

Road Traffic Management Systems



Application Requirements:

Road safety has always been a major concern for governments worldwide. When vehicle accidents occur, law enforcement departments can make use of video records to retrace the incident. A road traffic management system with live video monitoring and recording capabilities can help law enforcers view current traffic status and review footages for identifying events that occurred during a traffic incident. In addition, integration with intelligent video analytics software can enable applications such as vehicle counting, average speed detection, stationary vehicle detection, and wrong way detection. With this information, traffic flow throughout the day can be calculated and traffic violations can be identified immediately, enhancing road safety.

Benefits:

- Rugged and wide operating temperature design suitable for harsh outdoor environment locations such as at traffic light intersections.
- PoE ports that support mainstream IP cameras can capture traffic footage which is used to monitor traffic flow and identify traffic violations.

Application Diagram:



Product Offerings:



ARK-2121S
Rugged HD NVR with 4 PoE Ports up to 8ch video recording, Intel Atom E3845 QC SOC.



ARK-2151S
Rugged Full HD NVR with 4 PoE Ports up to 16ch video recording, Intel Core i5-4300U DC.