

Short Logger System (Canada)



FEATURES

- 1% or \pm 100 pound accuracy
- Easy to operate - One program
- Extensive self diagnostic
- Easy two-step calibration
- Post calibration
- Weight set-alarm points
- Supervisor lock-out
- Bright, reliable, easy to read LED display

OPTIONS

- Printer
- Relay board
- Hand held remote

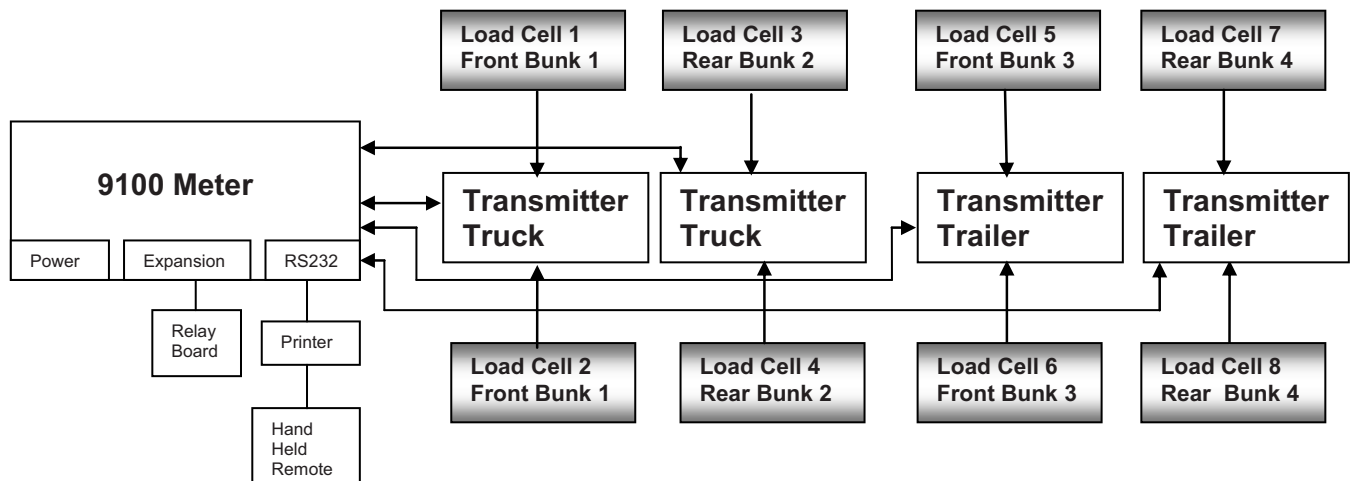
DESCRIPTION

The Short Logger On-board system provides gross or net vehicle weight for Truck and/or Trailer. The Short Logger utilizes alloy steel shear beam load cells for the truck and trailer. There are thousands of SI Onboard scale systems in use around the world. The systems are well known for increasing profits for owner/operators of the largest fleets in the world.

APPLICATIONS

- Forestry/logging

SYSTEM BLOCK DIAGRAM



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SI Onboard

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SPECIFICATIONS				
PARAMETERS	MIN.	TYP.	MAX.	UNIT
Accuracy	0.5%	1.0%	1.5%	Full Scale
Capacity			Unlimited	
Number of load cells	2 or 4			
Number of Transmitters per system	2 or 4			
Number of Channels	2 to 4			
METER				
Display digits	6, LED, 7-segments LED, 4.5"			
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			
TRANSMITTERS				
Analog input	0.4		1.5	mV/V
Conversion ratio		66 kHz/mV		
Expansion port				
LOAD CELL				
Material	Alloy Steel, Nickel-Plated			
Weight	52 lb with Mounting Hardware			
Size	2" x 2" x 26"			
Rated Output @ 20k lbs.	1.118	1.120	1.122	mV/V
Impedance	350 Ω Min			
Capacity	50,000 static, 20,000 dynamic			lbs

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