



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 Scale



Belt Scale



Local Area Network



Gateway



Allen Bradley
PLC



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Specifications

PART # AA138

ELECTRICAL / ENVIRONMENTAL		DIMENSIONS
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	

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