



Smart Community Solutions

Driver Alert Sensing

Enhancing street safety by alerting drivers to special traffic situations

Landis+Gyr's Smart Community Solutions Driver Alert Sensing enables our customers to provide a visual signal to alert traffic to the proximity of special traffic situations requiring extra attention. Field Illumination Communicator Sensors (FICs) positioned atop street lights can be triggered to flash to alert drivers that:

An emergency vehicle is approaching. A flashing red light warns vehicles approaching intersections or distracted drivers that an emergency vehicle is approaching. This enhances the likelihood that the driver will pull over appropriately, allowing the emergency vehicle to pass safely and without delay.

School children are present in the area. The FIC is set to flash yellow to coincide with the times when children are present around schools, enhancing driver caution when passing school zones.

You are going the wrong way. Radar sensing detects vehicles traveling the wrong way on one-way streets and on/off ramps, and the FIC flashes red to alert the driver, who can then correct the error, reducing the likelihood of a collision.

Enhanced Safety Features

- Alerted drivers respond quickly, reducing traffic delays and potential accidents
- Safety is enhanced for emergency vehicles, children in school zones, and traffic on one-way streets and access ramps
- Valuable time may be gained in getting responders to the scene of an emergency

Improved Operational and Energy Efficiencies

- Triggered to flash from RF transponders placed inside emergency vehicles, in schools, or on street lights; radio communicates to sensors on surrounding streetlights
- Children-in-school-zone alerts can be scheduled to flash during specific times of the day when children are typically present in the area of the school

Components

- Landis+Gyr street light controller with integrated Network Node
- Command Center 7.1 MR3 or later
- Smart Community Center Software