

Autoscope IntelliSight

Autoscope IntelliSight® is taking video detection to new heights by offering the most advanced detection algorithms with Artificial Intelligence (AI) and machine learning on the market today. The camera and processor provides high performance vehicle detection, bicycle and pedestrian detection, enhanced traffic data collection in real-time, and Smart City ready with connectivity to other systems.

Building on four decades of proven above ground video detection experience, Autoscope IntelliSight 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 IntelliSight is robust and reliable, and is based on a new hardware platform designed to enable future capabilities and solutions.

Autoscope is the foundation every city requires to attract new residents, grow a flourishing economy, and secure better living through better roadways.



Object detection and
motion tracking



Cost-effective solution
for traffic



Bicycle and pedestrian
detection



Enhanced data in real-
time



Autoscope IntelliSight



Processor

Power

- Power: 24 to 48 VDC to processor

Video

- Video input: HD stream
- HD streaming video output: H.264 720p (1280 x 720) video output

Communications

- 10/100/1000 Wan and Ethernet ports
- USB 2.0 and 3.0

Detector I/O

- 64 outputs, (open collector), selectable active (low or high hardware jumper)
- 16 inputs
- 1 status output to indicate card is processing and detector I/O valid

Environmental

- Temperature range: -34° to +74°C (-29° to 165°F)

Dimensions and Weight

H x W x L:

- 55 mm x 235 mm x 125 mm
- Weight: 2.95 kg (6.5 lbs)

Regulatory

- CE, UKCA, EN 50293

Warranty

- Five (5) years



Camera

Power

- Power: PoE to cameras via provided switch

Camera

- CMOS image sensor
- Minimum Illumination: 0.007 to 0.009 lx
- Resolution: HD 720p
- White balance: auto

Output

- HD stream

Lens

- Focal length: 2.9 - 9 mm
- Angular Field of View
- Horizontal: 37° (TELE) - 117° (WIDE)
- Vertical: 21° (TELE) - 62° (WIDE)

Housing

- Aluminum die cast and resin
- IP66
- ClearSight coating

Environmental

- Temperature range: -40° to +60°C (-40° to 140°F)
- 10 to 100% (no condensation)

Dimensions and Weight

H x W x L:

- 133 mm x 133 mm x 383 mm (5.25 in x 5.25 in x 15.09 in)
- Weight: 2.4 kg (5.3 lbs)

Regulatory

- CE, EN 55032 Class B, EN 55035, IK10, UKCA

Warranty

- Five (5) years