

INFINITY LOAD MONITORING SYSTEM

With the latest digital technology the INFINITY load monitor is fully digital with remote monitoring using a 2.4GHz wireless transmission. The load cell is fully digital and temperature compensated and make installation and operation simple. Using a Wireless Handheld Indicator transmission distance is 100metres and can incorporate with RS232 to a computer. Display Unit is in lb, kg, t.

Load cell are made with high strength alloy steel (stainless steel option) with the transmission module incorporate into the load cell.

Features:

- Capacity 1 to 150T
- Harsh and Rugged Environmental protection to IP67 for all outdoor uses
- Wireless transmission to 100M for very simple installation and reliable operation
- Wireless hand held indicator for display ,monitoring and calibration
- Indicator Numeric Key 0~ 9, SET, OK (for input value, backlight, PEAK, SET)
- Easy incorporate into Standard Shackle sizes
- Special fittings and sizes available for fast delivery

Applications:

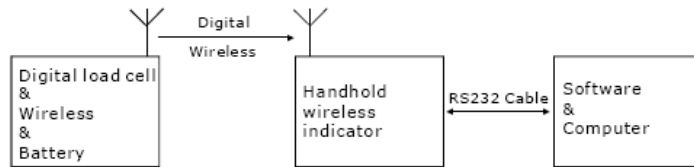
- Vessel mooring and towing
- Lifting and weighing
- Crane load and safety monitoring
- Tension monitoring



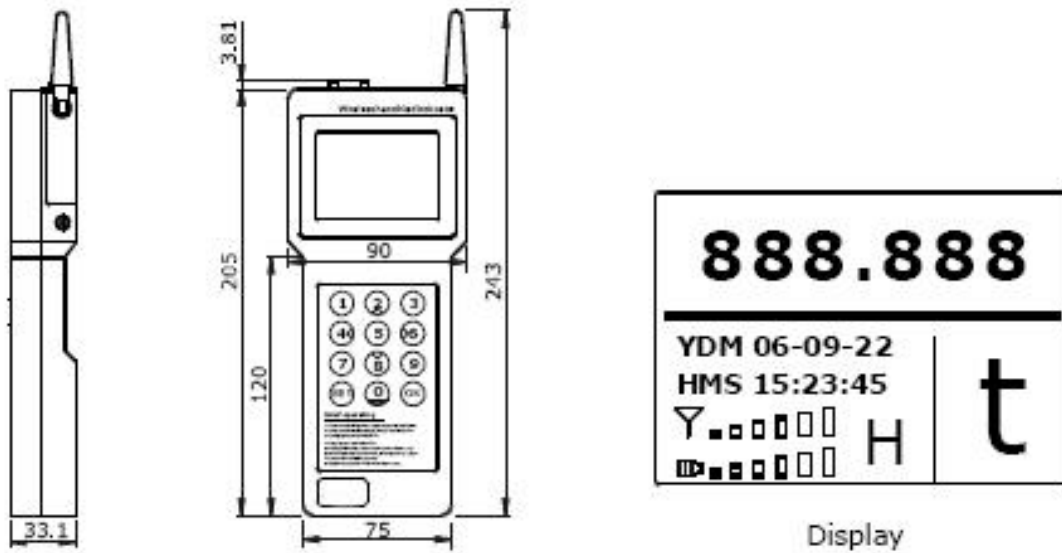
Work principle

First, the load cell's output signal is digital, Digital compensation and temperature compensation will be finished in internal. Though 2.4G wireless module to launch after reasonable encoding.

Handheld receive load cell output and its internal battery power consumption values then show them on the LCD display, and handheld through the RS232 output to a computer or large-screen display. If necessary, Multi-channel working is a option, One handheld can be connected to up to 16 sensors.

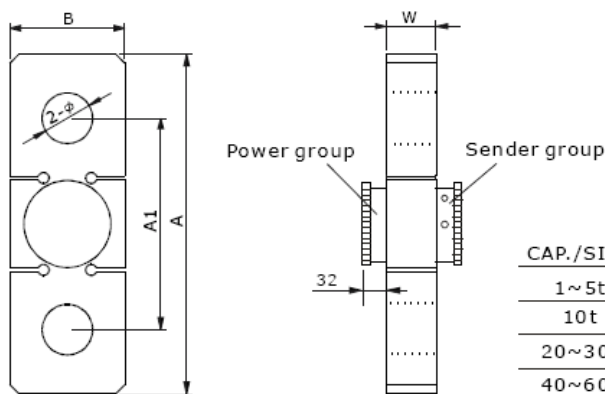


Dimensions (In mm. 1mm = 0.03937 inches)



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Notes:

1. There is a switch inside, when the unit is vertical with the antenna is upturned, the power will be on.
2. The unit power will be off when the unit is charging.

CAP./SIZE	A	A1	B	W	φ	Hook
1~5t	230	160	76	34	28	7/8
10t	280	180	90	47	38	1 1/4
20~30t	370	230	125	55	53	1 3/4
40~60t	430	254	150	85	73	2 1/2
100~150t	580	320	220	115	98	3 1/2