

d⁴LOGGER



To control data-logger costs, several instruments, with different output signals, are usually multiplexed at a single device. Hence, so called “data-loggers” are required to do additional tasks such multiplexing and data conversion which introduces complexity, and increases size and cost. With complexity comes the necessity for both hardware and software configuration that requires technical expertise which the busy end-user may not have time to acquire.

d-LOGGER changes the Rules

Everything changes with the **d-LOGGER** because all YieldPoint sensors transmit digital signals that require the minimum processing prior to writing into FLASH memory. Due to its simple design, incredibly small size and very low cost, each **d-LOGGER** is dedicated to a single instrument. With this comes **versatility, flexibility and simplicity**: if a specific sensor needs to be monitored then **d-LOGGER** can be deployed in a few seconds. No configuration is required since YieldPoint’s digital sensors inform **d-LOGGER** of critical information such as SensorID, SensorType and the number of data channels. Also, by minimizing the cost, if the **d-LOGGER** is destroyed during deployment, the replacement will cost probably less than 10% of a typical data-logger.

Features:

- ▲ *Inexpensive and versatile data-logging solution*
- ▲ *Pocket-size. Fits in 2.5” borehole*
- ▲ *32Mb of FLASH memory*
- ▲ *Stores over 30,000 readings*
- ▲ *9V Battery powered lasts up to 1 year*
- ▲ *Reading rate 1/min to 1/day*
- ▲ *USB download*
- ▲ *Extremely low cost*
- ▲ *Individual deployment on each instrument*
- ▲ *Wireless Options available soon*
- ▲ *Single sensor configuration*

Applications

d⁴LOGGER is powered using two 9V batteries. By automatically going into SLEEP mode between measurements the battery can last up to 3 mos. Even then if battery power is lost the data stored in d⁴LOGGER will be retained. 32Mb of memory will allow an instrument with up to 10 channels to be monitored 1/hour up to 3 mos.

Data from the d⁴LOGGER is output into 4 separate CSV text files, 1 for each port. These can easily be imported into Microsoft Excel or any database package, and is fully compatible with YieldPoint's MineScope database.

Advantages:

- ▲ Low cost
- ▲ Tough and rugged
- ▲ Recessed into borehole for Protection
- ▲ Rapid deployment
- ▲ Rapid redeployment
- ▲ Limited configuration

Specification

Dimensions: 56mm x 56mm x 30mm

Battery: 9V

Memory: 32Mb FLASH memory 30,000 readings.

Storage: ASCII 100 characters per reading

Frequency: 1/min to 1/day

Duration: 3 mos (1 rdg/hour), Alkaline battery.

Accessories:

USB Download cable (purchase separately)



Free Download software:

http://www.yieldpoint.com/dLOG_setup.msi.