



**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 # AA139

| 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   |