

FLOODLINE Hybrid Leak Detection System

FLOODLINE HLD builds on the success of the award-winning FLOODLINE System and comes packed with updated technology and enhanced installer and end-user functionality. **FLOODLINE HLD** is a truly multi-functional and customisable water, oil and multi-gas leak detection panel.

FLOODLINE HLD reports status on up to 128 traditional FLOODLINE zones and in addition reports status and sensor values from the FLOODLINE Distance Measurement Ranger modules, temperature and humidity modules via a MODBUS communications network of up to 224 devices, giving a total zone capacity of 352 zones. All alarm information and control is via a large 8" touch screen display.

Function

Water/liquid, oil and multi-gas leak detection, temperature and humidity monitoring panel. The system can also be configured to accept a volt-free contact input for connection to third-party sensors.

Zone Capacity

- 352 total zone capacity:
- 4 to 128 traditional zones in 32-zone modules
 - Up to 224 MODBUS enabled zones

Panel Size	Traditional Zones	Modbus Enabled Zones
4	4	8
8	8	16
12	12	24
16	16	32
32	32	64
64	64	128
96	96	192
128	128	224

Event Description and Locator

All detectors can be given individual descriptions for ease of recognition. For instance "Zone 4 refrigerant gas detector, board room level 2" so that if an event occurs it will specifically state where and what the problem is. In addition a zone locator map can be embedded, so having received a message describing the type and location of leak, by simply touching on that event log the screen will then bring up a map indicating that zone location.

Zone Sensitivity

Each traditional zone input sensitivity can be configured individually. The temperature and humidity sensor can be configured for four separate alarm levels. (High and low temperature and Humidity thresholds)

Communications

- MODBUS over RS485 and TCP/IP
- Alarm alerts via email
- Alarm alerts via GSM Text message
- Ethernet connection
- Relay Outputs:
 1. Complete Power Failure (SPCO 230VAC – 30VDC; 5AMP)
 2. Mains Failure (SPCO 230VAC – 30VDC; 5AMP)
 3. System Failure (SPCO 230VAC – 30VDC; 5AMP)
 4. Zone Fault (open/short circuit) (SPCO 230VAC – 30VDC; 5AMP)
 5. Leak Detected (SPCO 230VAC – 30VDC; 5AMP)

Data Logging

There are two types of data logged by the system:

- Events Log – last 500 alarm/system events with date and time
- Traditional zone data logging – each zone's input levels are recorded every 5 minutes over 7 days on a FIFO basis.

Power

85 – 264 VAC – 50/60HZ – 100W MAX.

Construction

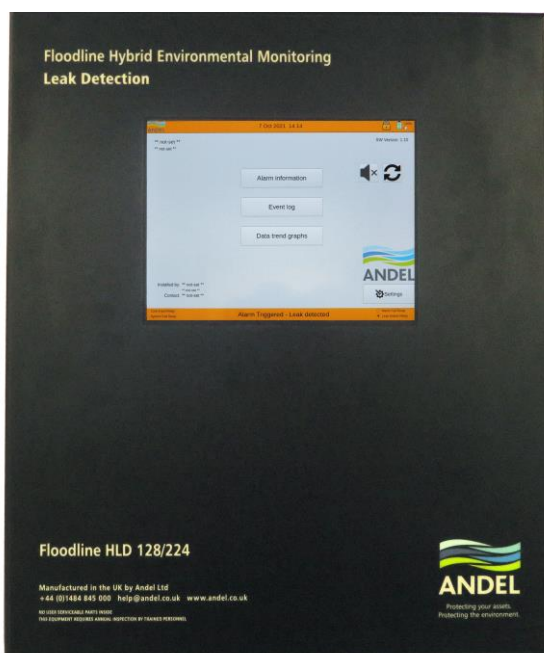
Powder coated steel enclosure, colour RAL 704, Fine Textured.

Dimensions

Width 335mm
Height 400mm
Depth 115mm

Fixing

Wall mounted



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