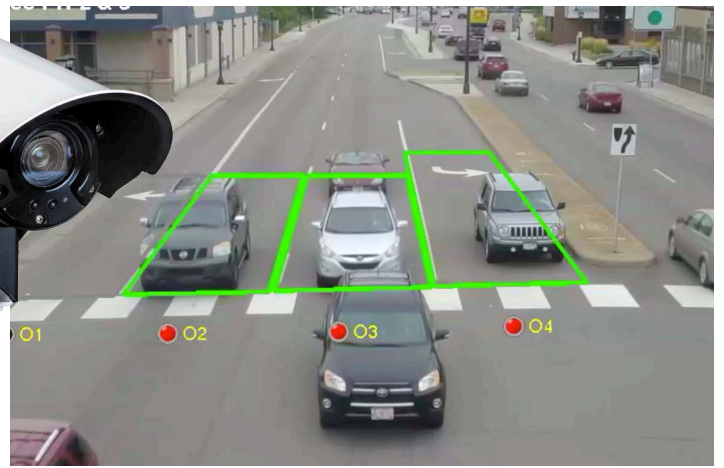


# Autoscope® VISION

*Accurate. Versatile. Simple.*



Autoscope Vision® is taking video detection to new heights by offering a highly accurate, easy to use multi-tasking solution. The integrated camera-processor sensor provides high performance stop bar vehicle detection, bicycle detection and differentiation, advance vehicle detection, traffic data collection, and High-Definition video surveillance.

Building on more than two decades of proven above-ground video detection experience, Autoscope Vision delivers the highest levels of innovation and performance in an easy-to-use detection solution that supports a variety of traffic management and ITS applications. The performance of Vision is robust and reliable, and is based on a new hardware platform designed to enable future ITS capabilities and solutions.

Vision is complimented by a sophisticated Autoscope Comm Manager, a versatile communication hub with a small in-cabinet footprint that optimizes space efficiency. The Comm Manager supports local WiFi communications and streaming video to mobile devices.

## APPLICATIONS

- Stop bar vehicle detection
- Advanced vehicle detection up to 600 feet
- Traffic data collection and analysis
- Bicycle detection and differentiation
- Remote high-definition video surveillance
- Work zone safety and traffic control

## FEATURES

- Vehicle detection, traffic data measurement and incident detection
- Integrated high-definition colour camera, remote controllable zoom lens, and machine vision processor in one compact unit ensures high quality video for processing
- Digital streaming video output
- Built-in local WiFi for quick and simple setup
- Program an entire intersection in just minutes
- Cost-effective 3-wire cable enables easy pulling through conduit
- Phase colour input support for delay on red and extend on green, on a zone-by-zone basis
- Traffic data collection includes per-vehicle speed, length, turning movements and wrong way detection

## BENEFITS

- Cost-effective solutions for traffic management
- Object tracking algorithm technology for best in class detection accuracy
- Easy to install and configure
- Proven technology from the long time market leader
- Flexible design meets a variety of detection objectives
- Superior value and performance compared to other detector systems



# Autoscope Vision

## SPECIFICATION

### Power

- 16W typical, 18W maximum
- 89 to 265 VAC, 60/50 Hz

### Video

- HD streaming video output  
H.264 720p (1280 x 720) video output
- Image snapshot resolution 1280 x 720

### Lens

- 10X motorized zoom
- Standard configuration:  
Horizontal: 7.6 to 67.0 degrees  
Vertical: 4.3 to 37.7 degrees  
Focal Length 3.8mm to 38mm

### Camera

- 1/2.8" CMOS sensor
- 2MP
- Signal-to-noise > 50 dB
- Wide dynamic range
- Noise reduction
- High sensitivity mode

### Housing and Sunshield

- Image sensor and processing board sealed in a waterproof and dust-tight housing (IP 67)
- Adjustable sun and weather shield with drip guard
- Mounting: standard camera bracket tilt-top provided
- Tilt-able sunshield for easy installation
- Tethered removable end cap for easy access to terminations without compromising the housing seal

### Communications

- System connections via Autoscope Comm Manager Ethernet RJ-45 WAN Port
- Ethernet RJ-45 for installation/maintenance
- WiFi communications via Autoscope Comm Manager for installation/maintenance and video streaming

### Environmental

- -34° C to +74° C (-29° F to +165° F)
- Meets TS-2 standards
- Relative humidity of 0 to 95%, non-condensing

### Dimensions and Weight

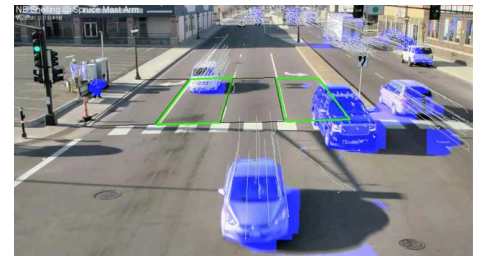
- H x W x L (with sunshield and bracket)  
178 mm x 140 mm x 572 mm  
(7 in x 5.5 in x 22.5 in)
- 2.95 kg (6.5 lb)

### Warranty

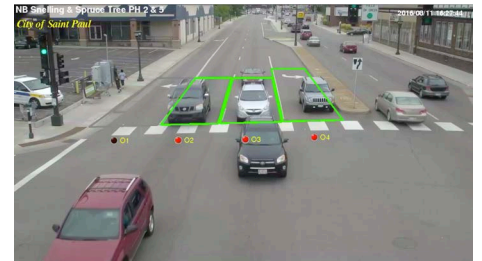
- Three-year warranty

### Regulatory

- FCC Part 15, Class A
- ICES
- NEMA TS2-2003



Object tracking algorithm technology for best in class detection accuracy



Easy configuration and setup

## CONTACTS

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