

Benefits

- Simple cabling and set-up
- Quick installation into any traffic cabinet configuration
- Time-saving maintenance features for the traffic equipment manager
- Surface-mount technology for increased reliability
- Efficient outputs
- Use in all cabinets with TS2 SDLC communications
- Use in all TS1 or Caltrans 332 cabinets
- Failsafe detector outputs to traffic controller
- Superior value when compared to previous detection systems
- Software-upgradeable

Set-up & Operation

Autoscope Technology combines state-of-the-art advances in digital video, digital image signal processing, and EasyLink broadband communications to enhance performance. A standard CAT-5 cable connects the *Autoscope* system into a network to view video, collect traffic data, and maintain the system.

Autoscope products like Access Point use Internet-standard, IP-based addressing with a unique Ethernet MAC address. Depending on the cabinet configuration, detector port communication to the TAP is conducted via a broadband link through the TIP to the *Autoscope* sensors or a standard RS-485 serial link to the *Autoscope RackVision Terra MVP*.

The *ENCORE Access Point* will interface detector outputs directly to NEMA TS1/TS2, Type 170/179, or 2070 ATC controllers. For central systems, traffic data can be quickly integrated into a proprietary database with the optional *Autoscope* Software Developer's Kit (SDK).

When connected to *Autoscope* sensors and a TIP, the TAP converts streaming digital MPEG-4 video to standard NTSC or PAL analog video to view locally at the traffic cabinet. The toggle switch selects video output and the rotary switch selects which camera to view.

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
- Power
 - 12 to 24 VDC or VAC, 11W maximum
- Dimensions & Weight
 - 4.5 in. H x 2.34 in. W x 6.9 in. L (114 mm x 59 mm x 175 mm) (excluding handle)
 - 0.5 lb (0.2 kg)



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