



GLANCE

Flood Warning & Detection System

Powered by



Know When Floods Happen

The Glance Flood Warning and Detection System offers a real-time flood detection and alert solution. Using accurate real-time ultrasonic level sensors, the system autonomously warns motorists.

PROACTIVE ALERTS KEEP MOTORISTS SAFE

Flooding in low-lying areas and city centers can be a major hazard to motorists. Flash floods can occur rapidly, and detecting rising floodwater in real-time can be challenging.

- Flasher beacons and Dynamic Message Signs display warnings to motorists before they enter flooded areas
- The system can automatically activate the alerts, or you can manually control them with a smartphone
- Over-the-air software updates make it easy to download new features and flash patterns
- The remote monitoring system sends a text or email as soon as a problem with the system is detected



Atek Ultrasonic Sensor



AI-500-052 RNU



TKH BL950 Bullet Camera



CUSTOMIZABLE ALERTS

Alerts can be customized to trigger at two user-defined levels so that alerts, video, beacons, and more can be completely customized to individual needs. Alerts provided over text and email can trigger user-defined options. The system operates with an ultrasonic level sensor and bullet camera.





The smart way to protect motorists and be more efficient with automated, real-time flood alerts.

EFFICIENCY + INNOVATION

Glance Flood Warning and Detection System hardware automatically connects to the TravelSafely™ app and gives pedestrians and motorists using the app an extra level of safety by providing audible warnings about flooded areas.



ACTIVE SAFETY

With warnings from beacon flashers, DMS signs, and a smartphone app, both citizens and city managers are well-informed about flooded areas.



EASY TO CONNECT

The Glance Flood Warning and Detection system connects to the cloud using built-in cellular communication and integrates seamlessly with Glance for easy control and maintenance.



HIGHLY CUSTOMIZABLE

The system provided works with DC, AC, solar, and cellular – making it suitable for every environment, including rivers, levees, and low-lying areas.



SNAPSHOT VERIFICATION

Using cameras and Glance Video, visual verification is provided to confirm that flooding has occurred with snapshots and live video feeds, removing the need for an on-site visit.



SECONDARY MONITORING

Remote monitoring of equipment health and status, power levels, and cellular connectivity.



HOW IT WORKS



1. AI-500-050 Field Monitoring Unit
2. Glance Cloud Software
3. CCTV Camera
4. Water Depth Sensor
5. Warning Signals

Applied Information is the industry-leading developer of Smart Cities, Connected Vehicle (C-V2X), and Intelligent Transportation System (ITS) solutions for the surface transportation sector. Applied Information's Glance Smart City Supervisory platform enables cities to manage all their traffic and ITS assets on one web-based application. Applied Information's core values are to develop products that save lives, improve traffic, drive commerce, and help the environment.

