



Detection Systems



MOTION SENSOR

This state-of-the-art detection system utilizes doppler radar technology to detect approaching vehicles with ultra-low power consumption at long ranges. Simply plug and play for a quick and reliable actuation solution that can detect vehicles at up to 300 feet.

Detection Type	Motion
Setup & Configuration	Plug and play
Weight	0.6 lb. (0.27 kg)
Detectable Speeds	1-206 mph (1-330 km/h)
Weatherproof Rating	IP68



VIDEO DETECTION

The video detection system is optimized for intersection and work zone vehicle presence detection, and can be configured with multiple directional detection zones.

The non-intrusive installation and configuration is accomplished quickly and efficiently via a simple monitor and mouse system.

Detection Type	Presence
Setup & Configuration	Up to 6 custom detection zones
Weight	4.25 lb. (2 kg)
Lens	Auto focus w/ internal heater
Weatherproof Rating	IP67



SIGNAL PRE-EMPTION

Allows emergency vehicles to have faster response times in time-critical situations when navigating through a work zone.

The system provides the earliest safe green indication in the direction of an approaching emergency vehicle, and holds all other signals RED until the emergency vehicle has cleared.

Detection Type	Emergency optical strobe
Setup & Configuration	Plug and play
Height	96 in. (244 cm)
Signal acquisition time	1.5 sec.
Confirmation	Flashing indicator