

Textlog Analogue

REMOTE TELEMETRY DATA LOGGER



Highlights

- › 2 channel analogue
- › 0-5V, 4-20mA
- › Long battery life
- › IP68
- › Flexible logging & transmission
- › Remotely configurable
- › Multiple alarm settings
- › SmartChart Web or PC data viewing

Applications

- › Pressure or level
- › Analogue Flow
- › Dissolved oxygen
- › Chlorine concentration
- › Alkaline/Acidity (Ph)
- › Other process variables

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

Textlog Analogue

EFFICIENT, RELIABLE DATA LOGGER



Textlog is Ashridge's range of portable, battery powered, remote telemetry loggers, offering a comprehensive data logging solution. The loggers are waterproof, compact, lightweight and easy to install. With a highly variable suite of features, Textlog is the ideal solution for a wide variety of applications, from domestic through to highly industrial.

Textlog Analogue is a single or dual channel analogue logger, which monitors and captures data for a variety of current or voltage output sensors, including Ashridge's 9000 range of level and pressure transmitters. Textlog Analogue's flexible schedule allows logging down to 1 second and frequent SMS or GPRS transmission.

Textlog has a large memory and long battery life and also features an optional external battery pack suitable during highly intensive logging and transmission regimes.

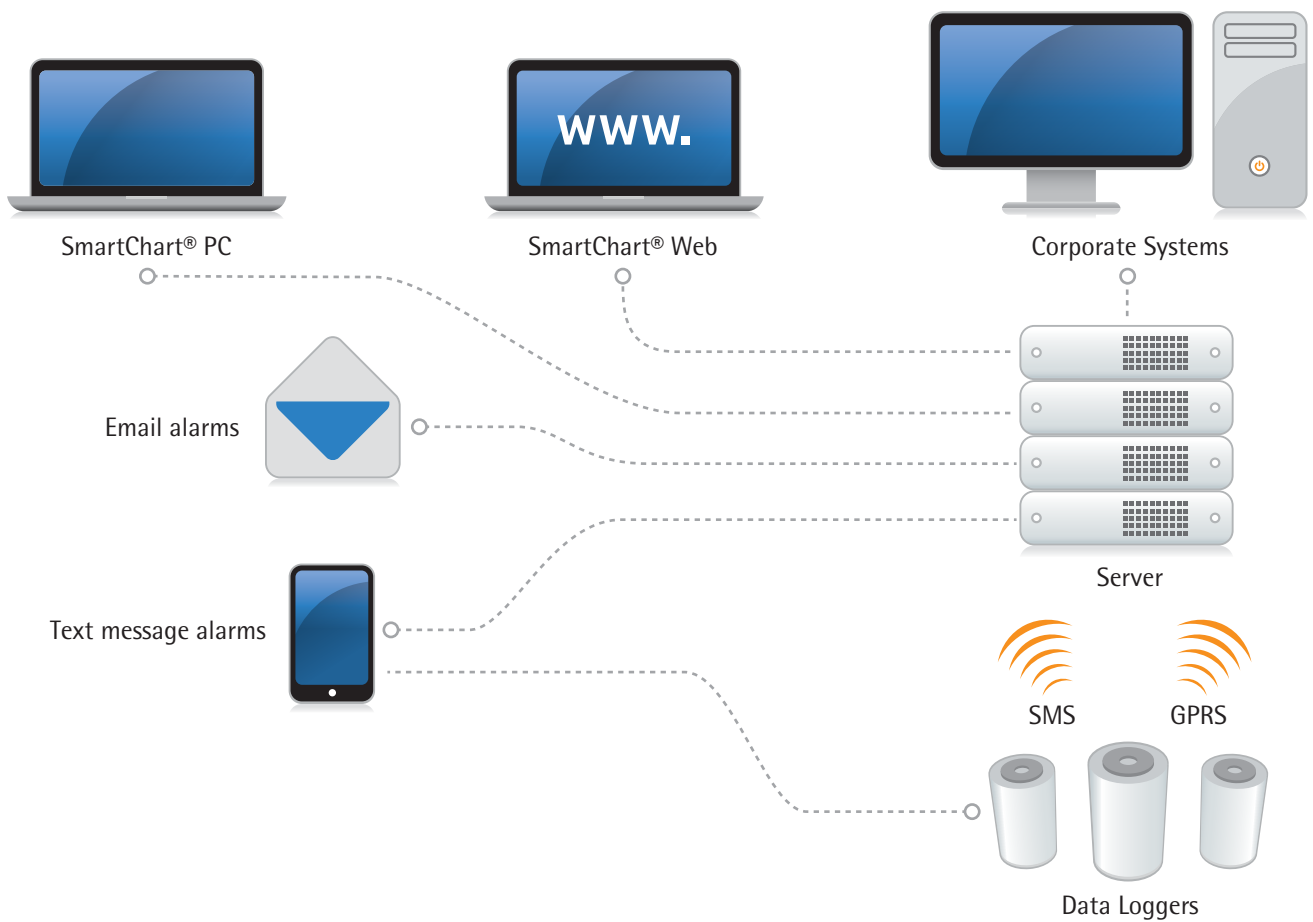
All loggers feature a wide selection of user defined alarms, as well as a "fastline" mode, which will initiate a series of high speed readings during alarm conditions. All data and alarms can be transmitted to a host PC or SCADA system or viewed via SmartChart Web - Ashridge's graphical viewing software.

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 Analogue

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 Analogue TECHNICAL SPECIFICATION

Textlog Analogue	
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	N/A (See Textlog Flow)
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	up to 2 Current (4-20mA) or Voltage (0-5V)
External Transducer Supply	5V @ 150mA 8V @ 100mA 10V @ 75mA 12V @ 50mA
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 ANALOGUE																		
Configuration Block	A	B	C	D	E	F	G											
	TL	X	-	A	-	X	-	2	X	X	-	0	X	0	-	X	-	X
Textlog I 63mm Dia - 1 Battery	1																	
Textlog II 90mm Dia - 2 Battery	2																	
Textlog Analogue				A														
No Modem																		L
Modem - Internal Antenna																		M
Modem - External Antenna																		E
External Transducer Power								2										
Voltage (0-5V)									1									
Current (4-20mA)										2								
Voltage (0-5V)											1							
Current (4-20mA)												2						
N/A													0					
N/A														X				
N/A															0			
N/A																		X
None																		
External Supply Input *																		

* Textlog II must be chosen when external battery pack is chosen

Example:

Textlog 1 - GSM - 2 voltage (0-5V)

TL1-A-M-211-0X0-X-X

Textlog 1 - GSM - 2 current (4-20mA)

TL1-A-M-222-0X0-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

TLA0514

Subject to change without notification

Ashridge Engineering Ltd.

Unit 1a, 58 North Road Industrial Estate,
Okehampton, Devon, EX20 1BQ, United Kingdom

t: +44 (0) 1837 53381

f: +44 (0) 1837 55022

e: sales@ash-eng.co.uk

www.ash-eng.co.uk



ASHRIDGE®

www.ash-eng.co.uk