

PROFISHARK 1G+

ALL-IN-ONE GIGABIT ETHERNET TROUBLESHOOTER

THE ULTIMATE SOLUTION FOR FIELD TESTING & MONITORING

The ProfiShark 1G+ is the perfect tool for the field engineer as well as for long-term traffic collection. As an all-in-one network TAP in a pocket-sized box, this portable device gives you all the flexibility and ease of use you require for network monitoring.

The only additional hardware required is a PC with a free USB 3.0 port. 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
- Non-intrusive, fail-safe monitoring
- Hardware aggregation
- SPAN and In-Line modes
- 8 ns hardware timestamp
- GPS-linked timestamping with PPS synchronization
- Real time statistics
- Low level error and bandwidth monitoring
- Direct capture to disk
- Invisible to the network
- PoE compliant

LONG-TERM TRAFFIC CAPTURE

The long-term capture feature is designed to help you catch intermittent problems in the act. By connecting a NAS to the ProfiShark, captures can be done for long periods of time. Comes with required software package.

- Full duplex 1G (2 Gbit/s) wirespeed capture
- Ringbuffer or normal capture mode
- Split capture to different files, based on time or size
- Compatible with all Intel based Synology NAS systems

ADVANCED GPS TIMESTAMPING

This feature allows real-time analysis of aggregated and buffered traffic. It can tag packets with UTC-based, GPS-linked, nanosecond resolution timestamps (typical ± 16 ns precision) A PPS input is also possible for traffic capture, timestamping, port diagnostics, and port control.

TECHNICAL SPECIFICATIONS

CONNECTORS	ACCESSORIES
2 x RJ45 8 pins 1 x USB 3.0 1 x 5 VDC optional input 1 x SMA female (PPS) 1 x SMA female (GPS)	GPS/GLONASS Antenna 1.8 m USB 3.0 cable RJ45 cable Pouch USB key
DIMENSIONS (WxDxH)	MAX. NETWORK LATENCY
105 x 124 x 26 mm — 4.13 x 4.88 x 1.02 in	1 Gbps: 370 ns — 100 Mbps: 660ns — 10 Mbps: 6600ns
WEIGHT	SYSTEM REQUIREMENTS
280 g - 0.62 lb	Dual Core Processor — 4 GB memory — USB 3.0 port
COMPLIANCE	LEDS
RoHS	2 x speed — 2 x Link Activity — 1 x Sync — 1 x Power
SUPPORTED OS	
Windows 7 / 8 / 10 (32-bit & 64-bit) — Linux	

ORDER REFERENCE

C1AP-1G2



V4.1-0118