

Textlog Flow

REMOTE TELEMETRY DATA LOGGER



Highlights

- › 2 channel pulse input
- › Pulse interval timing
- › Anti-tamper feature
- › Long battery life
- › Flexible logging & transmission
- › Separate "nightline" window
- › GPRS or SMS
- › Remotely configurable
- › Multiple alarm settings
- › SmartChart Web or PC data viewing
- › IP68

Applications

- › Leak detection
- › Consumption monitoring
- › District & Zone monitoring
- › Network modelling and analysis

SMS/GPRS Flow Monitoring
Compact, waterproof and simple to use

Textlog Flow

EFFICIENT, RELIABLE DATA LOGGER



Textlog is Ashridge's range of portable, remote telemetry data loggers, which automatically transmit data and alarms by SMS or GPRS. Compact in size, Textlog is lightweight and quick and easy to install; making it the ideal logger for a wide variety of applications from domestic to highly industrial uses.

Textlog Flow is a single or dual channel model for monitoring, capturing and transmitting water pipeline flow data. With flexible logging from 1 second to 24 hours, frequent data transmission and pulse interval timing options, the logger provides comprehensive and specific data for monitoring and analysis.

Textlog Flow also features a long battery life, an anti tamper option and a separate windowed schedule - ideal for nightline leakage analysis and detection. Textlog's versatile alarms can be directed to a mobile phone as well as a host PC to allow engineers immediate access to alarm information.

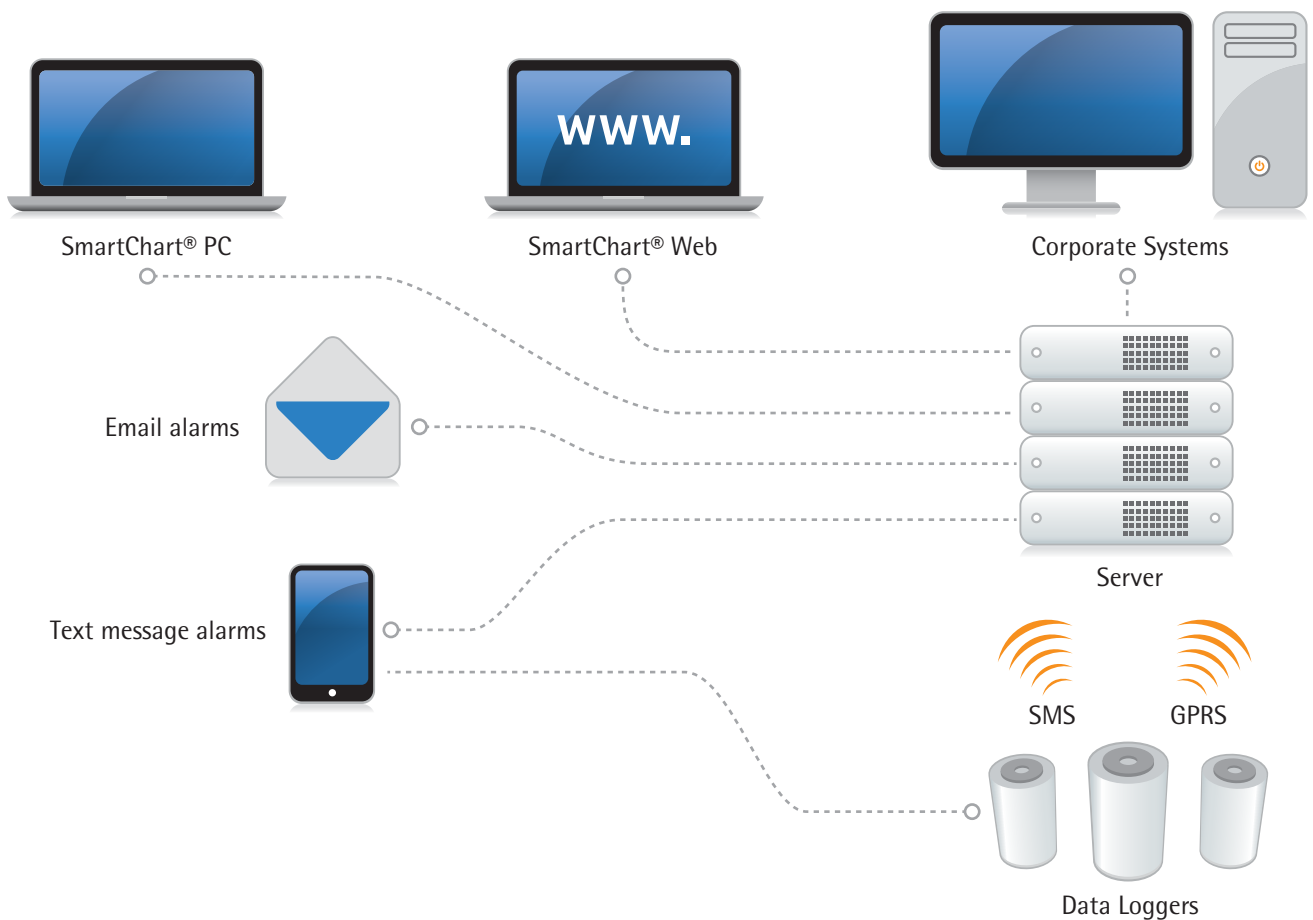
Flow data and alarms can be transmitted directly to a host PC and viewed using Ashridge's SmartChart PC graphical viewing software. Alternatively, data can be viewed using SmartChart Web: Ashridge's hosted graphical viewing platform, allowing fast access to data from any location.

FEATURES AND BENEFITS

	Feature / function	Benefits
Power	Up to 10 years	Long battery life, based on usage. Additional external battery pack available
Memory	Large memory	4MB 80,000 readings in cyclic
Graphical viewing	Easy to view data	Using SmartChart [®] Web or SmartChart [®] PC software (provided with logger)
Logging	From 1 second	Providing flexibility and custom solutions
Data Transmission	From 15 minutes	Providing fast, reliable data
Environmental	IP68 Portable	Waterproof and submersible Textlog can be reused across your network
Data	SMS/GPRS	Option to supply own SIM card. Roaming SIM option also available
Analysis	Fastline function Nightline window Listen windows Remotely configurable	Providing historical data to enable further analysis Providing an additional schedule for higher frequency logging and leak detection Allowing reconfiguration outside of "normal" transmit schedule Allowing settings and firmware to be updated remotely, removing the need to visit site

Textlog Flow

REMOTE TELEMETRY DATA LOGGER



SmartChart® PC

SmartChart® is Ashridge Engineering's intuitive and simple to use graphical software solution which provides data viewing and printing of up to 10 data series and is compatible with all Ashridge data loggers.

An upgrade to SmartChart® Pro is available, providing increased capabilities such as report generation, trend lines, merging of graphs to allow easy analysis of multiple loggers/sites on a common axis.

SmartChart® Web Option

SmartChart® Web is Ashridge Engineering's hosted data service, providing a platform for viewing and analysing data with all Ashridge data logging products.

SmartChart® Web features a comprehensive suite of options, and enables fast and reliable data to numerous users without geographical and other complex infrastructure restrictions.

Textlog Flow

TECHNICAL SPECIFICATION

Textlog Flow	
Battery Life	Lithium battery up to 10 years
Memory	Non volatile memory. 4 MB (8 or 16 by request) 80,000 readings in cyclic log
Internal Pressure input	N/A (See Textlog Pressure or Textlog Multi data sheet)
Input connections	4 way souriau socket
Digital input	Up to 2 pulse and 1 state
GSM Modem	Quad Band
Data Transmission	SMS/GPRS to server, SmartChart® Web hosted, Ashridge hosted or manual download
Serial Port	RS232 to infra-red port/USB to infra-red port 57600 Baud
Alarm Dial Out	Multiple High / Low
Clock	On board 24 hour real time clock with date facility
Configuration	Remotely configurable. Flexible logging and transmission settings
Logging interval	1 second to 24 hours
Serial Inputs	N/A (See Textlog AMR data sheet)
Upgrades	Remotely upgradable firmware
Analogue inputs	N/A (See Textlog Analogue or Multi datasheets)
Environmental	-20 to 70°C IP68
Dimensions	140 x 63 diameter / 140 x 90 diameter
Weight	0.4kg / 0.8kg
Materials	Non metal
Locking mechanism	Screw cap seal
Software	Textlog PC config, SmartChart® or SmartChart® Web graphical viewing
Options	External supply input External antenna

OPTIONS / ORDERING CODES: TEXTLOG FLOW																		
Configuration Block	A	B	C	D	E	F	G											
	TL	X	-	F	-	X	-	1	8	8	-	0	X	0	-	X	-	X
Textlog I 63mm Dia - 1 Battery	1																	
Textlog II 90mm Dia - 2 Battery	2																	
Textlog Flow				F														
No Modem								L										
Modem - Internal Antenna								M										
Modem - External Antenna								E										
Pulse								1										
Tamper Detection								8										
Pulse								8										
N/A												0						
N/A													X					
N/A														0				
N/A																	X	
None																		
External Supply Input*																		X

*Textlog II must be chosen when external supply input is chosen

Example:

Textlog 1 - GSM - 2 Pulse and 1 State
TL1-F-M-188-0X0-X-X

Textlog 1 - Local download - 2 Pulse and 1 State
TL1-F-L-188-0X0-X-X

TEXTLOG DATA LOGGER RANGE

Textlog Pressure
1 or 2 pressure inputs

Textlog Flow
single or dual channel

Textlog Multi
1 or 2 pressure, up to 2 analogue inputs

Textlog AMR
1 serial input or up to 2 pulse

Textlog Analogue
up to 2 analogue inputs

Please refer to the Textlog selection guide on our website for more information on the whole range of Ashridge data loggers at www.ash-eng.co.uk/products

AGENT



BS EN 61000-6-3
BS EN 61000-6-1

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Subject to change without notification

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