



Technical information

# SENTINEL PS2 wireless (MST-W05-PS2)

Sentinel PS2 is the Gold Standard when it comes to wireless on-board axle weight monitoring systems for trucks and trailers. The palm size hand held monitor displays gross weight and individual axle weights simultaneously and in real time within a radius of 400' from the vehicle. In a blink of an eye the pictogram displays gross weight and axle weights and their distribution. Weights can be displayed in net (payload) or gross (GVW) and selected units (kg, lbs or tons). Pictograms of popular trucks and trailers are available in the monitor's memory. The calibration process is as easy as 123. With accuracy of  $< \pm 1\%$  of GVW Sentinel is the right tool for remote work. It allows up to 8 channels (axle groups) to be displayed. Multiple trailers and their calibration are easily stored in the monitor which makes switching trailers easy. Sentinel wireless is as versatile as your needs require.



\*Cleral strongly recommends the use of immediate response height valves in air suspension systems for optimal scale performance. The condition and responsiveness of your height valves will have a direct effect on the performance of your Cleral scale. Poorly operating and slow responding height valves will cause the scale to be inconsistent and/or react, adjust and display accurate weights more slowly. Consult your Cleral dealer for details.

## Specifications:

### MST -W05-PS2

Type:	Wireless digital weighing system
Channels (axle groups)	up to 8
Signal:	RF, 2.4 GHz
Range:	Up to 400'
Mounting:	Hand held w/included cab mounted bracket
Applications:	Straight body, tractor/trailer, tractor only, trailer only
Sensors:	External
Accuracy:	$< \pm 1\%$ of GVW
Suspensions:	Air, Mechanical, Combination Air & Mechanical
Dimensions:	W 3.75", H 5", D 1"
Weight:	6.6 oz
Display:	LCD w backlight
Power	(2) AA digital camera batteries w/plug in lighter adapter
Resolution (air):	.03 psi
Resolution (mec.):	.25 micro strains
Units:	Tons, Lbs, Kilograms
Operating temp.:	$-4^{\circ}\text{f} - +125^{\circ}\text{f}$
Printer:	Optional
RS 232 output:	Optional

\*The Sentinel wireless monitor is designed to be used with Sentinel wireless air sensors and/or Sentinel wireless multiplexers and mechanical sensors.