
PTZ Traffic Monitoring and Plate Recognition for Highway Surveillance

A new surveillance system was composed of HD PTZ cameras for panoramic monitoring and IR cameras for plate recognition, both of which cameras were powered by PoE switches.



Safety is priceless, but challenging for busy commuter highways. A regional traffic management center (TMC) planned to deploy a surveillance system for vehicle detection and speed measurement. The environment would face a wide variety of environmental conditions, and cameras would have to monitor traffic day and night, and in rain, snow, or shine. The surveillance system would be composed of HD PTZ cameras for panoramic monitoring and IR cameras for plate recognition, both of which needed to be powered by high-power PoE switches to simplify system deployment and future maintenance.