remote display	240' (75 m)

Featuring a super-bright LED display and a non-glare filtered lens, the LaserLight remote display is clearly visible—even in direct sunlight. The unique IntelliBright™ feature uses a photo sensor to read ambient light to automatically adjust the LaserLight's display intensity between day and night settings. Both settings have a scale of 1 to 10 that ensures the proper intensity for the environment. IntelliBright prevents random switching of the display brightness from headlights or lightning through a time and light intensity comparison. The LaserLight is available in 4" and 6" digit sizes and features annunciators for gross, net, lb, and kg.

The light gray enclosure reduces the amount of absorbed heat from direct sun installations and the top is sloped to provide easy run-off of moisture. The smartly-designed enclosure opens from the bottom, preventing moisture ingress and lowering electronics for easy access to wiring and hardware.

The LaserLight's configuration menu is entered via setup and navigation switches and is displayed on the front panel for easy configuration of the unit. Using the Auto Learn mode, the LaserLight simplifies installation by automatically detecting the communications format and data rate used by the indicator. Standard RS-232, 20 mA and RS-485 communications allow interfacing to digital indicators, host computers and peripherals.

Additional features include:
• A mirror function that reverses the display for correct orientation when viewed in a vehicle mirror.

• A time and date option that displays the current time in 12- or 24-hour formats and date in U.S. or European formats.

• A temperature option that displays current temperature in Fahrenheit or Celsius.

Applications

• Warehouse scales
• Truck scales
• Cattle auction barns

Standard Features

• Six high-intensity red digits (discrete LED)
• Four high-intensity red annunciators for gross, net, lb, kg
• Available in 4" (101.6 mm) and 6" (152.4 mm) digit sizes
• Auto Learn mode of communication protocols
• Hold displayed weight (demand input)
• Software selectable stand still mode, no updates while in motion
• Software configuration menu
• Durable weather-tight enclosure
• Adjustable daylight/night intensity
• Non-glare contrast filtered lens
• Mirror function
• RS-232, 20 mA, and RS-485 communications
• Auto sensing 115/230 VAC power supply
• 6" (152.4 mm) mounting holes match SURVIVOR IQ F40 Series remote display
• Porous ceramic breather vent

Options/Accessories

75853	Time and date
43412	Temperature
75854	4" (101.6 mm) visor (not required for weather protection), field installable
75855	6" (152.4 mm) visor (not required for weather protection), field installable
75856	Mounting plate* or pole mount plate
75936	Additional operating manual

* LaserLight 4" fits into existing SURVIVOR® IQ F40 holes

LaserLight 6" with optional visor

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ISO 9001 REGISTERED

DISPLAY:
6 digit, 7 segment discrete oval precision optical performance red LED lamps

Contrast enhancement optical filtering

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)

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 or out-of-motion only; software selectable

POWER CONSUMPTION:
4" (101.6 mm): 21 watt
6" (152.4 mm): 27 watt

TIME OPTION:
Software enable/disable, 12- or 24-hour format

DATE OPTION:
Software enable/disable, US or ISO format

TEMPERATURE OPTION:
Software selectable °F or °C, temperature probe automatically detected

RATING/MATERIAL:
Weather proof, mild steel, powder coated
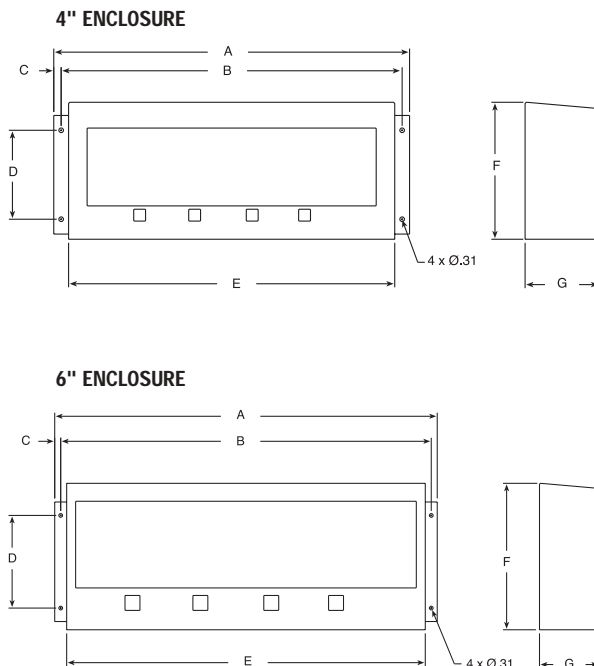
WEIGHT:
4" (101.6 mm): 20 lb (9 kg)
6" (152.4 mm): 25 lb (11 kg)

OPERATING TEMPERATURE RANGE:
-40°F to 120°F (-40°C to 48.8°C)

WARRANTY:
2-year limited warranty

4" ENCLOSURE

6" ENCLOSURE

DIMENSIONS

4" (101.6 mm) Enclosure	6" (152.4 mm) Enclosure
A = 24.0" (609.6 mm)	A = 32.0" (812.8 mm)
B = 23.0" (584.2 mm)	B = 31.0" (787.4 mm)
C = 0.5" (12.7 mm)	C = 0.5" (12.7 mm)
D = 6.0" (152.4 mm)	D = 7.75" (196.8 mm)
E = 22.0" (558.8 mm)	E = 30.0" (762.0 mm)
F = 9.25" (234.9 mm)	F = 12.25" (311.1 mm)
G = 5.0" (127.0 mm)	G = 5.0" (127.0 mm)

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