PROFI TAP

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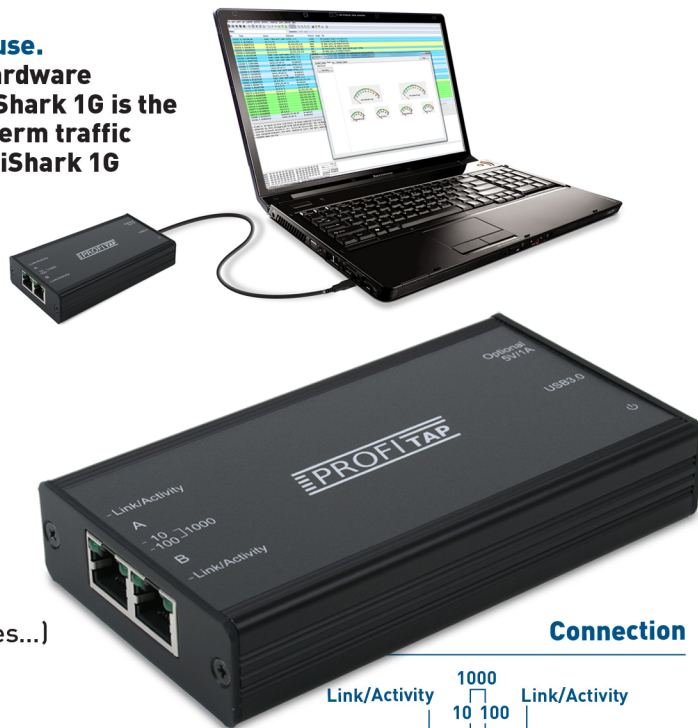 - Any type of frames (VLAN, VXLAN, MPLS, Pause frames...)
  - Any encapsulated frames
  - CRC error frames
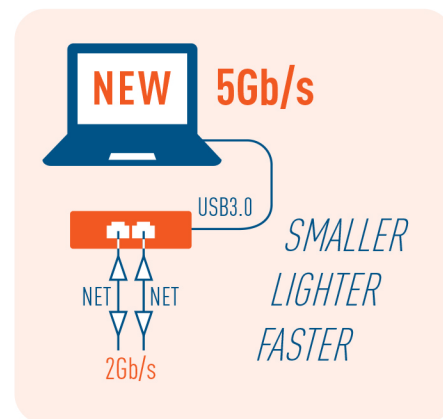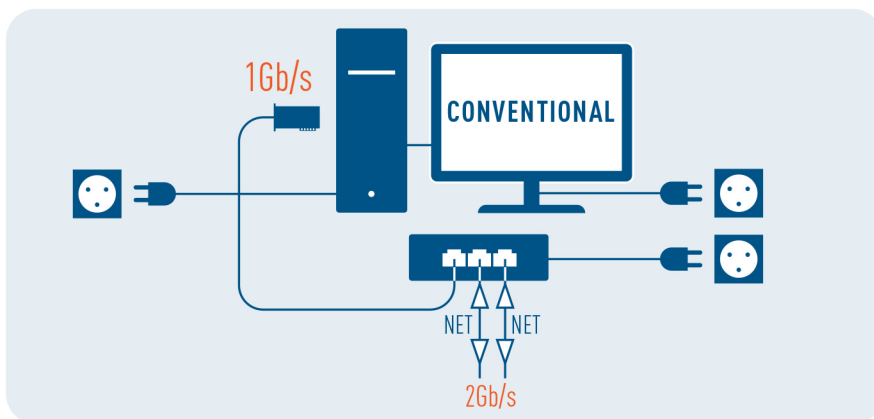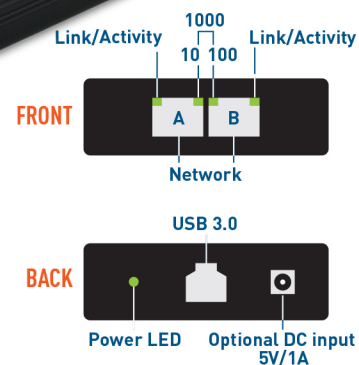 - Any frames between 10 bytes and 10 Kbytes

- **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

FRONT

Link/Activity — 1000 — 10 100 — Link/Activity
A B
Network

BACK

USB 3.0
Power LED — Optional DC input 5V/1A

CONVENTIONAL
1Gb/s
NET | NET
2Gb/s

NEW 5Gb/s
USB3.0
SMALLER
LIGHTER
FASTER
NET | NET
2Gb/s

Connectors	2 x RJ45 8 pins • 1 x USB 3.0 / USB 2.0 • 1 x 5V DC optional input
LEDsr	2 x Link activity • 2 x Speed • 1 x Power
Max. 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