

### Benefits

- Efficient "3-wires-only" connectivity to *Autoscope ENCORE* sensor
- Quick installation into any traffic control cabinet configuration
- Convenient integration into an Ethernet-based communications infrastructure
- Reduces maintenance time

### Theory of Operation

The Interface Panel supports Autoscope EasyLink communications with up to eight Autoscope ENCORE sensors. It provides high-voltage transient protection, mechanical strain relief, "3-wires-only" power connections. The interface panel passes detection information from the Autoscope sensors to the Access Point DPM for the traffic controller or cabinet. The Autoscope Configuration Wizard® makes detection set-up quick and easy.

The Interface Panel is a highly integrated and optimized solution for networking sensors. It reliably delivers broadband exchanges in the challenging traffic communications environment and combats deep attenuation events, noise sources, and multi-path fading by adjusting to the variable Signal to Noise Ratio (SNR). The system manages communications for dependable distribution of data packets and offers the high-bandwidth performance necessary to drive sophisticated traffic detection applications.

### Applications

- Intersection detection
- Highway data collection
- Automatic incident detection
- Bridge, tollway, and tunnel management
- Work-zone safety and traffic control
- Traveler information systems
- Remote video surveillance

## Basic Specifications

- Temperature
  - -29°F to +165°F (-34°C to +74°C)
  - 0 to 95% relative humidity
  - Up to 100% relative humidity per MIL-E-5400T paragraph 4.3.24.4
- Power
  - 5W
  - 110/220 VAC, 50/60 Hz from line-filtered side of cabinet power supply
  - 2 fuses
- Dimensions
  - 11 in. x 7 in. x 2 in. (28 cm x 18 cm x 5 cm)
  - 1.7 lb (0.8 kg) on standard sheet metal panel



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