# Textlog Multi

COMPREHENSIVE DATA LOGGER

## GPRS/SMS/Manual Data Logger
Efficient, flexible and reliable data

### Highlights

› Long battery life
› Up to 2 pulse input
› Up to 2 pressure input
› Up to 2 temperature input
› Up to 2 Analogue current/voltage
› GPRS, SMS or manual download
› Fast and flexible logging
› Frequent & low cost transmission
› IP68
› Separate "nightline" window
› Multiple alarm settings
› Remotely configurable & upgradeable
› Large memory
› External antenna option

# Textlog Multi

## FLEXIBLE & COMPREHENSIVE

Textlog is Ashridge's intelligent, battery powered data logger range, offering a comprehensive and flexible solution for a wide range of applications. All loggers have the option of manual download or remote transmission of data and are waterproof, lightweight and simple to install.

**Textlog Multi** offers up to 5 channels and a wide combination of options for flow, pressure and temperature monitoring, providing the complete data logging solution for highly industrial through to domestic applications. In addition, all loggers have a large memory and long battery life and are totally portable.

The loggers provide frequent transmission of data for remote telemetry units and a variety of logging options down to 1 second for both GSM and manual download versions.

Textlog Multi features a wide range of user selectable alarms as well as a "fastline" feature, which allows increased post event data. Captured data and alarms can either be manually downloaded or transmitted directly to a host PC or SCADA system. Alternatively, data can be viewed using SmartChart Web; Ashridge's hosted graphical viewing platform.
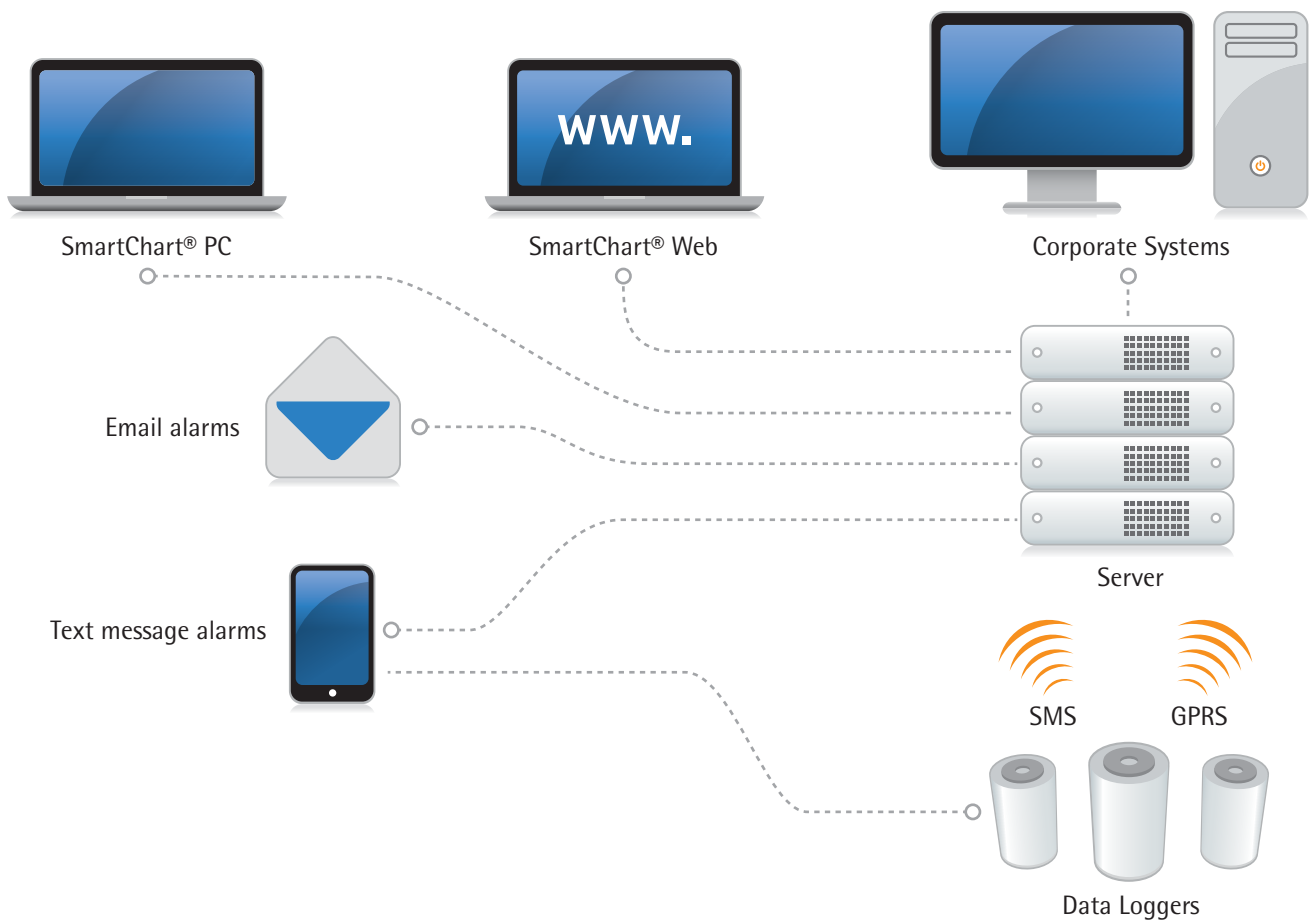
Further options available with Textlog Multi are additional memory, external battery pack and external antenna, providing a solution to the most demanding requirements.

## 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/Manual | Option to supply own SIM card. Roaming SIM option also available |
| **Analysis** | Fastline function | Providing historical data to enable further analysis |
| | Nightline window | Providing an additional schedule for higher frequency logging and leak detection |
| | Listen windows option | Allowing reconfiguration outside of "normal" transmit schedule |
| | Remotely configurable option | Allowing settings and firmware to be updated remotely, removing the need to visit site |

# Textlog Multi

REMOTE TELEMETRY OPTION



SmartChart® PC

**WWW.**

SmartChart® Web

Corporate Systems

Email alarms

Text message alarms

Server

SMS

GPRS

Data Loggers

**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 Multi

## TECHNICAL SPECIFICATION

| Textlog Multi | |
|---|---|
| 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 | Up to 2 Pressure input: 5/10/20Bar (0.25%/0.1%) |
| 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 |
| Alarm Dial Out | Multiple High / Low |
| Clock | On board 24 hour real time clock with date facility |
| Configuration | Remotely configurable option Flexible logging and transmission settings |
| Logging interval | 1 second to 24 hours |
| Serial Inputs | Reads directly from most registers (Elster, ABB, etc) |
| Upgrades | Remotely upgradable firmware |
| Analogue inputs | Up to 2 Analogue inputs (0-5V / 4-20mA) |
| 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 / custom |
| Weight | 0.4kg / 0.8kg |
| Materials | Non metal |
| Locking mechanism | Screw cap seal |
| Software | Textlog PC config, SmartChart® PC set up SmartChart® Web graphical viewing |
| Options | Pulse Interval Timing Extended supply input External antenna Temperature measurement Anti tamper Power supply for external transducers |

## OPTIONS / ORDERING CODES: TEXTLOG MULTI

| Configuration Block | A | B | C | D | | | E | | | F | G |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TL | X | - M - | X | - X | X | X | - X | X | X | - X | - X |
| Textlog I 63mm Dia - 1 Battery | 1 | | | | | | | | | | |
| Textlog II 90mm Dia - 2 Battery | 2 | | | | | | | | | | |
| Textlog Multi | | M | | | | | | | | | |
| No Modem | | | L | | | | | | | | |
| Modem - Internal Antenna | | | M | | | | | | | | |
| Modem - External Antenna | | | E | | | | | | | | |
| None | | | | 0 | | | | | | | |
| Pulse * | | | | 1 | | | | | | | |
| External Transducer Power * | | | | 2 | | | | | | | |
| None | | | | | 0 | | | | | | |
| Voltage (0-5V) | | | | | 1 | | | | | | |
| Current (4-20mA) | | | | | 2 | | | | | | |
| Meter RX * | | | | | 4 | | | | | | |
| Tamper Detection * | | | | | 8 | | | | | | |
| None | | | | | | 0 | | | | | |
| Voltage (0-5V) * | | | | | | 1 | | | | | |
| Current (4-20mA) * | | | | | | 2 | | | | | |
| Meter TX * | | | | | | 4 | | | | | |
| Pulse * | | | | | | 8 | | | | | |
| None | | | | | | | 0 | | | | |
| 1 Pressure *^ | | | | | | | 1 | | | | |
| 2 Pressure *^ | | | | | | | 2 | | | | |
| None | | | | | | | | X | | | |
| 5 Bar | | | | | | | | A | | | |
| 10 Bar | | | | | | | | B | | | |
| 20 Bar | | | | | | | | C | | | |
| 0.25% Calibration | | | | | | | | | 0 | | |
| 0.1% Calibration | | | | | | | | | 1 | | |
| None | | | | | | | | | | X | |
| 1 Temperature *^ | | | | | | | | | | A | |
| 2 Temperature *^ | | | | | | | | | | B | |
| None | | | | | | | | | | | X |
| External Supply Input * | | | | | | | | | | | E |

\# Textlog II must be chosen when external supply input is chosen. This will lower the total number of allowed pressure and temperature to 1, unless no options in block D are chosen.

\* If a starred option is chosen in more then one block out of D,E and F or the total of pressure and temperatures is 2 or more, then a Textlog II must be chosen

^ The total of pressures and temperatures combined must not be greater than 2

### Example:

Textlog 2 - GSM - 2 Pulse - 1 State -  2x10bar Pressure
TL2-M-M-188-2B0-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

**Texlog 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

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

TLM0514
Subject to change without notification

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