

Textlog Pressure

REMOTE TELEMETRY DATA LOGGER



Highlights

- › Up to 2 pressure input
- › Long battery life
- › Flexible logging & transmission - from 1 second
- › GPRS or SMS
- › Remotely configurable
- › Separate "nightline" window
- › Multiple alarm settings
- › SmartChart Web or PC data viewing
- › IP68

Applications

- › Pressure monitoring
- › Network analysis
- › Network monitoring
- › Monitoring of PRV's

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

Textlog Pressure

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, making Textlog the ideal choice for a wide variety of applications from domestic through to highly industrial.

Textlog Pressure is a single or dual channel pressure logger which monitors, logs and transmits data by SMS or GPRS. Flexible software allows logging down to 1 second and data transmission from every 15 minutes. Textlog also features an additional logging "window" to allow increased monitoring, to take place simultaneously.

All Ashridge loggers have a large memory and long battery life and for those applications requiring intense logging and transmission, there is the option of an external battery pack.

Textlog features a wide selection of user defined alarms, as well as a "fastline" feature, which allows increased post event data, with a maximum of 60 additional readings.

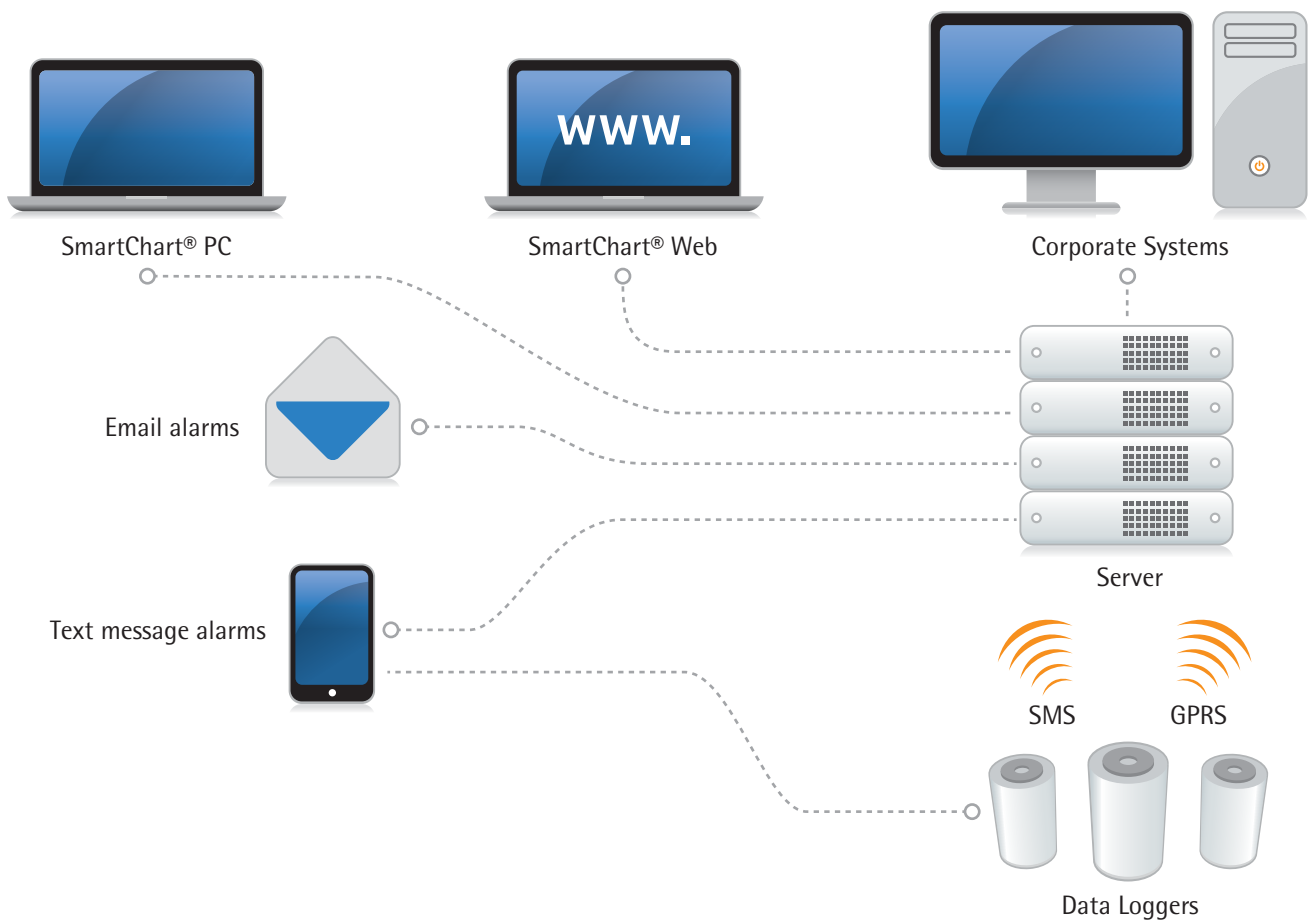
Captured data and alarms can be transmitted to a host PC or SCADA system. Alternatively, data can be viewed using SmartChart Web - Ashridge's hosted graphical viewing platform, allowing fast access to data from any location.

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 log
Graphical viewing	Easy to view data	Using SmartChart® Web or SmartChart® PC software
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 Pressure

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 remote telemetry 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 Pressure TECHNICAL SPECIFICATION

Textlog Pressure	
Battery	Lithium battery, up to 10 years battery life
Memory	Non volatile memory, 4 MB (8 or 16 by request) 80,000 readings in cyclic log
Internal Pressure input	5/10/20 Bar (0.25/0.1% accuracy) Resolution: 16 bit
Input connections	N/A (See Textlog Flow, AMR, Multi Et Analogue)
Digital input	N/A (See Textlog Flow, AMR, Multi Et Analogue)
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 data sheets)
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	SmartChart® PC graphical viewing or SmartChart®Web
Options	External supply input External antenna

OPTIONS / ORDERING CODES: TEXTLOG PRESSURE																			
Configuration Block	A	B	C	D	E	F	G												
	TL	X	-	P	-	X	-	0	0	0	-	X	X	X	-	X	-	X	
Textlog I 63mm Dia - 1 Battery	1																		
Textlog II 90mm Dia - 2 Battery	2																		
Textlog Pressure				P															
No Modem						L													
Modem - Internal Antenna						M													
Modem - External Antenna						E													
N/A								0											
N/A									0										
N/A										0									
1 Pressure													1						
2 Pressure *														2					
5 Bar															A				
10 Bar															B				
20 Bar															C				
0.25% Calibration																0			
0.1% Calibration																1			
None																		X	
None																			
External Supply Input *																			X

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

Example:

Textlog 2 - GSM - 2 x 0-10bar - 0.25%
TL2-P-M-000-2B0-X-X

Textlog 1 - GSM - 1 x 0-10bar - 0.25%
TL1-P-M-000-1B0-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

TLP0514

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