Remote Displays / Scoreboards

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REMOTE DISPLAYS / SCOREBOARD

*Product names, logos, brands and other trademarks featured
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LaserLight2™
Remote Display

Six-Inch

Four-Inch Stop/Go

Four-Inch

Specifications

Display:
6-digit, 7-segment discrete red LED lamps
Contrast enhanced optical filtering lens
1 or 2 place decimal or comma indication
4 annunciators for GR, NT, lb, kg
4-inch red, green ball/arrow in stop/go model

Maximum Viewing Distance:
4 in: 100 ft (30 m)
6 in: 150 ft (46 m)

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

Output Interface:
Configurable echo out port or RS-232

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:
AC voltages: 100/240 VAC; 50/60Hz
4 in: 21 watt
6 in: 27 watt

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

Date:
Software enable/disable, US or ISO format

Rating/Material:
IP66 weather tight, mild steel, powder coated

Weight:
4 -inch: 20 lb (9 kg)
6 -inch: 25 lb (11 kg)

Operating Temperature Range:
-40 °F to 120 °F (-40 °C to 49 °C)

Warranty:
Two-year limited

Approvals:
cULus Listed on specific part numbers

Approvals*

*See Specific Part Numbers

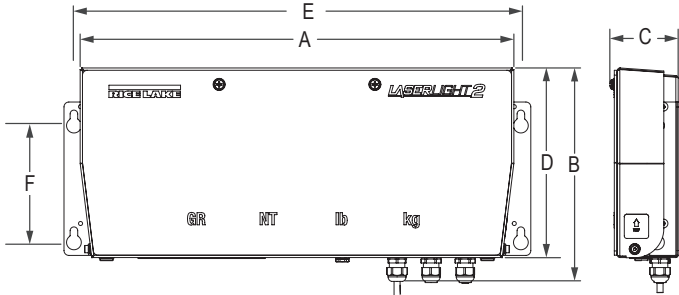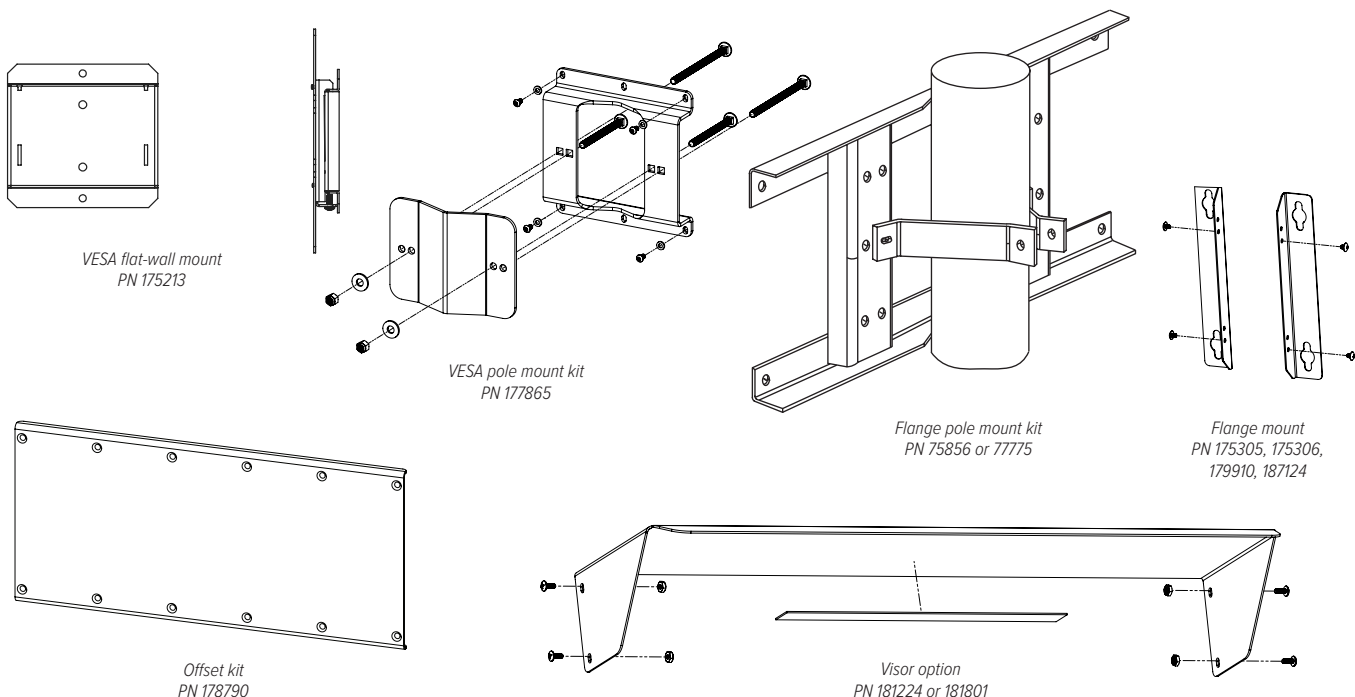| Dimensions			
22-inch Enclosure (Four-inch Model)			
A	22.28 in (565 mm)	D	9.80 in (250 mm)
B	10.96 in (280 mm)	E	23.00 in (584 mm)
C	3.28 in (85 mm)	F	6.00 in (152 mm) 3/8 inch bolt
31-inch Enclosure (Six-inch and Stop/Go Models)			
A	30.63 in (780 mm)	D	12.77 in (325 mm)
B	13.94 in (355 mm)	E	31.00 in (787 mm)
C	3.73 in (95 mm)	F	7.75 in (197 mm) 3/8 inch bolt

(Flanges add 2.00 in width)

Standard Features

• Available with a 4 in (100 mm) or 6 in (150 mm) digit display
• Six high-intensity red digits (double-row discrete LED)
• Time and date displayed when scale is empty
• Auto Learn mode of communication protocols
• Hold displayed weight (demand input)
• Software selectable standstill mode for no updates while in motion
• Setting for 10 levels, daylight/night intensity
• Non-glare contrast filtered lens
• Mirror (reverse image) function
• Wall mounted with side flanges or with VESA mount
• Goretex® breather vent inhibits internal moisture buildup
• Red, green and arrow lights in stop/go version, set with either digital input or serial command

REMOTE DISPLAYS / SCOREBOARD

Part Number/Price

Part #	Description	Est. Weight	Price
Includes Flange Mount Hardware			
167091	LaserLight2 remote display 4-inch (100 mm) includes PN 175305	20 lb	$1,900.00
167092	LaserLight2 remote display 6-inch (150 mm) includes PN 175306	25 lb	$2,400.00
167093	LaserLight2 remote display stop/go 4-inch (100 mm) includes PN 175306	25 lb	$2,400.00
175286	LaserLight2 remote display 4-inch (100 mm) stainless steel includes PN 179910	20 lb	$2,250.00
187120	LaserLight2 remote display stop/go 4-inch (100 mm) stainless steel includes PN 187124	25 lb	$2,825.00
Includes VESA Mount Hardware			
175860	LaserLight2 remote display 4-inch (100 mm) includes PN 175213	20 lb	$1,925.00
175861	LaserLight2 remote display 6-inch (150 mm) includes PN 175213	25 lb	$2,425.00
175862	LaserLight2 remote display stop/go 4-inch (100 mm) includes PN 175213	25 lb	$2,425.00
UL/cUL Approved (Includes Flange Mount Hardware)			
179521*	LaserLight2 remote display 4-inch (100 mm) marked UL/cUL includes PN 175305	20 lb	$2,100.00
179523*	LaserLight2 remote display 6-inch (150 mm) marked UL/cUL includes PN 175306	25 lb	$2,600.00
179525*	LaserLight2 remote display stop/go 4-inch (100 mm) marked UL/cUL includes PN 175306	25 lb	$2,600.00
UL/cUL Approved (Includes VESA Mount Hardware)			
179522*	LaserLight2 remote display 4-inch (100 mm) marked UL/cUL includes PN 175213	20 lb	$2,125.00
179524*	LaserLight2 remote display 6-inch (150 mm) marked UL/cUL includes PN 175213	25 lb	$2,625.00
179526*	LaserLight2 remote display stop/go 4-inch (100 mm) marked UL/cUL includes PN 175213	25 lb	$2,625.00

*cULus Listed

Options/Accessories

Part #	Description	Price
175052	Wireless interface, pair of ConnexLink Radios and mount	$835.00
175213	Mount bracket, VESA flat-wall option (included with VESA mounted remote)	$85.00
175305	Mount bracket, 4-inch flange option (included with flange mounted remote)	$27.00
175306	Mount bracket, 6-inch flange option (included with flange mounted remote)	$27.00
179910	Mount bracket, 4-inch stainless steel flange option (included with flange mounted stainless steel remote)	$30.00
187124	Mount bracket, 6-inch stainless steel flange option (included with flange mounted stainless steel remote)	$40.00
75856	Pole mount kit, 4-inch flange option (24-inch wide frame for 4-8 inch dia. pole)	$250.00
77775	Pole mount kit, 6-inch and 4-inch stop/go flange option (32-inch wide frame for 4-8 inch dia. pole)	$250.00
177865	Pole mount kit, VESA flat-wall option mount for 2-6 inch pole	$80.00
178790	Offset kit (right or left flag mount) used with universal pole mount (requires PN 177865)	$75.00
181224	Visor for 22 inch enclosure (not required for weather protection)	$160.00
181801	Visor for 31 inch enclosure (not required for weather protection)	$175.00

VESA flat-wall mount
PN 175213

VESA pole mount kit
PN 177865

Flange pole mount kit
PN 75856 or 77775

Flange mount
PN 175305, 175306,
179910, 187124

Offset kit
PN 178790

Visor option
PN 181224 or 181801

LaserLight3™
Color Messaging Remote Display

NEW

Specifications

Power:
AC voltages: 100 to 240VAC; 50/60Hz
120 watt (120 VAC)
95 watt (12 VDC)

Output Interface:
Ethernet TCP/IP, independently configurable
echo port

Input Data Format:
Baud rate: 1200, 2400, 4800, 9600, 19200,
28800, 38400, 57600 and 115200 self-learning or
configurable

Update:
Continuous or out-of-motion modes
Message interrupt mode

Digital I/O:
Four I/O read or set
5V logic

Communication Ports:
Ethernet TCP/IP, RS-232, RS-485, 20 mA
passive loop
Optional ConnexLink™ wireless radio, WLan
interface 802.11 a/b

Character Format:
7 or 8 data bits; even, odd, or no parity;
1 or 2 stop bits

Maximum Viewing Distance:
4-inch character 100 ft (30 m)
5-inch character: 150 ft (46 m)

Viewing Angle:
160°

Display:
Bright, outdoor color LED lamps
128 × 32-pixel, 4 mm pitch
Decimal or comma indication
Weight display with units and mode
Message display 1, 2 or 4 lines
Stop/go and directional arrow

Keys/Buttons:
Integrated keypad

Time:
Software enable, 12- or 24-hour format

Date:
Software enable, US or ISO format

Dimensions:
(L × W × H)
25 × 10 × 6.0 in

Temperature Range:
Operating: -40 °F to 120 °F (-40 °C to 49 °C)

Rating/Material:
IP66 weathertight
Mild steel, powder-coated

Weight:
Without wall mount:
7.81 kg 14.19 lbs
With wall mount:
10.66 kg 20.48 lbs
With sunshade:
14.88 kg 29.79 lbs

Warranty:
Two-year limited

Dimensions

A	23.00 in (584 mm)	E	5.00 in (127 mm)
B	10.10 in (256 mm)	F	8.00 in (203 mm)
C	8.73 in (222 mm)	G	25.02 in (636 mm)
D	5.87 in (149 mm)		
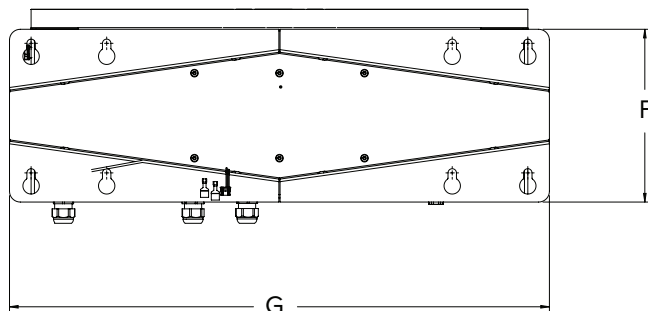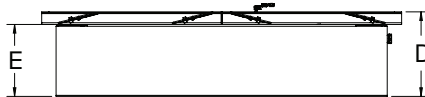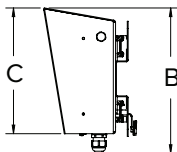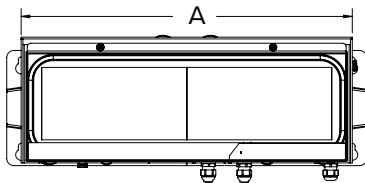
Standard Features

- Vibrant 128- by 32-pixel LED display with non-glare lens; high-intensity digits up to 5 inches tall
- Color commands change background and foreground text
- Auto Learn identifies and interprets the source weight data string for maximum compatibility with a wide range of indicators
- Versatile layout choices include mirror mode, 1-line, 2-line and quadrant format
- Dynamic messaging views can scroll, slide or flash
- Display stop/go light symbols/arrows with digits up to 4 inches tall
- Software selectable time/date when weight is at zero
- Integrated weathertight keypad for sending configurable scale commands to the indicator
- Durable IP66 enclosure with Gore-Tex® breather vent to inhibit internal moisture
- RS-232, RS-422, 20 mA and Ethernet TCP/IP
- Mounting options include VESA, flange and pole configurations

Mount Plate

Part Number/Price

Part #	Description	Est. Weight	Price
214825	LaserLight3 color 5-inch messaging remote display	20 lb	$1,995.00

Options/Accessories

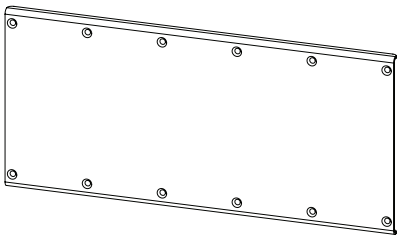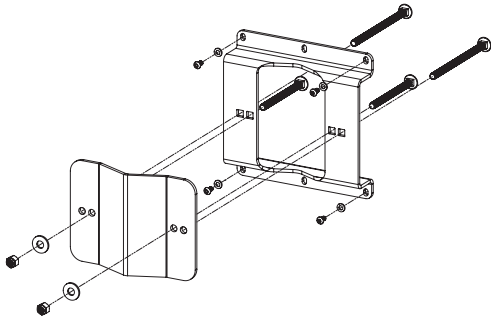| Part #	Description	Price
177865	Pole mount kit, VESA flat-wall, 200 mm W x 100 mm H, 6 fasteners (M4 x 8 mm) for 2-6 inch pole	$80.00
178790	Offset kit (right or left flag mount) used with universal pole mount (requires PN 177865)	$75.00
208807	Sunshade, 8-inch	$120.00
209118	Wireless LAN, Wi-Fi interface 8.02.11 a/b (factory installed)e	$575.00
175052	Wireless interface, pair of ConnexLink radios and mount	$835.00
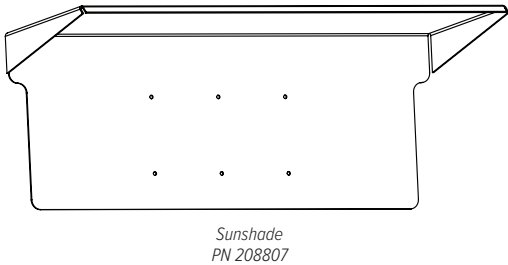
*Sunshade
PN 208807*
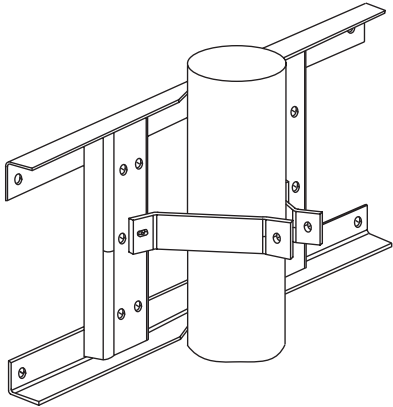
*Flange pole mount kit
PN 75856*

*Offset kit
PN 178790*

*VESA pole mount kit
PN 177865*

REMOTE DISPLAYS / SCOREBOARD

LaserLT-60 and LaserLT-100

Remote Display or Weight Indicator

LaserLT-60

LaserLT-100

Approvals

CE

Part Number/Price

Part #	Description	Price
Remote Display		
185253	LaserLT-60 remote display, 2.4 in (60 mm) LED	$1,300.00
185255	LaserLT-100 remote display, 4.0 in (100 mm) LED	$1,600.00
Weight Indicator		
197453*	LaserLT-60, indicator for weighing 2.4 in (60 mm) LED	$1,350.00
197454*	LaserLT-100, indicator for weighing 4.0 in (100 mm) LED	$1,650.00

*See Instrumentation catalog section for LaserLT models that are configurable as a weight indicator
(using SCT-1100 firmware).
  * Max 10,000 divisions or multi-range
  * A/D 24 bit 4-channel conversion
  * Connect 4 cells with summing or up to 4 independent weighing systems

Options/Accessories

Part #	Description	Price
185256	Mount bracket, 2 tilting side brackets for LaserLT-100	$60.00
185258	Visor for LaserLT-100	$150.00

Standard Features

- LED display
- Auto Learn mode, weight value only
- Manual configuration for format length, weight location, termination character
- Manual Configuration mode for reading weight, variables and bitmap bytes
- Parameters for motion, overload, decimal point, net character, COZ
- Status LEDs for Zero, Motion, Net, Unit 1, Unit 2
- Integrated five-key waterproof keypad with configurable scale commands
- Adjustment for six levels of brightness through the keypad
- Includes removable back wall mount bracket
- Fitted with anti-condensation air valve to regulate humidity and pressure

Specifications

Power:
  AC voltages: 110 to 240 VAC
  DC voltages: 12 to 24 VDC

Display:
  6-digit, 7-segment discrete red LED lamps, single width
  2.4 in (60 mm) or 4 in (100 mm) digit
  Decimal/comma indication in any position
  Annunciators for NT, Stability, COZ

Maximum Viewing Distance:
  LaserLT-60: 2.4 in digit 75 ft (25 m)
  LaserLT-100: 4 in digit 100 ft (30 m)

Communication Ports:
  RS-232, RS-485

Input Data Format:
  Baud rate: 1200 to 115.2 K software selectable
  Even parity 7 data bits, or no parity 8 data bits

Update:
  Software selectable 1-20/sec

Digital I/O:
  Two inputs, 12 to 24 VDC
  Two outputs, 48 VAC, 60 VDC max

Rating/Material:
  304 stainless steel, IP68

Weight:
  10 lb

Operating Temperature:
  -40 °F to 120 °F (-40 °C to 49 °C)
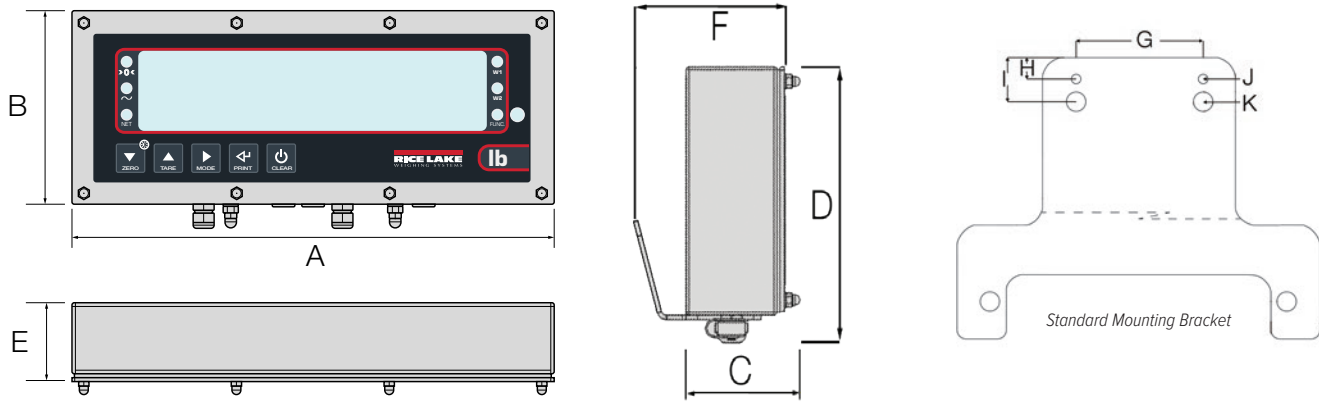
Warranty:
  One-year limited

Approvals:
  CE Marked

Dimensions			
LaserLT-60			
A	16.14 in (410 mm)	D	7.28 in (185 mm)
B	6.50 in (165 mm)	E	2.64 in (67 mm)
C	3.03 in (77 mm)	F	4.84 in (123 mm)
LaserLT-100			
A	16.93 in (430 mm)	D	7.63 in (194 mm)
B	7.28 in (185 mm)	E	2.52 in (64 mm)
C	2.52 in (64 mm)	F	3.98 in (101 mm)
Mount Bracket		**Hole Dimensions**	
G	2.36 in (60 mm)	J	0.24 in (6 mm)
H	0.39 in (10 mm)	K	0.39 in (10 mm)
I	0.81 in (21 mm)		

Standard Mounting Bracket

Dimensions			
Optional Side Bracket for LaserLT-100		**Hole Dimensions**	
L	3.98 in (101 mm)	Q	0.43 in (11 mm)
M	4.13 in (105 mm)	R	0.28 in (7 mm)
N	1.57 in (40 mm)	S	4.13 in (105 mm)
P	0.28 in (7 mm)	T	3.15 in (80 mm)
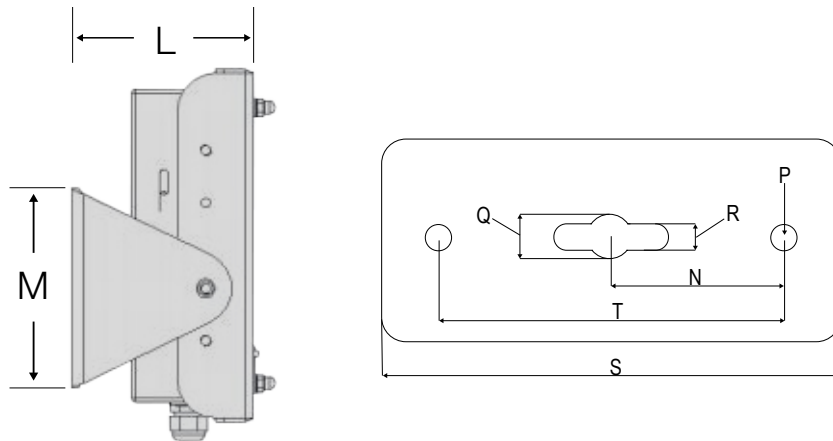
*LaserLT-100
Optional Side Bracket*
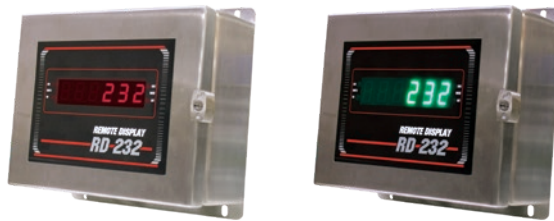
RD-232
Remote Display

RD-232 NEMA Type 4X FRP Enclosure

RD-232 Compact Stainless Steel Wall Mount Enclosure

RD-232 NEMA Type 4X Stainless Steel Wall Mount Enclosure

Standard Features

- AC or DC operation
- Easy-to-read 0.8 in (20 mm) LED red or green (sunlight visible)
- Three enclosure types or panel mount kit
- Four annunciators
- Full floating decimal point
- Compatible with a variety of digital weighing indicators; DIP switch selectable intuitive data receiver interprets serial strings

Specifications

Display:
6-digit, 7-segment, 0.8 in (20 mm) LED
Red (standard intensity)
Green (sunlight visible)

Annunciators:
lb, kg, gross, net

Operating Voltage:
115 VAC, 230 VAC available
DC voltage Range: 6.2-18 VDC

Input Interface:
RS-232, 20 mA active or passive current loop
ASCII compatible

Baud Rate:
Selectable: 300, 600, 1200, 2400, 4800, 9600, 19200

Operating Temperature:
-13 °F to 104 °F (-25 °C to 40 °C)

Rating/Material:
NEMA Type 4X FRP or stainless steel

Weight:
Approximately 5 lb (2.3 kg)
Stainless steel unit, approximately 8 lb (3.6 kg)

Warranty:
One-year limited

Part Number/Price

Part #	Description	Est. Weight	Price
Red LED			
32716	RD-232, 115 VAC/12 VDC, FRP enclosure, red LED	5 lb	$1,000.00
68786	RD-232, 115 VAC/12 VDC, compact stainless steel wall mount enclosure, red LED	5 lb	$1,000.00
32717	RD-232, 115 VAC/12 VDC, NEMA Type 4X stainless steel wall mount enclosure, red LED	8 lb	$1,250.00
32727	RD-232, 115 VAC/12 VDC, panel mount, red LED	3 lb	$950.00
34748	RD-232, 230 VAC/12 VDC, no power cord, FRP enclosure, red LED	5 lb	$1,100.00
Green LED			
178168	RD-232, 117 VAC/12 VDC, FRP enclosure, green LED	5 lb	$1,000.00
178169	RD-232, 117 VAC/12 VDC, compact stainless steel wall mount enclosure, green LED	5 lb	$1,000.00
178170	RD-232, 117 VAC/12 VDC, NEMA Type 4X stainless steel wall mount enclosure, green LED	8 lb	$1,250.00
178171	RD-232, 220 VAC/12 VDC, FRP enclosure, no power cord, green LED	5 lb	$1,100.00

Specify interfacing indicator when ordering a remote display

Options/Accessories

Part #	Description	Price
33210	Additional operating manual (RD-232/RD-300)	$23.00
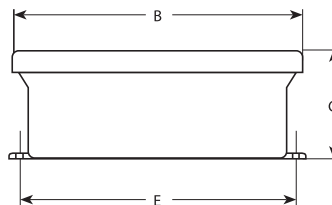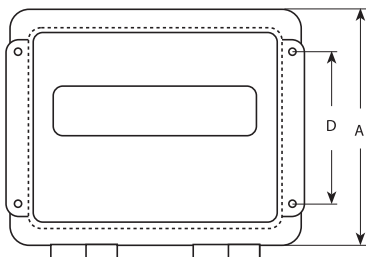
Dimensions			
FRP Enclosure			
A	8.00 in (203 mm)	D	4.00 in (101 mm)
B	9.50 in (241 mm)	E	9.00 in (222 mm)
C	6.00 in (133 mm)		
Stainless Steel Enclosure			
A	8.00 in (203 mm)	D	8.63 in (219 mm)
B	10.00 in (254 mm)	E	8.00 in (203 mm)
C	4.31 in (109 mm)		
Compact Enclosure			
A	6.25 in (158 mm)	D	5.25 in (133 mm)
B	9.25 in (234 mm)	E	8.50 in (215 mm)
C	2.00 in (50 mm)		
Panel Mount			
A	5.88 in (149 mm)	D	5.12 in (130 mm)
B	7.88 in (200 mm)	E	7.12 in (180 mm)
C	2.00 in (50 mm)		

RD-300 NEMA Type 4X FRP Enclosure

RD-300 Compact Stainless Enclosure

RD-300 NEMA Type 4X Stainless Steel Enclosure

Standard Features

- Easy-to-read 1 in (25 mm) LCD
- Three enclosure types or panel mount kit
- Status annunciators
- AC operation
- Backlight for dark conditions
- Compatible with a variety of digital weight indicators; intuitive data receiver automatically interprets serial strings

Specifications

Display:
6-digit, 7-segment, 0.8 in (20 mm)
LED

Annunciators:
lb, kg, gross, net

Operating Voltage:
115 VAC, 230 VAC available
DC Voltage Range: 6.2-18 VDC

Input Interface:
RS-232, 20 mA active or passive current loop
ASCII compatible

Baud Rate:
Selectable: 300, 600, 1200, 2400, 4800, 9600, 19200

Operating Temperature:
-13 °F to 104 °F (-25 °C to 40 °C)

Rating/Material:
NEMA Type 4X FRP or stainless steel

Weight:
Approximately 5 lb (2.3 kg)
Stainless steel unit,
approximately 8 lb (3.6 kg)

Warranty:
One-year limited

Part Number/Price

Part #	Description	Est. Weight	Price
68782	RD-300 AC, compact stainless steel enclosure with backlight	5 lb	$1,025.00
22532	RD-300 AC, FRP enclosure with backlight	5 lb	$1,025.00
22536	RD-300 AC, NEMA Type 4X stainless steel enclosure with backlight	8 lb	$1,275.00
22540	RD-300 AC, panel mount with backlight	3 lb	$950.00
34750	RD-300 AC, 230 VAC, FRP enclosure with backlight	5 lb	$1,125.00

Options/Accessories

Part #	Description	Price
33210	Additional operating manual (RD-300/RD-232)	$23.00

Dimensions			
FRP Enclosure			
A	8.00 in (203 mm)	D	4.00 in (101 mm)
B	9.50 in (241 mm)	E	8.75 in (222 mm)
C	6.00 in (133 mm)		
Stainless Steel Enclosure			
A	8.00 in (203 mm)	D	8.63 in (219 mm)
B	10.00 in (254 mm)	E	8.00 in (203 mm)
C	4.31 in (109 mm)		
Compact Enclosure			
A	6.25 in (158 mm)	D	5.25 in (133 mm)
B	9.25 in (234 mm)	E	8.50 in (215 mm)
C	2.00 in (50 mm)		
Panel Mount			
A	5.88 in (149 mm)	D	5.12 in (130 mm)
B	7.88 in (200 mm)	E	7.12 in (180 mm)
C	2.00 in (50 mm)		

REMOTE DISPLAYS / SCOREBOARD