



# Radar Vision



## Radar Camera

The Model S radar camera is a new generation ultra-compact 4D Ultra HD moving violation enforcement system. The Model S is based on many years of radar and enforcement R&D. The system can be used for in-vehicle, fixed speed and red-light safety operations.



### APPLICATIONS

- School Zone Enforcement
- Work Zone Trailer Enforcement
- Red light enforcement
- Speed and Safety surveys

### KEY FEATURES

- Very low power consumption
- Compact and fully integrated
- Built-in LTE download of offences
- Vehicle classification
- Illegal turn, crossing, stopping
- Radar sensor tracking 253 targets simultaneously in 4D UHD
- 4-8 lanes enforcement
- Integrated GPS & Accelerometer
- Wireless or wired flash
- Remote monitoring
- Heavy and Light vehicle speed limits

**ARTIFICIAL  
INTELLIGENCE  
REDEFINED**

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

# Flexible



ENGINEERING  
EXCELLENCE

## FEATURES/OPTIONS

### A Sensing / Detection

- 4D HD Tracking Radar
- Accelerometer + Gyro detect radar attitude
- 0.3 MPH speed verified accuracy

### Optical

- 20 Megapixel high speed camera \*
- 8 Megapixel video camera

### Processing

- 8 Core CPU
- Built-in Cryptographic engine
- Dual 32-bit Radar processor

### User Interface

- 5.6" LCD touch screen
- Multi-function on/off button with illumination feedback
- Remote control over WiFi & LTE

### Built-in Interface options

- Wifi
- Bluetooth
- GPS
- 915MHz Wireless Flash
- LTE

### Wired interfaces

- Gigabit Ethernet
- USB
- Red and Yellow signals
- CAN 2.0 Automotive

### Power Options

- Lithium Polymer Battery

### Storage

- 256 GB - 1 TB solid state storage

## TECHNICAL SPECIFICATIONS

Characteristic	Min	Max	Units
Operating temperature (extended available)	10	140	°F
Relative Humidity	30	90	%RH
Input Voltage	10	16	V
Weight		3.5	lbs
Speed	0	250	MPH
Simultaneous tracked vehicles	0	253	
Range	1	575	ft
Mounting height	3	30	ft
Camera resolution		5-48*	MPix

\* Up to 48M pixel available for fixed operations

