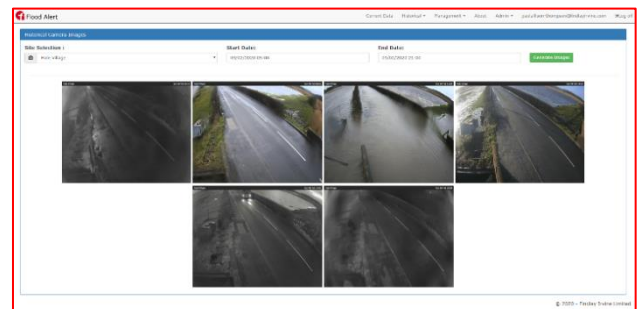
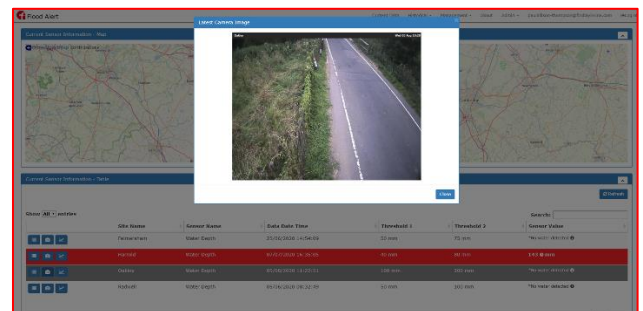
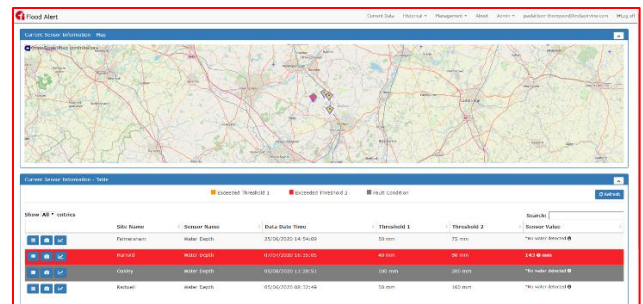


FloodAlert



Web Based Management

Findlay Irvine provides a FloodAlert website that allows Engineers to view the data being collected by the sensors. Multiple sites can be managed through the system using a map based display to easily check site status. Data is stored, managed and viewed from the same portal which offers a complete flood management system.



Features & Benefits

- Radar water level sensor
- Transmits data to FloodAlert Website
- Can be configured to activate signs
- Alerts managers via SMS or E-mail
- Easy to maintain & calibrate
- IP Cameras
- Solar powered
- 3G Communications
- Manage data online

Application

The FloodAlert system is a flood management solution for roads or areas prone to flooding. The sensor is installed at the low point of the site and actively monitors water levels as they rise.

The system can be configured to activate VMS signs to warn drivers, initiate pre-planned diversion routes or close the road. It can also send SMS or E-mails to key stakeholders to warn them of the rising waters and site status. With added IP Cameras, road managers can monitor flood events and manage responses from any internet enabled device.

Radar water level sensor

FloodAlert utilises a robust radar-based water level sensor which will record and report water levels as soon as they are present on the road.



Communications

Modems using GPRS comms will send data every 5 minutes to the www.floodmonitoring.co.uk website.

Installation

Findlay Irvine engineers will arrange a site visit to discuss the best location for the equipment to be installed. Typically the solar-powered kit comprising of water pressure sensor, camera, electronics enclosure, solar panel and battery is then installed on a single post, minimising the street furniture required.

Technical Specification

FloodAlert

Power requirements:	Solar powered system
Mount:	All electronics in IP rated sealed, pole mounted casings
Communications:	GPRS
Programmable:	Software is remotely upgradeable
Data Archive:	Historical data available online (cloud backup)
Test Port:	Local configuration & diagnosis
Pressure Switch:	Shows water rising and exact depth of water
IP Cameras:	Single high quality IP Camera



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