

LV660

ALIN System (Flood alert)



Description

Given the growing demand from municipalities and authorities to monitor the levels of rivers, streams and canals, with the need to alert the local population and prepare for the eventual closure of roads due to a flooding danger, SIM STRUMENTI designed the ALIN system (Flood Alert).

The system consists mainly of an ultrasonic level sensor mod.LV630 connected to a data acquisition system capable of storing data and managing alarm thresholds. Two data acquisition units can be used: MYLOG, if only 1 alarm threshold is required or MINILOG in case more levels of alarm are required.

The alarms can be local (traffic light, siren, closing bar, etc.) and / or sent via GSM modem with SMS messages. Traffic lights or sirens can be activated via cable, GSM modem or radio.

The system is equipped with a battery and can be additionally powered by electric power supply or, upon request, with a photovoltaic panel.

The system is supplied with the VEDO management software that can be used both on site as well as remotely.

Applications

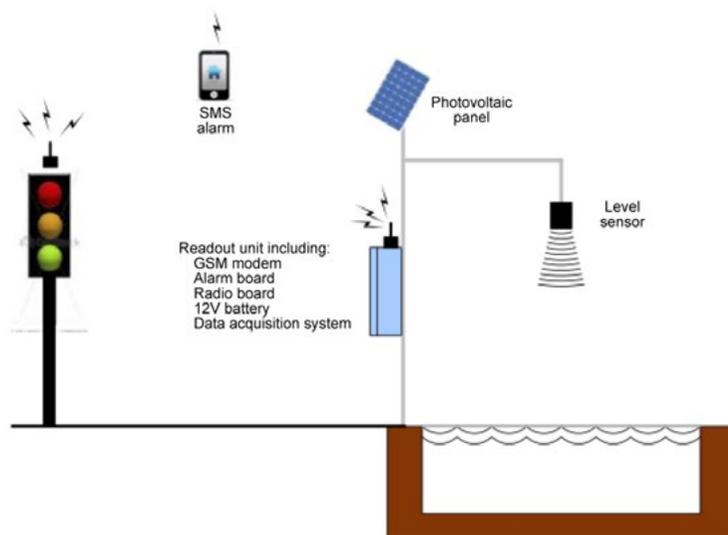
Measurement of water levels in wells torrents, basins, rivers, channels etc.



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Remote management



Technical features

Model	LV 660-LY-FS*	LV 660-ML
Max range (mt)**		0.1 ÷ 15.2 mt
Supply		10-30 Vcc
Data acquisition system***	MYLOG	MINILOG ML-4CH
Alarm levels	1	Max 4
Scanning rate	Programmable from 1min to 24h	Programmable from 10sec to 24h
Reading rate	Programmable from 1min to 24h	Programmable from 10sec to 24h
Consumption		120 mA max
GSM modem		MDS-BSE

Accessories

Photovoltaic panel	LV660-AX-PF
LV630 bracket	LV660-AX-ST
MINILOG data acquisition system	LV660-AX-ML
MYLOG data acquisition system	LV660-AX-LY
Alarm board (with TEST and RESET buttons)	LV660-AX-AL
GSM modem mod. MDS-MDV	FL555-AL
Radio board	LV660-AX-RD
Traffic light	LV660-AX-SF
Siren	LV660-AX-SR

- *FS Indicate the range:
01 for max 4.3 mt / **02** for max 9.1 mt / **03** for max 15.2 mt
- ** For additional information on the technical features, refer to the ultrasound level meter LV630 technical data sheet.
- *** For additional information on the technical features, refer to the data acquisition systems technical data sheets.