

WIMLogix™ CPU Modules

Weigh-In-Motion Applications



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

Mounted in the electronics cabinet adjacent to an in-road WIM installation, the WIMLogix™ CPU provides signal conditioning, data acquisition, and basic processing of the analog output from Intercomp's WIM Strip Sensors. The CPU is used to capture weight-related data from Strip Sensors employed in data collection, screening for enforcement, pre-selection for weigh stations, bridge protection, tolling (ETC) and port of entry applications.

The WIMLogix™ CPU comes in two configurations, either four (4) or eight (8) channels for connection to Intercomp Strip Sensors which utilize strain gauge technology to collect WIM data. Each CPU has additional inputs and relays to enable connectivity to additional sensors or equipment.

Data is sent via ethernet output from the CPU to external software. This is integrated into operating software in two ways: 1) Wheel load and vehicle presence flags are accessed by the operating software. 2) Wheel load, axle load, GVW, vehicle speeds, and center-to-center spacing information utilizing Intercomp supplied API to simplify your software development.

WIMLogix™ Weigh-In-Motion CPU Modules



4 CHANNEL WIMLOGIX CPU- for One Vehicle Lane

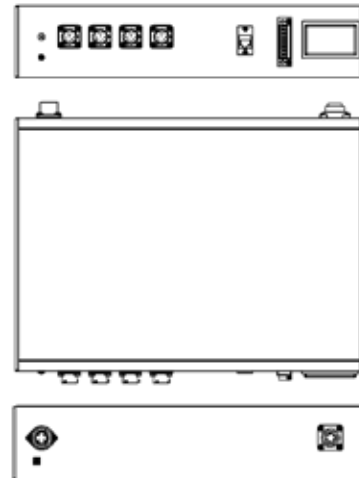
(4) WIM SCALE INPUTS	8-Pin Circular PT Connectors
(1) LOOP INPUT	8-Pin Screw Terminal (On Front)
(2) AUX LOOP OUTPUTS	8-Pin Screw Terminal
(2) RELAY OUTPUTS	6-Pin Circular Connector
COMMUNICATION	Ethernet Jack for Connection to Host Controller
POWER	12VDC, 110VAC Adapter Included
RED (PWR) LED	Lit When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

ENVIRONMENTAL DATA

HUMIDITY	10 to 95% Non-Condensing
OPERATING TEMPERATURE	-29° F to +158° F (-34° C to +70° C)
STORAGE TEMPERATURE	-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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8 CHANNEL WIMLOGIX CPU- for One or Two Vehicle Lane

(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
(4) RELAY OUTPUTS	6-Pin Circular Connector
COMMUNICATION	Ethernet Jack for Connection to Host Controller
POWER	12VDC, 110VAC Adapter Included
RED (PWR) LED	Lit When Unit Turned On

ENVIRONMENTAL DATA

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