

16-beam stop bar sensor

The SmartSensor Matrix is a radar-based stop-bar presence detector designed specifically for signalized intersections. By leveraging the proven reliability of radar technology, it enhances safety and streamlines traffic management, ensuring accurate vehicle detection and improved intersection performance.



- Matrix of 16 radars for two-dimensional coverage
- Tracks vehicles through a 90-degree field of view that extends out 140 ft. (42.7 m)
- Includes Radar Vision technology to detect and track in two dimensions
- Reports real-time presence of both moving and stopped vehicles
- Standard detector-rack contact-closure interface
- Easy to install and operate
- Supports curved and angled lanes
- Compatible with Arc cabinet interface devices
- Automated manufacturing process
- Patented auto-configuration process
- Patented Digital Wave Radar II technology
- Remote accessible for traffic monitoring and sensor management
- Flash upgradable
- Robust to changing temperature, light, and weather conditions

