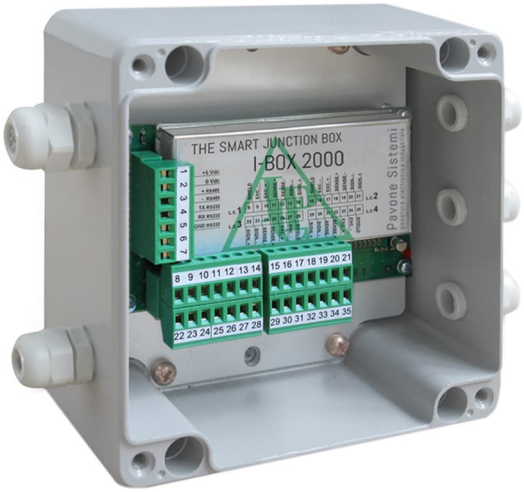
General information

PWS6120250731

The I-BOX 2000 weight transmitter is the effective economic alternative to digital load cells: it replaces the analog junction cards, it simplifies installation and it speeds up the system calibration. The I-BOX 2000 weight transmitter replaces the analog junction cards and it allows the continuous monitoring of the individual load cells. I-BOX 2000 weight transmitter is ideal for weighing systems on strain gage load cells, it also provides weight and output signal of each individual cell to correct weight distributions on the cells. Moreover, a dedicated PC software allows you to program operating parameters, to monitor each individual channel and to display the weight values.

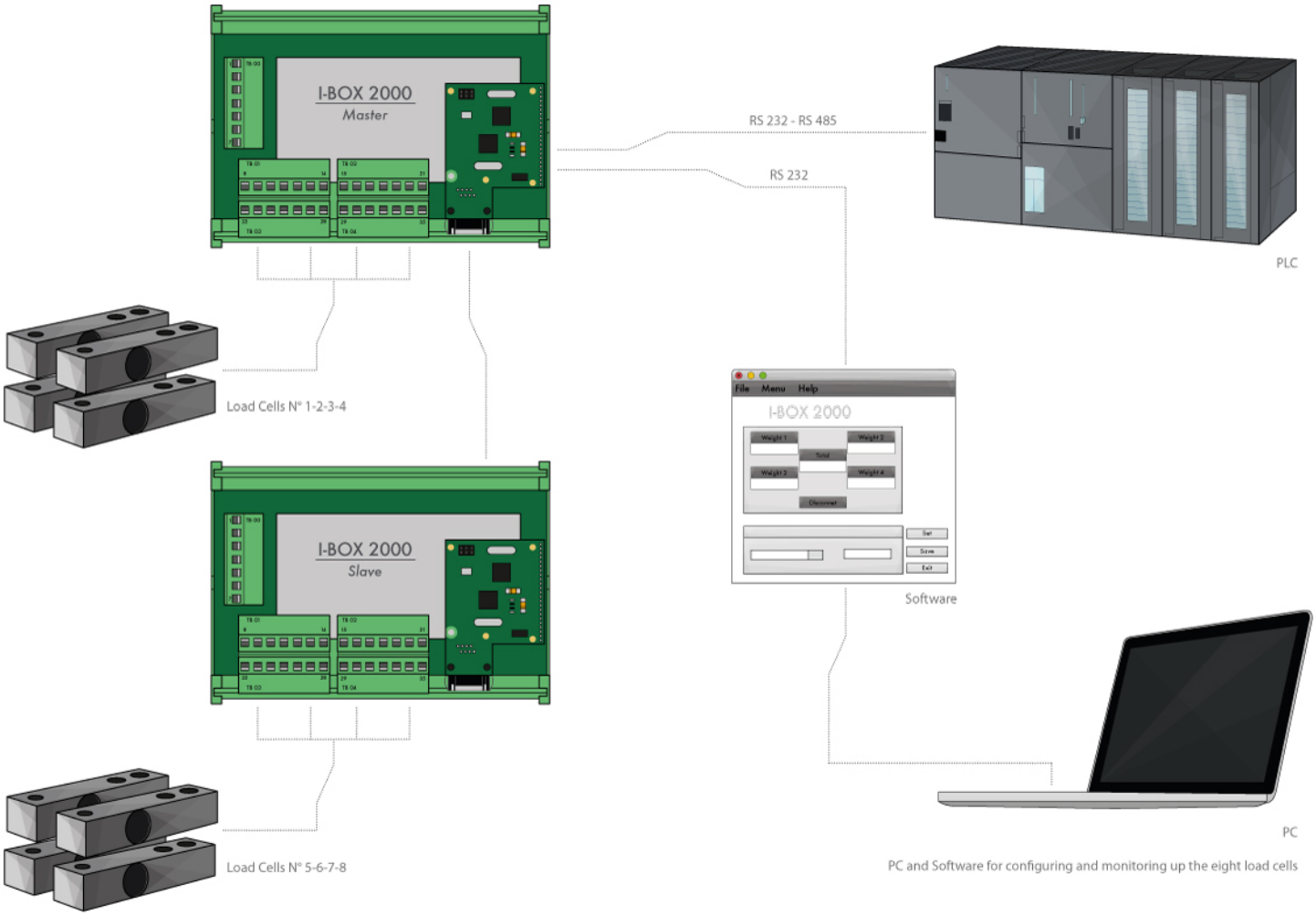


All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

PWS6120250731

Measuring range:	-0.5 ÷ +3..5 mV/V (-3.9 ÷ +3.9 mV/V optional)
Input sensitivity:	0.03 µV/count
Full scale non-Linearity:	< 0.01%
Gain drift:	<0.0003% FS/°C
A/D Converter:	24 bit
Internal Resolution:	> 16.000.000 points
Trasducer input voltage:	5 V (max 6 load cells 350 Ohm)
Temperature range:	-10 ÷ +50 °C
Serial port:	COM1: RS232 (until 15m) COM2: RS485 (until 1000m)
Power supply:	12÷24 Vcc or 5 Vcc on demand
Regulatory compliance:	EN 61000-6-3, EN 61000-6-2
Dimensions:	Sheet: 128 x 72 x 20 (L x W x D) - ABS case: 200 x 150 x 75 (L x W x D) - metal enclosure: 160 x 160 x 90 (L x W x D)
Number of readings per second:	0.1 ÷ 72 depending on the number of active channels and digital filter



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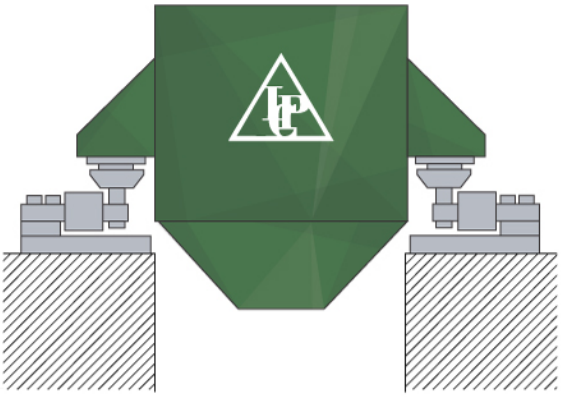
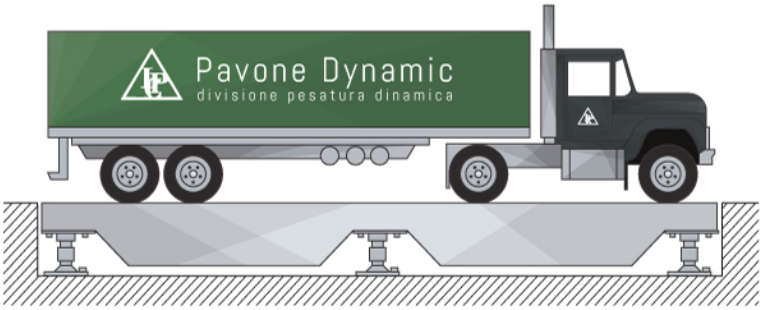
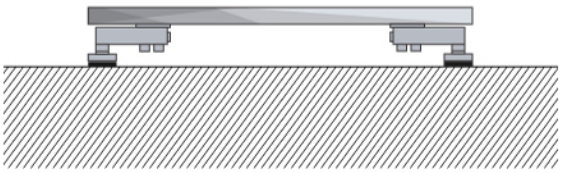
Tank scales



Hopper scales



Veichles scales



Floor & Bench scales

To Pcs, PLCs, Displays, UWT 600 weight transmitter and MC 302 Indicating Controller (see separate literature)

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