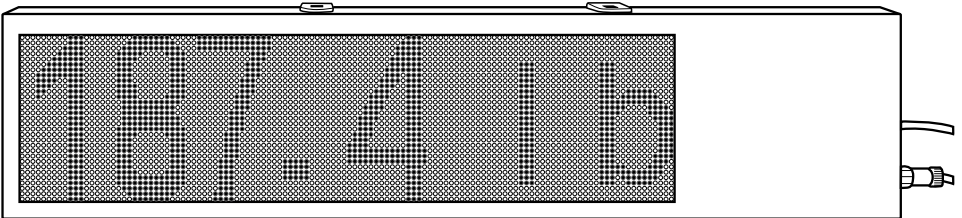




OP-910X Remote Display USER'S MANUAL

July 2019

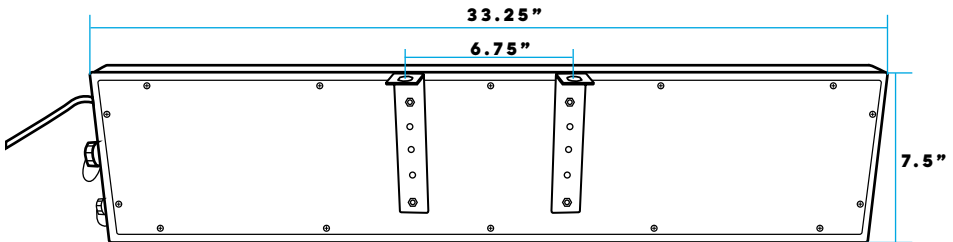


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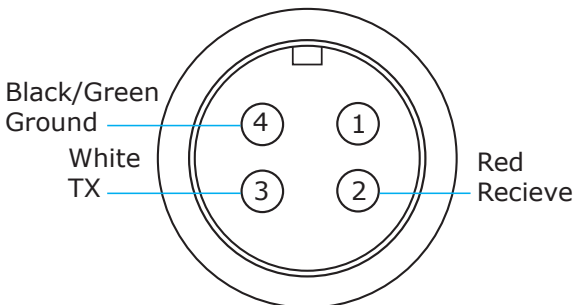
FEATURES

- Connects to your indicator to display live weight on a larger screen
- Bright LED display is readable in high and low light
- Display turns green when weight is stable and red when unstable
- 6 digit display
- Painted metal construction
- For indoor or outdoor use
- Includes two mounting brackets
- Connects to most indicators
- Ideal for use with vehicle scales, so drivers can see the weight from inside their vehicle, and proceed once the weight is green/stable
- Easy to install, connects with RS232 port

MOUNTING DIMENSIONS



CONNECTOR




SET-UP EXAMPLE

Here is an example of how to pair your scoreboard to Optima's most popular indicators. To set up OP-910 remote display, parameter settings need to be changed on your OP-900 or OP-901 indicator to allow communication between the two devices.


OP-900 PARAMETER SETTINGS



To enter parameter settings, follow the procedure below:

1. Press and hold the **HOLD** and **PRINT** key at the same time for 2 seconds
2. Use the arrow keys to change C01 to C18
3. Press the **PRINT**  key to enter/edit the parameter setting
4. Use the arrow keys to change the settings of the below parameters
5. Press the **ACCUM** key to save and exit parameter settings

OP-901 PARAMETER SETTINGS

To enter calibration/parameter settings, follow the procedure below:

1. Press and hold the **ON/OFF** and **SET** key at the same time for 2 seconds
2. Use the arrow keys to change C01 to C18
3. Press the **SET**  key to enter/edit the parameter setting
4. Use the arrow keys to change the settings of the below parameters
5. Press the **ON/OFF** key to save and exit parameter settings

Function	Parameter	Settings/Options
Communication Setting		Set the serial interface data output method: 0 = Turn off serial interface data output 1 = Continuous sending mode, for remote display 2 = Print mode, for ticket printer 3 = Command request mode, connect computer. 4 = PC continuous sending mode, connect computer
Baud Rate		0=1200 1=2400 2=4800 3=9600 (OP-910X remote display)

For more help, contact our technical support department at:
1-800-360-9619 ext. 2

Remote Display Continuous Sending Mode

Note: Baud Rate must be set to 9600

Output Continuous Format

S T X	S W A	S W B	S W C	X	X	X	X	X	X	X	X	X	X	X	X	X	C R	C K S
1	2		3						4						5	6		

State A

Bits0,1,2			
0	1	2	Decimal point position
1	0	0	XXXXXX0
0	1	0	XXXXXXX
1	1	0	XXXXX.X
0	0	1	XXXX.XX
1	0	1	XXX.XXX
Bits3,4			Division
0	1		X1
1	0		X2

State B

BitsS	function
Bits0	gross=0, net=1
Bits1	Symbol: positive=0, negative=1
Bits2	Overload (or under zero)=1
Bits3	dynamic=1
Bits4	unit: lb=0, kg=1
Bits5	Constant 1
Bits6	Constant 0

State C

Bit2	Bit1	Bit0	unit
0	0	0	Kg or lb
0	0	1	g
0	1	0	t
Bit 3			printing=1
Bit 4			Extend display=1
Bit 5			Constant 1
Bit 6			Constant 0