

Forward-fire, extended-range intersection advance sensor

SmartSensor Advance Extended Range is the first traffic device to use advance detection to provide enhanced dilemma zone protection for trucks and other high profile vehicles. The sensor boosts detection of these vehicles out to 900 ft., and protects both cars and trucks with innovative SafeArrival technology.



- Advance detection at signalized intersections
- Patented Digital Wave Radar
- Patented SafeArrival technology provides protection to individual cars and trucks
- Dynamic ETA Tracking over the entire detection area
- Easy integration with the SmartSensor Matrix into the same Arc cabinet interface device
- Non-intrusive, aboveground position makes sensor easy to install
- Dilemma zone protection for high-profile vehicles based on vehicle discovery range
- Advanced techniques boost truck detections out to 900 ft. and car detections out to 600 ft. or more
- The additional 300-ft. range (compared to SmartSensor Advance) makes overhead/straightforward mast arm installation more effective on high-speed approaches
- Benefits include reduced risk of hazardous load spills; reduced truck crash and fatalities rates; reduced emissions; fewer truck start-up delays; and improved corridor delivery times

