

Autoscope with Intuicom

Your Video Backhaul Solution



Introduction

Advances in digital video and broadband communications technologies continue to open doors to new applications for Intelligent Transportation Systems (ITS), including wireless video backhaul solutions. Whether for surveillance, vehicle detection, data collection, or traffic monitoring systems, digital video and broadband communications are increasing ITS performance, cost efficiencies, and access to strategic traffic information - helping transportation professionals improve safety, reduce vehicle emissions, and mitigate traffic congestion.

Offering a higher performance alternative to inductive loops, Autoscope video detection is an integral part of many agencies' Intelligent Transportation Systems (ITS). Yet the requirements for transmitting video typically exceed the bandwidth capabilities that legacy communications are capable of providing.

Leveraging Intuicom's complete family of Broadband Wireless Solutions, you can now incorporate wireless communications for video backhaul and remote video detection/surveillance, and upgrade existing (or expand the functionality of new) Autoscope deployments. Intuicom's Wireless Broadband Solutions provide you with the ability to wirelessly transmit video data from any intersection back to your Traffic Management Center for unrivaled visibility and control. This wireless video backhaul solution lets you integrate Centrac and Autoscope into a unified system through a secure, scalable wireless network.

Autoscope Detection with Intuicom Wireless Connectivity

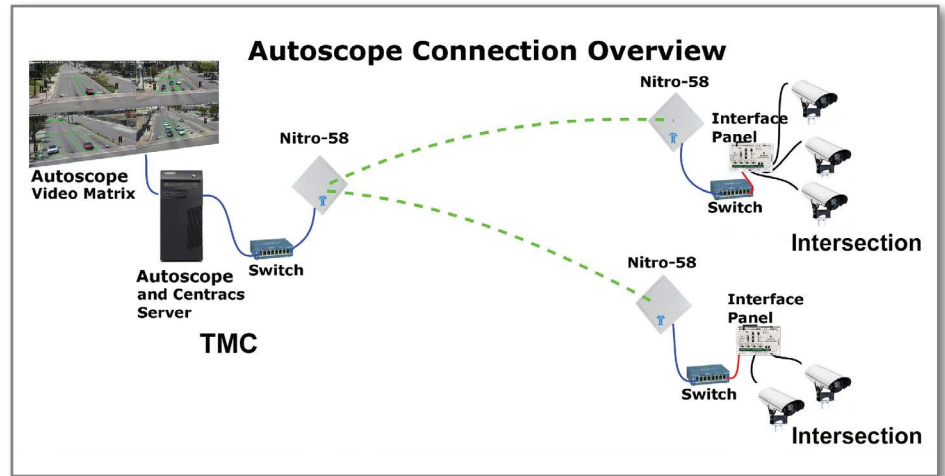
This wireless video solution provides enhanced access to essential data through real-time video delivered effectively and efficiently—directly to your Traffic Management Center.

Autoscope Vision Detection Sensors

- Vision requires a single IP for all 4 cameras
- Minimal bandwidth used when viewing in quad-view/4-cameras
- Detection zones can be programmed and re-programmed remotely
- Software updates can be made remotely
- Intersection surveillance

Intuicom Broadband Wireless Solutions

- Engineered for extended range and high throughput
- Optional GPS-enabled for easy mapping and positioning
- BroadbandPro Enterprise software supports drag-and-drop configuration and automated discovery
- Safe and secure wireless solution



Intuicom's Broadband Wireless Products At-a-Glance

Features	Nitro58 Performance Line	BBS Value Line
Throughput	<ul style="list-style-type: none"> • 108Mbps/300Mbps (Nitro58a) • 216Mbps/600Mbps (Nitro58n) 	<ul style="list-style-type: none"> • 54Mbps/108Mbps
Ethernet Link	10/100/1000Mbps	10/100Mbps
GPS Enabled	Embedded	NO
Audio Alignment	YES (Software-enabled)	YES (Software-enabled)
LED Allignment	YES (External Status Panel)	NO
PoE Standard	IEEE 802.3af/at	Passive PoE
Topology	<ul style="list-style-type: none"> • Point-to-Point • Point-to-Point Multipoint • Mesh Networking 	<ul style="list-style-type: none"> • Point-to-Point • Point-to-Point Multipoint • Mesh Networking
External Status Panel	<ul style="list-style-type: none"> • Receive Signal Strength Indicator (RSSI) • Power Indicator • Reset Button 	NO
Single Unit Operation	YES	YES
Surge Protection	YES (included)	Yes (included)

