



HAWKEYE LITE

IETG 

ATEX Certified Low-Cost Level Monitor

The HAWKEYE LITE Low-Cost level monitor is a radar-based, easy fit, level sensor designed to be a versatile multi-application solution.

This rugged and compact monitor featuring long term battery life and simple communications has typical uses such as level monitoring in water and wastewater applications.

This unique solution provides full diagnostics with each reading, meaning data can be verified in real-time. This ensures the user has full confidence in the data at all



Key Features and Benefits

ATEX Certified: Certified for use in Zone 2 hazardous areas.

Radar Accuracy: Radar 0.2 to 5 meters, sub 3mm absolute precision, 1mm relative precision.

Long Term: 5+ year battery lifetime (depending on configuration).

Configurable: Dial-ins, data collection and thresholds (alarms) configurable.

External Antennas: In Chamber, external, mini-wing, button.

Simple Data: Near real time via portal, data feeds of APIs.

Fewer Interventions: Advanced Over the Air settings and diagnostics.

Applications

HAWKEYE LITE is suitable for use in a variety of level monitoring applications and is ideal for use in remote monitoring and wastewater sites.

This innovative radar-integrated monitor uses the latest low power cellular NB-IOT/CAT-M1 with 2G fallback configurable record and transmit.

The integrated 76Ah battery provides power for 5+ years in typical use, but allows a user to budget power to suit their needs.

The unit is supplied with an external antenna connector for easy communications.

Quality data, collected safely and without compromise

www.ietg.co.uk

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Category

Details

Sensors

RADAR Accelerator,
MEMS +Wake Thermocouple
0.5°C accuracy
BLE Controller

Power

5+ year lifetime
OTA power plans
End of life monitoring
30uA sleep consumption

Battery

Hi grade Li-SoCl2 battery
Field replaceable

Environmental

IP68 Encapsulation
-20°C to + 70°C
ATEX Zone 2

Connectivity

NB-IoT
CAT-M1
2G and GPRS
Lower power Wi-Fi
Readings & Transmissions
available at 5-minute intervals

Security

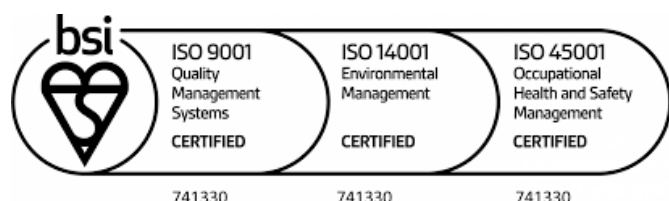
AES2565 encrypted bootloader
Digital signing of verified code
TLS1.2 End to End encryption

Other

FOTA Updates with delta
RFID ID tag included
Ultra-low power micro
Large internal memory
Multi-protocol expansion port



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