

Monitor Your Water Usage

Helping you meet **consent** requirements



Solutions

- ✓ FlowLogger
- ✓ Web display
- ✓ Telemetry



The screenshot shows a web interface for monitoring water usage. On the left is a 'menu' with a tree view of projects and reports. The main area contains two graphs. The first graph, titled 'Rate of flow alarm (65 l/s)', shows a current rate of 36 L/s. The second graph, also titled 'Rate of flow alarm (65 l/s)', shows a historical flow rate over time from October 24 to November 4, 2007. The y-axis is 'Rate L/s' (0-70) and the x-axis is 'Date'. The flow rate fluctuates, peaking around 38 L/s on November 1st.

Web display customised to each consent requirement - Provides access to consent holders and Regional Council alike. It is able to deal with complex consent requirements including those that incorporate total "group takes" among multiple consent holders. Alarms are able to be set up to alert both regulators and consent holders. The server will also be able to accept data from standard version loggers so it is available in exactly the same format as telemetry capable loggers. Displaying a lot more than simply raw data.

Telemetry capable loggers delivered "on-line" - Scottech carries out all setup for the device, with no further involvement required by the Regional Council or consent holder to configure complex systems.

Large user-friendly display - The LCD and menu options on the device allow the consent holder to easily check current values and verify that the unit is working correctly. There are no complex menu hierarchies to negotiate.

Rugged and durable design - With new O-ring sealing and waterproof connectors for aerial, meter and power inputs the unit is weatherproof and water tight, sealed to IP67*.

Meets all of the requirements for the proposed National Standard for Water Measuring Devices

Supplied By

Scottech
www.scottech.net



FlowLogger Specifications

Telemetry Version

SENSOR INPUT OPTIONS

Open collector	0-28V, 0.5Hz
Contact closure	0.5Hz
Input impedance	1M Ω Min

OUTPUT

Opto-coupled Open collector	60V at 100mA, 16 Ω RMax on
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LOGGING FEATURES

Memory	4Mbit, non-volatile, ring memory (oldest data overwritten when full)
Event logger	>260,000 events
Display	80 segment, 7 digit + icons Static LCD Viewing area 53mm x 15mm Operating temp -10°C to 60°C
Clock	On board 24hr real time clock Synchronised to Web server NIST synced clock

PHYSICAL FEATURES

Dimensions	115W x 90H x 32D
Construction	Injection moulded PC/ABS blend IP68 rated connectors
Weight	248gm
Operating temperature range	-10°C to 60°C
Ingress protection	<i>*Formal confirmation of IP67 rating pending</i>
Power	Internal 2 x 3.6V Lithium cells External 6-28V source required for telemetry
Mounting	Single screw through metal tab

COMMUNICATIONS

Serial	IRDA RS232 via infra-red port
Wireless	Under development
GPRS (Vodafone)	GPRS IP connection to Scottech web server
CDMA (Telecom)	CDMA IP connection to Scottech web server



Installation by an Approved Registered Installer may be required for Consent Holders to meet consent requirements