Weigh-In-Motion

Robust, High-Speed Data Interface

for In-Motion Vehicle Weighing Applications

Key Component in an Integrated Vehicle Weighing System

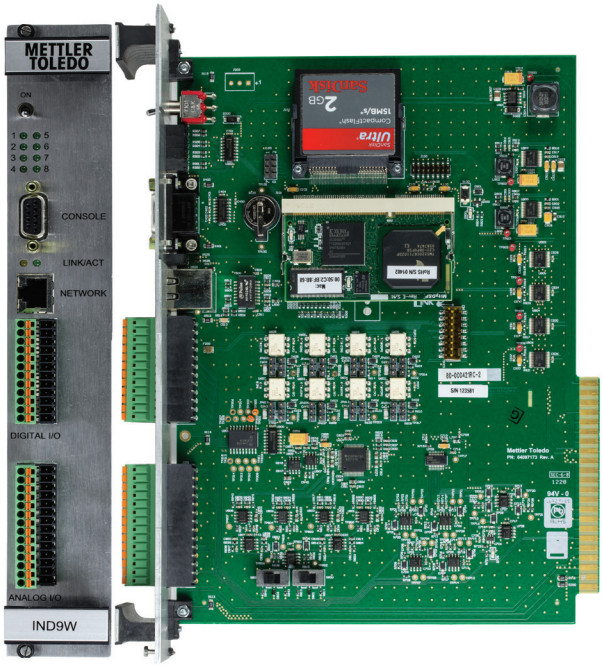
IND9W is at the center of the METTLER TOLEDO Weigh-In-Motion system, performing command and communication functions to acquire and communicate data from weight and position sensors.

High-Speed Data

When important data accumulates rapidly, a powerful interface is absolutely necessary. IND9W's high-speed A/D channels ensure that important information is captured and communicated accurately and quickly.

Ready for Harsh Environments

Road-side WIM cabinets can present challenges to electronic components. The IND9W's ability to function in a wide range of temperatures means it can keep working when conditions are extreme.



IND9W

WIM Data Interface

The IND9W is designed to be used as a component in a METTLER TOLEDO Weigh-In-Motion (WIM) system. It can interface to load cell scales, piezo weighing sensors, and quartz piezo weighing sensors, as well as loop detectors and other presence detector devices.

METTLER TOLEDO

IND9W

Data interface for Weigh-In-Motion vehicle weighing installations

Technical Data and Specifications

Processor	200 MHz
Memory	8 MB RAM; plug-in CF (Compact Flash) memory card (2 GB)
Analog/Digital Channels	2 High-Speed; 2 Low-Speed
Digital I/O	8 Inputs, 8 Outputs
Connectivity	Integral 10/100M Ethernet Serial Port
Timekeeping	Battery-backed real time clock
Power requirement	10-32 VDC input voltage
Operating environment	5°F / -15°C to 158°F / 70°C

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Subject to technical changes

INDB010341.E

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For more information