



**RADARVISION**

## Compact Detection

The Radar Vision™ Compact system is a small form integrated radar detection system. Engineered to be simple to install. A single radar sensor for stop bar, dilemma zone and traffic counting.

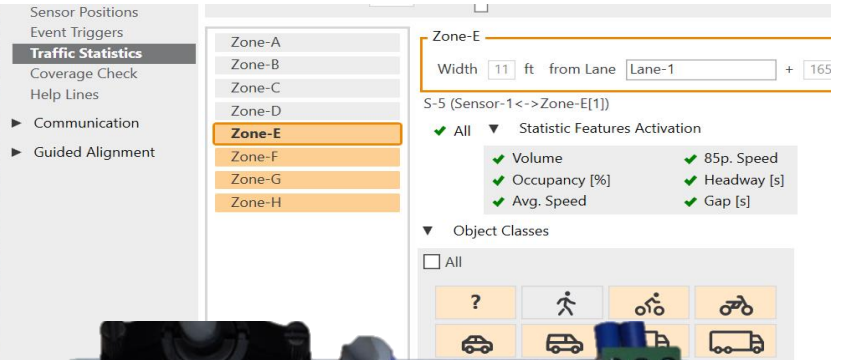
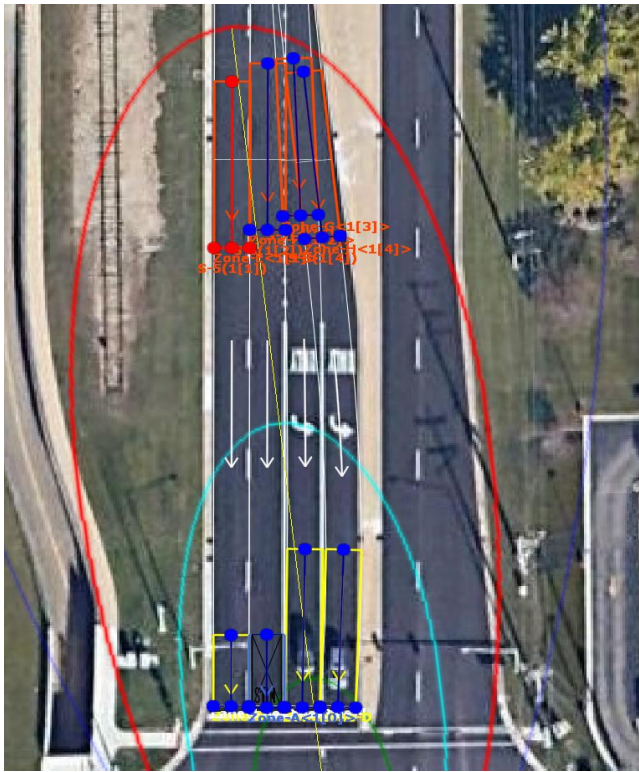
Simple and quick to configure TS2 and ATC interfaces that support up to 120 call channels.

### KEY FEATURES

- Next Generation Radar
- Stop Bar and Advance detection
- Dilemma Zone safety
- Less space in your cabinet
- ATC SIU and TS2 BIU compatible
- Quick simple installation - 3 wires
- Advanced Reporting

**ARTIFICIAL  
INTELLIGENCE  
REDEFINED**

[www.radarvision.ai](http://www.radarvision.ai)



## DETECTION

- ✓ Up to 600 ft range
- ✓ Up to 64 detect zones per sensor
- ✓ Detect bicycles & exclude pedestrians
- ✓ High-speed vehicle safety pre-emption
- ✓ Failsafe with patented interference sensing

## CABINET / DATA CAPABILITIES

- ✓ Only 3" x 5" space required
- ✓ LCD display with 5 way joystick navigation
- ✓ Web Interface for remote access and status
- ✓ OpenVPN integrated for remote direct connection
- ✓ Supports 120 ATC channels or 64 TS/2 channels
- ✓ Failsafe SDLC interface
- ✓ Dilemma zone detection
- ✓ Red light extension safety
- ✓ Traffic Speed, Volume, Occupancy, Headway & Gap reporting via NTCIP and CSV files

## INSTALLATION

- ✓ Simple software interface
- ✓ Small form factor for limited cabinet space
- ✓ Connect directly to Traffic Controller Port 1/C12S
- ✓ 3 wire Ethernet over 48 Volt
- ✓ Built in accelerometer to measure roll and tilt

## TECHNICAL SPECIFICATIONS

Characteristic	Min	Max	Units
Storage Temperature	-40	85	°C
Operating Temperature	-34	74	°C
Frequency	24.00	24.25	GHz
Power Supply	85	135	V
Power Consumption (radar)	3	6	W
Power Consumption (controller)	2.5	5	W
Detection lanes	1	6	

