

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
- Invisible to the network
- PoE compliant

● **The ProfiShark 1G has the ability to capture:**

- Any type of frames (VLAN, VXLAN, MPLS, Pause frames...)
- Any encapsulated frames
- CRC error frames
- Any frames between 10 bytes and 10 Kbytes

● **Timestamp**

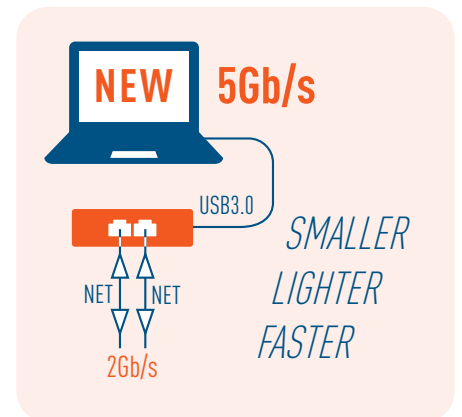
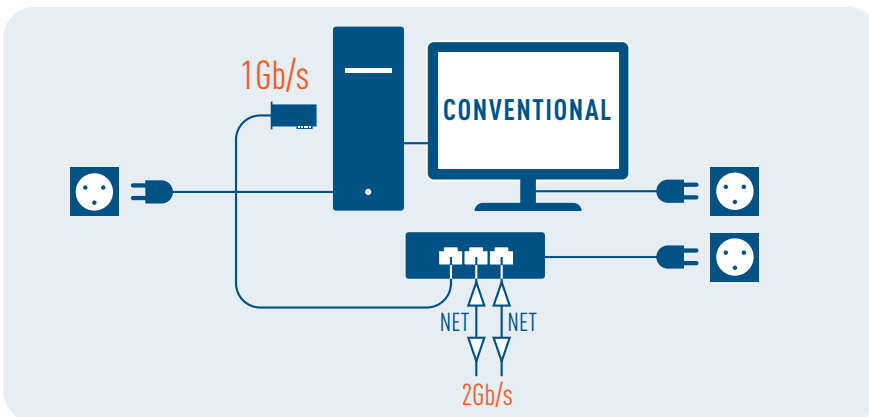
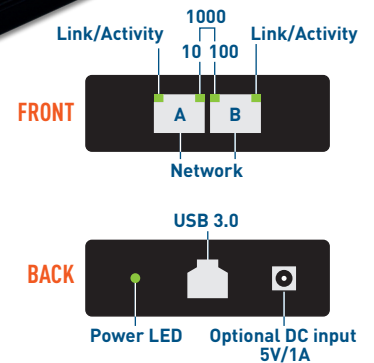
This feature allows real time analysis of aggregated and buffered traffic. It can measure latencies in nanosecond resolution.

● **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.



Connection



Connectors	2 x RJ45 8 pins • 1 x USB 3.0 / USB 2.0 • 1 x 5 VDC optional input
LEDs	2 x Link activity • 2 x Speed • 1 x Power
Max. Network Latency	Link @ 1 Gbps 370 ns • Link @ 100 Mbps 660 ns • Link @ 10 Mbps 6600 ns
System requirements	Dual Core Processor • 4 GB memory • USB 3.0 port
Supported OS	Windows 7 32-bit & 64-bit • Windows 8 32-bit & 64-bit • Linux
Dimensions (WxDxH)	69 x 124 x 24 mm • 2.72 x 4.88 x 0.94 in
Weight	176 g • 0.39 lb
Accessories	1.8 m USB 3.0 cable • RJ45 cable • Pouch • USB key
Compliance	RoHS • CE

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