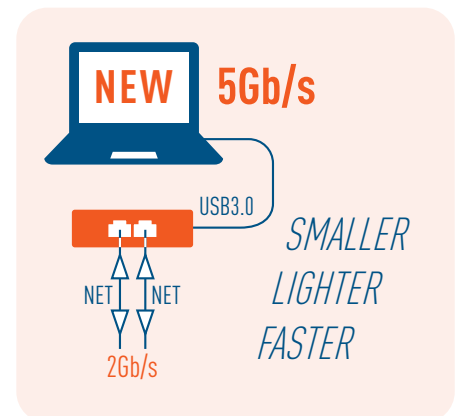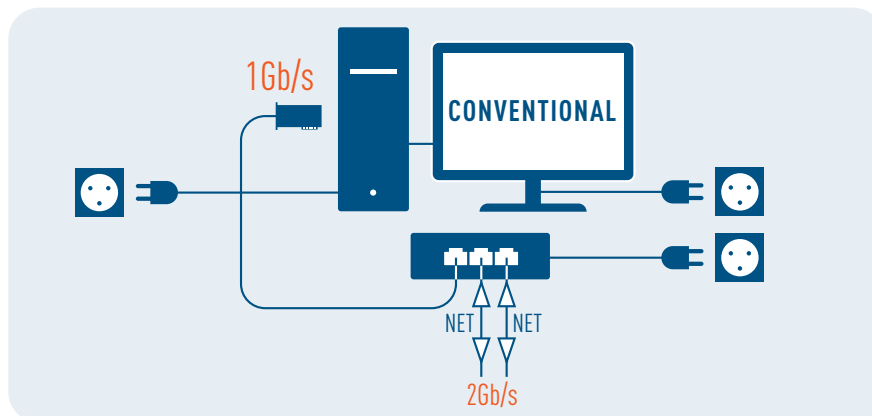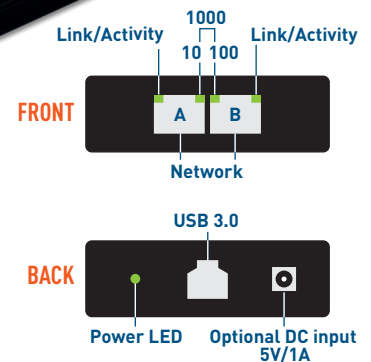**≡PROFI TAP**

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

● **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 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 10 • Windows 8 32-bit & 64-bit • Windows 7 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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