



# ESTEEM

SECURE WIRELESS NETWORKING

## Edge 900



### Key Features

✓ 902-928MHz Frequency

✓ 1 Mbps

✓ Simple Networking

✓ Edge-to-Edge AES-256 Cybersecurity

✓ Scalable and Cost Effective

✓ Weatherproof NEMA 4 case



Water/Wastewater



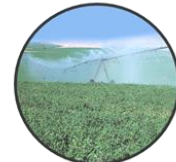
Oil & Gas



Mining



Power & Energy



Agriculture



Infrastructure

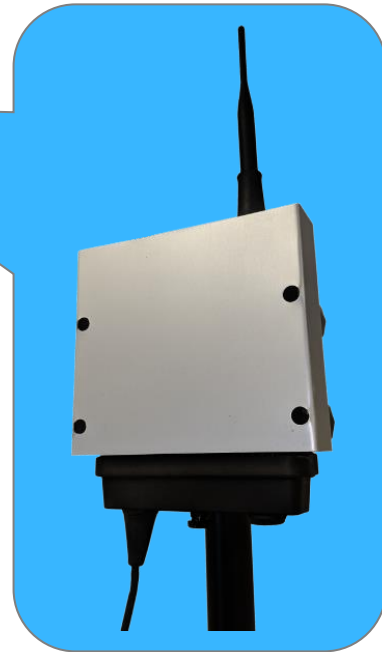
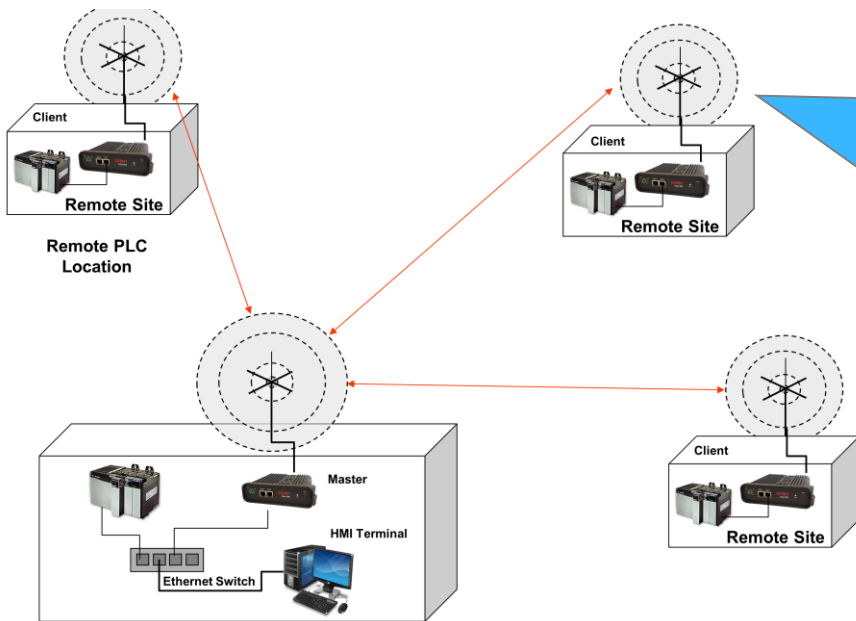
The **ESTeem Edge 900** is a 900MHz ruggedized wireless device built to be an essential component of the demanding industrial communications infrastructure. The **ESTeem Edge 900** delivers the reliable, isolated and secure wireless networks required today to provide complete connectivity to critical IT, operations control systems and remote asset data. No bells and whistles....just solid performance you can count on at a budget friendly price. Private and Secure.

**ESTeem** Secure Wireless Networking

www.esteem.com

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## ESTeem Edge 900 Specifications

| ESTeem Edge 900 Specifications           |   |
|--|---|
| <b>Transmitter/Receiver</b>              |   |
| Frequency of Operation                   | 902-928 MHz (13 Channels)   |
| RF Data Rate                             | 1 Mbps  |
| Tx Output Power (Software Selectable)    | 24 dBm  |
| Tx Output Impedance                      | 50 ohms   |
| Rx Sensitivity                           | -97 dBm   |
| FCC Type Acceptance                      | ENPEDG217ES   |
| Industry Canada Type Acceptance          | 2163A-217ES   |
| LED Indicators                           | Power (On/Off) - Carrier Detect (On/Off) - Transmitter (On/Off) - Receiver (On/Off) |
| <b>Power Requirements</b>                |   |
| Receive                                  | 250mA @ 12 VDC  |
| Transmit                                 | 800mA @ 12 VDC  |
| PoE Power Supply                         | (IEEE 802.3af - Mode B) (opt)   |
| External Power Input                     | 10 to 16 VDC @ 1A   |
| <b>Input/Output Connectors</b>           |   |
| Ethernet Port 1 (10/100/1000)            | RJ-45 Female  |
| RS-232C Comm Port (2,400 to 115.2 Kbaud) | RJ-45 Female  |
| Antenna Input/Outputs                    | TNC Reverse Female  |
| External DC Input Power                  | Mini-Combicon, 3 pin female   |
| <b>Case</b>                              |   |
| Temperature Range                        | -30° to +60° C  |
| Humidity                                 | 95% Non-condensing  |
| Dimensions                               | 1.9 in. H x 6.7 in. W x 6.2 in. L   |
| Weight                                   | 1.25 lbs.   |
| Product Warranty                         | 1 Year  |
| <b>Other</b>                             |   |
| Outdoor Pole Mt. Kit                     | AA195PM(opt)  |
| PoE Power Supply                         | AA173(opt)  |
| Security                                 | AES-256   |