



The new LANX WL system control unit is installed directly in the cab and provides a real-time display of the net, gross, semi-trailer and tractor axle weights, partial weights and with possibility also of the overloading acoustic alarm. LANX WL uses a variety of wireless digital sensors positioned on the vehicle's suspensions and has an alphanumeric screen that displays all weight data. This has been planned purposely for clients who intend to equip their fleet with a valid weighing system at an extremely competitive price. The system pays for itself immediately because knowing the weight of the load when you travel means optimizing transport times and economic yield in complete safety.

ADVANTAGES

- Wireless on board weighing during loading
- Simple and quick installation
- No fine for overloading
- Payload within legal limits
- Reusable system

FUNCTIONS

- Net, gross weight and axle by axle
- Programmable alarm limits for loading/overloading
- Plate tractor and trailer
- Database plates trailers
- Diagnostics

TECHNICAL DATA

Display	Back-lit LCD 2x16 characters
Screen	Ton or kilogram
	Multilingual
Working temperature	0°÷50° C
Power supply	18-30 Vdc
Protection level	IP40
Max current	0.5A a 24 Vdc
Dimensions	132x100x42 mm without flange
Colour	Matt black



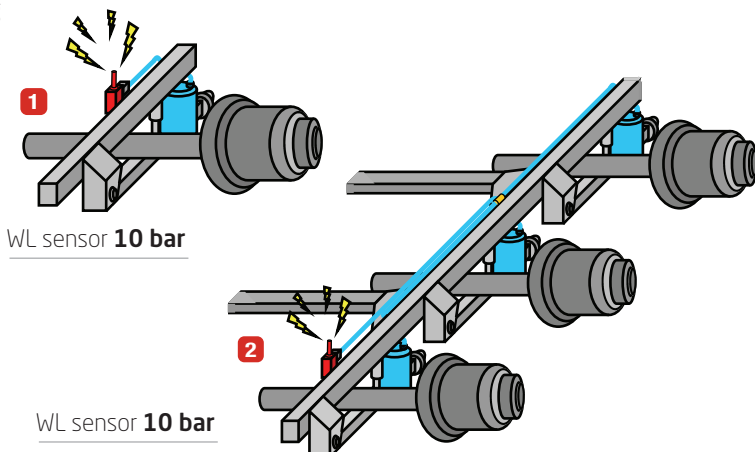
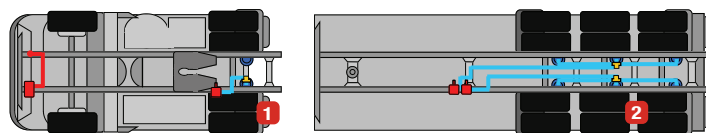
VEHICLES WITH AIR SUSPENSIONS

The Wireless digital sensors, which are installed on the tractor rear pneumatic suspensions [1] and on the trailer pneumatic suspensions [2], record the pressure variation due to the weight loaded on the vehicle, by sending data to the LANX WL unit located in the cab. The sensor only needs the pneumatic connection. Being self-powered and with radio transmitter it requires no cables.

Accuracy: $0 \div 1\%$

Technical data

Technical data	Wireless sensor 10bar
Power supply	Primary Li-ion battery (inside)
Connection	Wireless
Frequency	2.4 GHz
Range	0-10 bar
Safe overload	20 bar
Working temperature	-40° ÷ +85° C
Protection level	IP66



COMPONENTS LIST

LANX WL is a new generation on-board weighing system for commercial vehicles, designed to be a "must-have" for truckers who need to know weight loaded at any time and place. New wireless digital sensors make installation simple and quick, combining the advantage of cost reduction and reduced cable maintenance.



Lanx WL main unit



wireless digital sensor self-powered



power supply cable with cigar socket

option one



power supply cable with acoustic alarm

option two

