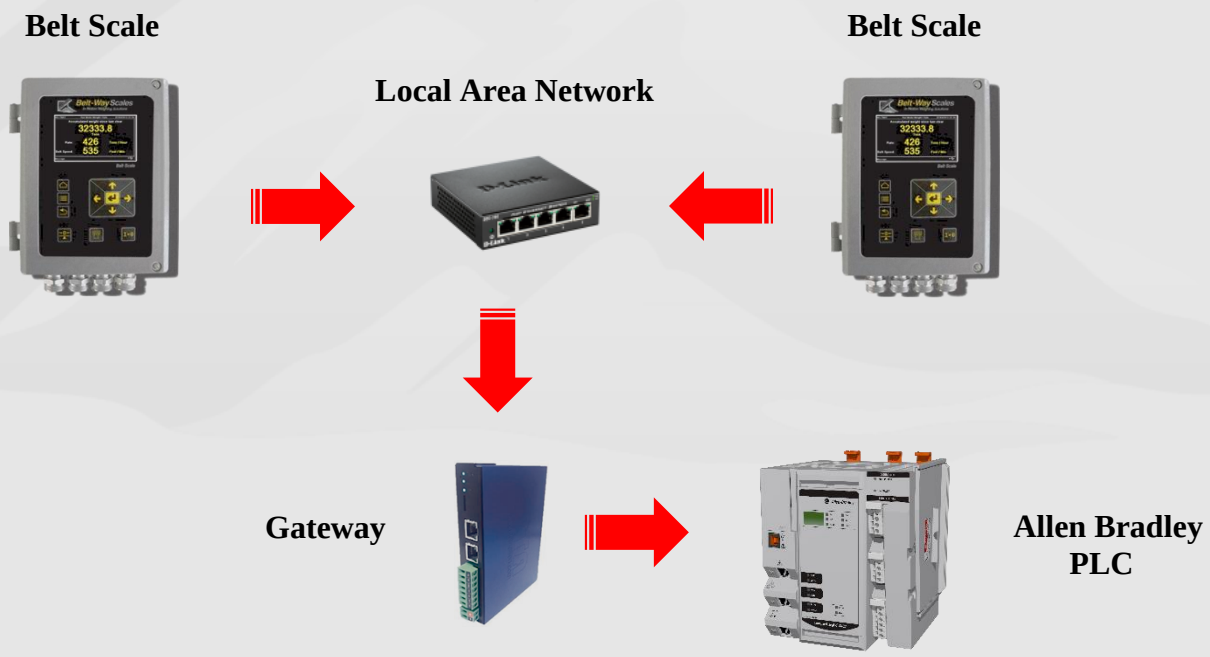
Belt-Way Scales
In Motion Weighing Solutions

Allen-Bradley PLC Gateway

Quickly Integrate Belt-Way Scales into Allen-Bradley PLC Network

The Belt-Way Modbus TCP/IP to Allen-Bradley PLC Gateway makes plant automation easy and cost effective.

- **Each gateway supports 16 scales and 5 PLCs.**
- **Works with wireless or hardwire Cat5e networks.**
- **Minimal scale configuration.**
- **Custom AOI reduces PLC implementation time.**
- **View scale runtime data (Weight, Rate, Belt Speed, etc.)**
- **Reset scale weights and perform zero calibrations from HMI.**



Belt-Way Scales, Inc., 102 E. Daugherty, Webb City, MO 64870 USA
Phone: (815) 625-5573 Website: www.beltwayscales.com email: sales@beltwayscales.com

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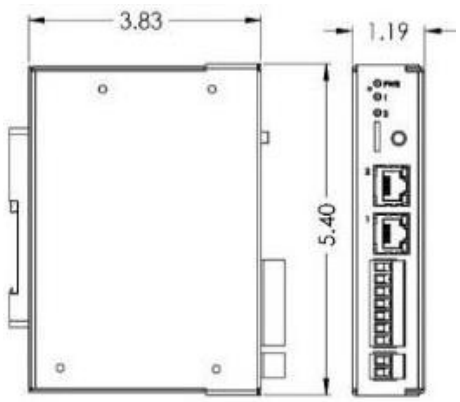
Specifications

PART # AA139

ELECTRICAL / ENVIRONMENTAL	
DC Input Voltage	12-24 VDC
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2
ENCLOSURE / HARDWARE	
Size	5.40″ x 3.83″ x 1.19″
Weight	7.6 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Power LED & 2 general purpose LEDs on side
Ports	2 Ethernet, 1 power, 1 communication terminal

DIMENSIONS



EtherNet/IP Tag Client FEATURES	
PLC Support	ControlLogix, CompactLogix, FlexLogix, MicroLogix, SLC's and PLC5E's
Maximum Number of PLCs Supported	5
Maximum Number of Input Tags or Files per PLC	150
Maximum Number of Output Tags or Files per PLC	150
Array Support	Yes, for all data types except strings
Supported Data Types	ControlLogix / CompactLogix / FlexLogix: Bit, 32 Bit Array, SINT, INT, REAL, STRING, DINT, MicroLogix / SLC / PLC5E: 16 Bit Array, INT, REAL, String
Modbus TCP/IP Client FEATURES	
Operation Mode	Modbus TCP/IP Client
Function Codes Supported	1,2,3,4,5,6, 15 & 16
Swapping	Byte and Word Swapping
Maximum Modbus TCP/IP Server Devices	32
Number Read/Write Scan Lines per Server Device	200 Total - 100 reads & 100 writes
Scan Line Support	Up to 125 Registers or 512 Coils

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