

ELECTRONIC ASSEMBLY

new display design

WiFi / WLAN Data Logger USB Data Logger

- Temperature
- Humidity
- Voltage, Current
- USB Connector
- WiFi / WLAN
- with / without LCD
- with Battery / Accu



Compact Data Logger for Recording Air Temperature

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ELECTRONIC ASSEMBLY offers a data logger for monitoring and recording ambient temperature. Small data logger well suited to applications in the pharmaceutical, food, transportation, and logistics industries. The device can be quickly connected to a computer via the integrated USB interface to evaluate recorded data and ships with drivers for all Windows versions. For stationary monitoring or for laboratory use the EA WLAN WiFi data loggers are made for. They are wireless connected to local LAN.



With USB Interface

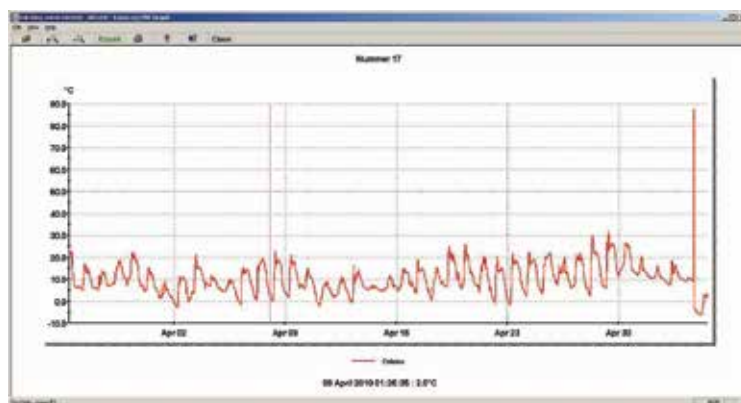


The EA SYLOG-U-2LCD is equipped with an USB interface and measures temperature and humidity. It is able to save up to 16,382 readings. Users can set the time lapse between measurements from 10 seconds to 12 hours to customize the monitoring period, which can span as little as 5 hours or as much as 1 year. The time at which measurements are to be taken is also programmable. The software provided graphically depicts the measurements on the computer screen and formats the graphics for printing. Data can also be converted and exported in different standard formats to be processed further.

WiFi Data Logger

With the new series EA WLANxxx it becomes easy to monitor temperature and humidity without any installation expense. One or more WiFi data logger will be placed on the spot and bind to the local WiFi network. So the readings are available within the whole network all the time. If the network isn't available short-term, the data logger backups automatically all data up to 120 days (at a measurement rate of 10 seconds). The large display is perfect readable even when passing by and it highlights any over and under exceeds of predefined limits.

Data logger with integrated sensor do work at a temperature range of -20 up to +60°C. Logger with external sensor do provide a measuring range of -40 up to +125°C or even 0 up to +400 °C.



Other Monitoring Variable

In addition to the typical temperature and humidity measurement ELECTRONIC ASSEMBLY also offers its USB data logger also for voltage measurement of 0..30V= (EA SYLOG-USB-3) and for current recording of 4-20mA current loop (EA SYLOG-USB-4). The EA SYLOG-USBCO is good for carbone monoxyde supervision. The internal memory holds up to 32,510 measurements in the range of 0..1000 ppm. A counter for summary or events stores every event together with a time and date stamp.

Accessory

A special aluminium case is available as an accessory, made for the special protection when used in extreme rough environment. Both USB data logger for temperature and humidity are also available with an integrated LCD display for direct reading on the spot.

A low cost version (EA SYLOG-USBLT) is limited to a temperature range of -10..+50°C and up to 4,000 readings.

For the WiFi data logger is an additional alert module available that, like a data logger, will be integrated into the WiFi network. Within the WiFi range it can be placed wherever it's necessary. Any over- or underrange temperature or humidity will be reportet with an audible alarm and displayed red LED lights.

