

Metrolog 420MET

Cost effective data logging solution for local monitoring and analysis of level within water distribution networks, reservoirs, storage tanks, rivers and streams.

Ideal for temporary and permanent monitoring of third party sensors supporting a 4-20mA output. Sensors can be flash powered via the internal battery. Features a configurable, integral LCD display for quick access to logged values. Commissioning and downloading is easily undertaken on site via a PC or handheld device.

Key Features

- Complimented by Technolog's software for graphical presentation of level data
- 2 line light-activated backlit LCD, configurable to show last sampled input, as well a logged max and min values for previous days of recording
- A modem may be added enabling remote access via the public switched telephone network
- Internally powered and housed in a robust, fully waterproof enclosure (IP68)
- Battery life > 5 years





Technical Specifications

Measurement	Accuracy: Dependent upon accuracy of depth transmitter Resolution: Better than 0.02% F.S. Logger Accuracy: Better than $\pm 0.1\%$ F.S.
Memory	Size: 128 k - maximum 64k per channel – 143 days depth data recorded at 15 minute intervals – 71 days combined depth and flow data recorded at 15 minute interval Type: Solid state, non-volatile
Supply	Life: Typical battery life > 5 years at a sampling rate of 3 minutes – Internally powered by lithium cell - factory replaceable – Generates flash powered 11 volt supply for transmitters and 4-20mA loop signals
Recording	Interval: Logging rate programmable from 2 seconds to 1 hour Data storage: Rotating store or store until full
Environmental	Operating ambient temperature: -10°C to +50°C Ingress protection classification: IP68
Connectors	– 10 way input, 4 way communication serial port, conforming to MIL-C_26482
Mechanical	Dimensions (mm): 165 (l) x 90 (w) x 67 (d) Weight: 0.600 kg

