

WIMLogix™ Pro CPU Module

Weigh-In-Motion Applications



Rack-mounted Central Processing Unit Collects Wheel, Axle & Gross Vehicle Weights (GVW) across a Range of Speeds with Intercomp WIM Strip Sensors

The WIMLogix™ Pro CPU is a full function CPU that provides signal conditioning, data acquisition, and basic processing of the analog output from Intercomp's WIM Strip Sensors. Additionally, the CPU collects, synchronizes, and stores vehicle data and imagery into customizable reports.

With two (2) loop inputs and eight (8) sensor inputs, the WIMLogix™ Pro CPU processes up to two lanes of traffic. Additional relay and loop outputs on the module enable triggering of equipment such as cameras and gates. Vehicle data logs are created and stored onboard the CPU, and are downloaded over a network connection via HTTP, FTP, direct access to the module, or with real-time reporting.

Communication is enabled via ethernet ports or USB ports on the back of the CPU. If the initial data needs to be integrated into existing software, data can be accessed by the operating software, or utilize Intercomp supplied Windows-based API to simplify your software development.

WIMLogix™ Pro Weigh-In-Motion CPU Module



Weigh-In-Motion Strip Sensors

Intercomp's Strip Sensors utilize strain gauge technology which is widely accepted as the most accurate and reliable means to weigh a vehicle. This revolutionary Weigh-In-Motion strain gauge based design provides an alternative to traditional sensor based technology. Intercomp Strip Sensors are OIML R134 5E and 10F certified and capable of meeting or exceeding ASTM E1318-09 Type I, Type II, Type III and COST 323 A(5), B+(7) or B(10) performance requirements. Installed within 3" (75 mm) wide channels in the pavement, the sensor delivers lower cost because of the minimal time & labor associated with installation and maintenance.



Intercomp Remote Monitoring Software

The WIM software automates the entire weighing process. Vehicle records including Time/Date, Vehicle Classifications, GVW, Axle Weights, Violations and Violation Codes, Vehicle Images and License Plate information are created and displayed for real-time use or stored for later access. Reports can be generated for specific vehicles, vehicle violations, or for specified periods of time.



WIMLOGIX™ PRO CPU SPECIFICATIONS

(8) WIM SCALE INPUTS	8-Pin Circular PT Connectors
(2) LOOP INPUT	8-Pin Screw Terminal (On Front)
(3) AUX LOOP OUTPUTS	8-Pin Screw Terminal
(2) RELAY OUTPUTS	6-Pin Circular Connector
COMMUNICATION	Ethernet Jack for Connection to Host Controller
POWER	12 VDC, 110 VAC Adapter Included
RED (PWR) LED	Lit When Unit Turned On

ENVIRONMENTAL DATA

HUMIDITY	10 to 95% Non-Condensing
TEMPERATURE: OPERATING STORAGE	-29° F to +158° F (-34° C to +70° C) -40° F to +176° F (-40° C to +80° C)

DIMENSIONS (INCLUDE MOUNTING BRACKETS)

RACK MOUNT	19" W, 3.5" H (2U), 13" D (483 x 89 x 315 mm)
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Specifications subject to change without notice.



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