

## Long Logger System



### FEATURES

- 1% of net payload
- Easy to operate - One program
- Extensive self diagnostic
- Easy two-step calibration
- Post calibration
- Weight set-alarm points
- Supervisor lock-out
- Bright, dependable, easy to read LED display

### OPTIONS

- Printer
- Relay board
- Hand held remote

### DESCRIPTION

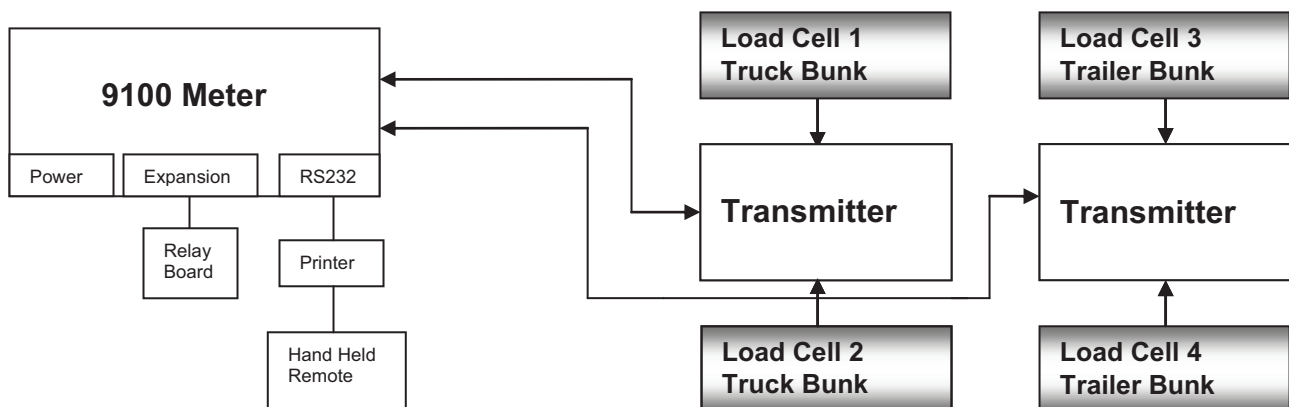
The Long Logger On-board system provides gross or net vehicle weight for truck and/or trailer. The Long Logger utilizes the double-gaged steel shear-beam load cells for the truck and trailer.

The easy-to-install and operate system consists of load cells and associated bearing plates mounted to support the load, an in-cab meter, truck- or trailer-mounted signal transmitters, and all the necessary wiring.

### APPLICATIONS

- Forestry/logging
- Bulk hauling
- Aggregate

### SYSTEM BLOCK DIAGRAM



### Long Logger System

<b>SPECIFICATIONS</b>				
<b>PARAMETERS</b>	<b>MIN.</b>	<b>TYP.</b>	<b>MAX.</b>	<b>UNIT</b>
Accuracy	0.5%	1.0%	1.5%	Full Scale
Capacity			Unlimited	
Number of load cells	2 or 4			
Number of voltage to frequency converters (transmitters)/system	1 or 2			
Number of Channels	1 to 4			
<b>METER</b>				
Display digits	.45" high, 7-segment, 6-digit LED			
Size	6.5" L x 3.2" W x 2.3" D; 2.1 lbs			
Divisions	20, 50, 100 (pounds or KG)			
Units	Pounds or kilogram			
Operating voltage	11.5		16	VDC
Current consumption			400	mA
Operating temperature	14		104	°F
Conversion (Frequency to digital)		2		Updates/ Second
Resolution		4000		Counts
Communications	RS232			
<b>TRANSMITTERS</b>				
Analog input	0.4		1.0	mV/V
Conversion ratio		66 kHz/mV		
Expansion port				
<b>LOAD CELL</b>				
Material	Alloy Steel, Nickel-Plated			
Weight	52 lbs with Mounting Hardware (standard)			
Size		26		Inch
Rated Output @ 20k lbs.	1.118	1.120	1.122	mV/V
Impedance	350 $\Omega$ Min			
Capacity	50,000 static, 20,000 dynamic			lbs

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