

Batteryless System Logger

Designed by Engineers for Engineers



The Batteryless System Logger is a unique device that was designed to store system log information in real time from any computer system, in the event of a power failure or system crash.

The Batteryless System Logger implements the Amfeltec Smart Batteryless Backup Technologies™, which allows the logger to continuously store log information—even when the electrical characteristics of the System Logger are fluctuating due to humidity and temperature influences. This patented technology makes the logger's lifetime practically unlimited.

Many types of system crashes can't be captured through standard methods, such as storing log information to a hard disk. Operating system crashes and power outages can prevent log files from being properly written or can cause physical damage to the disk—not to mention that these days many embedded systems don't have hard disks at all. This makes it extremely difficult to analyze the crash and make appropriate changes to prevent future system failures. The System Logger is ideal for solving these types of problems.

The Batteryless System Logger is essentially the "Flight Data Recorder" for a computer system located in the office or in the field. When deployed, the Logger provides around-the-clock system logging. During a system crash, power outage, or other event triggered by the user, system log information is stored in its non-volatile memory for later analysis.

Features

- Plug and Play device (easy to configure)
- System interface RS-232 (standard DB9 connector)
- System Interface USB (USB-A or USB header)
- Programmable baud rates: 9600/19200/57600/115200 bps
- Memory buffer capacity is 128 Kbytes
- Powered from the system interface (no batteries or power cables required)
- Device lifetime of more than ten years
- Extremely compact size
System Logger (RS232): 1.3" x 0.8" x 2.4"
System Logger (USB): 0.8" x 0.5" x 2.3"

Software

- Software utilities are available under Linux, FreeBSD and Windows OS.