

ProfiShark 1G All-in-One GigaBit Ethernet Troubleshooter

The Ultimate Solution for Field Testing & Monitoring

A full featured field service tool, compact and easy to use.

All-in-one in a pocket-sized box, the only additional hardware required being a PC with a free USB 3.0 port, the ProfiShark 1G is the perfect tool for the field engineer as well as for long-term traffic collection. As it is based on USB 3.0 (5 Gbit/s), the ProfiShark 1G manages full-duplex Gigabit at wirespeed.

Features

- 10/100/1G monitoring on USB 3.0
- USB 3.0 powered
- Fail-safe monitoring
- Hardware aggregation
- 8 ns hardware timestamp
- Real time statistics
- Low level error and bandwidth monitoring
- Direct capture to disk

The ProfiShark 1G has the ability to capture:

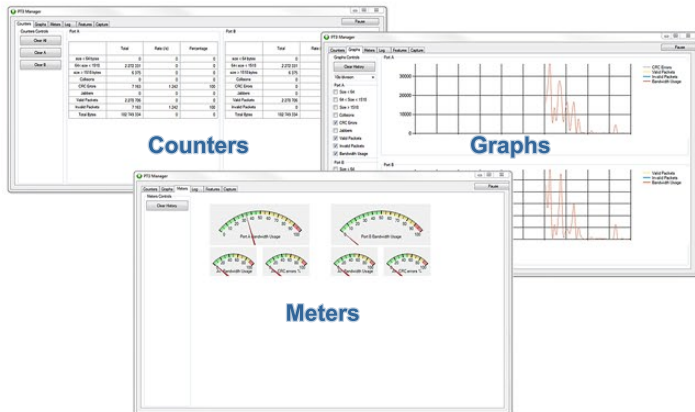
- Any type of frames (pause frames, VLAN tagged, ...)
- Any encapsulated frames
- CRC error frames
- Any frames between 10 bytes and 10 Kbytes

Timestamp

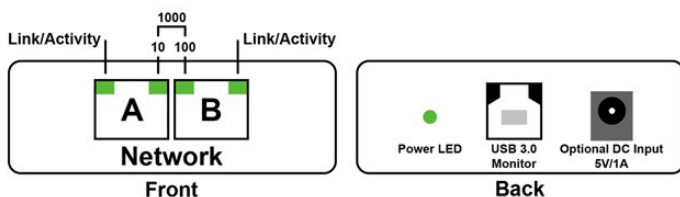
This feature allows real time analysis of aggregated and buffered traffic. It can measure latencies in nanosecond precision.

ProfiShark Manager

An application designed specifically for the ProfiShark 1G. It provides a way for statistical analysis of a network, allowing for efficient excessive bandwidth usage detection, or any low layer errors using charts prior to a deeper investigation with an analyzer.



General Application



Connectors

2 x RJ45 8 pins
1 x USB 3.0 / USB 2.0
1 x 5V DC optional input

LEDs

2 x Link activity
2 x Speed
1 x Power

Maximum Network Latency

Link @ 1Gpbs 370 ns
Link @ 100Mbps 660 ns
Link @ 10Mbps 6600 ns

System requirements

Dual Core Processor
1GB memory
USB 3.0 port

Supported OS

Windows 7 32 & 64 bits
Windows 8 32 & 64 bits
Linux

Dimensions

Height 24 mm 0.94 inches
Width 69 mm 2.72 inches
Length 124 mm 4.88 inches

Accessories

1.8m USB 3.0 cable
RJ45 cable
Pouch
USB key

Compliance

RoHS
CE
FCC class A

Ordering reference

C1AP-1G