

## Forward-fire long-distance intersection 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 feet, and protects both cars and trucks with innovative SafeArrival technology.



- Dilemma zone protection for high-profile vehicles based on vehicle discovery range
- Advanced techniques boost truck detections out to 900 feet; car detections are boosted out to 600 feet or more
- Patented SafeArrival technology provides protection to individual cars and trucks
- Dynamic ETA Tracking over the entire detection area
- Non-intrusive, above ground position makes the sensor easy to install
- The additional 300-foot range (compared to SmartSensor Advance) makes overhead/straightforward mast arm installation more effective on high-speed approaches
- Easily integrates with SmartSensor Matrix at intersections
- 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

