



PocketShark

SYSTEM MONITORING and CRASH RECOVERY

""PocketShark Family™



PocketShark – for System Monitoring and Crash Recovery

This product family supports computer systems located in the office or in the field. This includes servers, embedded applications and IOT devices that must operate 24/7, without human interaction.

Our *Batteryless Loggers* can continuously record system & environmental data during the computer system's operation, and in the event of a system crash or power outage. This data is stored in non-volatile memory, and can be accessed or restored later — at any time and on any computer — for analysis. By incorporating such loggers, the fault-diagnostic process becomes significantly faster, or it simply becomes *possible to perform*.

Our WatchDog Timers can auto-reboot a computer system in case of hovering or system crash.

Expect all *PocketShark Family*™ tools to

- significantly increase the reliability of your computer system
- · operate at an industrial temperature range
- have a lifespan of over ten years

amfeltec

SKU-091-10

IU

x1 PCle Watchdog Timer



- Easy "Plug & Play" installation, no drivers needed
- Automatically reboots the computer, embedded appliance or IoT device in case of hovering or system crash
- 1U x1 PCle board with PCle retainer (no bracket needed); Dimensions: 65 mm x 30 mm
- Industrial temperature range
- Device lifetime over 10 years

SKU-004-01

RS-232

BatteryLess System Logger



- Easy "Plug & Play" installation, no drivers needed
- Interface: RS-232
- No batteries or external power required
- Industrial temperature range
- Records system information during normal operation and in the event of system crash or power outage
- Device lifetime over 10 years

[™]PocketShark Family™



SKU-091-31 SKU-091-32 SKU-091-33 USB

Batteryless System Logger

- Easy "Plug & Play" installation, no drivers needed
- Records system & environmental information (temperature, air pressure, humidity, accelerometer) during normal operation and in the event of system crash or power outage
- Interface: USB-A, USB-C or USB header 5X2
- Industrial temperature range. Device lifetime over 10 years







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SKU-091-22

M.2 / USB Batteryless System Logger

WatchDog Timer



- Easy "Plug & Play" installation, no drivers needed
- Records system & environmental information (temperature, air pressure, humidity, accelerometer) during normal operation and in the event of system crash or power outage
- Automatically reboots the computer, embedded appliance or IoT device in case of hovering or system crash
- Interface: USB 2.0 (A-key,B-key,E-key) (22 mm x 80 mm)
- Industrial temperature range. Device lifetime over 10 years

SKU-091-13

USB/RS-232 OEM Batteryless System Logger



WatchDog Timer

- Easy "Plug & Play" installation, no drivers needed
- Records system & environmental information (temperature, air pressure, humidity, accelerometer) during normal operation and in the event of system crash or power outage
- Automatically reboots the computer, embedded appliance or IoT device in case of hovering or system crash.
- Motherboard connection: via Samtec connector BKT-115-03-F-V-S
- Interface: USB 2.0 or RS-232
- Industrial temperature range. Device lifetime over 10 years

[™]PocketShark Family™



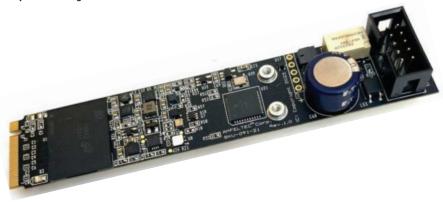
SKU-091-23

M.2 / USB Batteryless System Logger

WatchDog Timer

SSD

- Easy "Plug & Play" installation, no drivers needed
- Records system & environmental information (temperature, air pressure, humidity, accelerometer) during normal operation and in the event of system crash or power outage
- Automatically reboots the computer, embedded appliance or IoT device in case of hovering or system crash
- System storage: SSD



- Supports x 4 PCIe Gen 3 and USB 2.0 (M-key)(22 mm x 110 mm)
- SSD storage capacity: 1 TB, 512 MB, 256 MB, 128 MB
- Extended industrial temperature range

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SKU-091-11

IU

PCIe WatchDog Timer with Logger



- Easy "Plug & Play" installation, no drivers needed
- Records system & environmental information (temperature, air pressure, humidity, accelerometer) during normal operation and in the event of system crash or power outage
- Automatically reboots the computer, embedded appliance or IoT device in case of hovering or system crash
- Board: 1U x1 PCle board with PCle retainer (no bracket needed); Dimensions: 65 mm x 30 mm
- Industrial temperature range. Device lifetime over 10 years

SKU-091-40

WatchDog Timer Power Adapter



- Directly connects to WatchDog Timer
- Galvanic isolated from WatchDog Timer
- Supply voltage 5V \pm 10% via standard mini-USB connector or 3-pin header
- Connecting loads via screw terminal block: normally open & normally closed
- Maximum switching current: 10 A
- Maximum switching voltage: AC 250 V; DC 30 V

About Amfeltec Corp.

Amfeltec Corporation is a leading Canadian designer and manufacturer of complex and innovative electronics solutions based in Stouffville, Ontario. Amfeltec's product line spans a wide variety of computer hardware expansion products, telecommunication solutions, testing and production tools, with a focus on high-speed inter-connectivity technologies.

Since its incorporation in 2005, Amfeltec has served different customer segments, ranging from large multi-national corporations to governmental agencies, the defence industry, and electronics companies specializing in the development of high-performance custom-built computer systems. Amfeltec's multi-year industry experience, combined with engineering expertise, innovation track record and diverse product portfolio, makes the Company a solution provider of choice for many enterprises worldwide. Most of Amfeltec's products are covered by one or more United States patents.

Notable Amfeltec product families include Squid Carrier Board™, Piranha Analog Telecom™, Arowana PCle SSD Board™, AngelShark Carrier Board™ and PocketShark Family™ for System Monitoring and Crash Recovery.

All Amfeltec products are designed and manufactured in Canada.



Designed and Manufactured in Canada

This product may be covered by one or more of the following U.S. patents: 7,186,145; 7,255,570; 7,537,491; 7,850,475; 7,908,504; 8,351,583; 8,483,364; 9,996,495; 10,481,660; 10,664,431.

Other U.S. patents pending