

# PROFISHARK 10G+



## IN-DEPTH SOLUTION FOR FIBER NETWORK TROUBLESHOOTING

### COMPREHENSIVE FIBER OPTIC FIELD TESTING & MONITORING

The ProfiShark 10G+ provides visibility into 10G fiber optic networks, making it the perfect troubleshooting tool for field engineers 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. The ProfiShark 10G+ captures packets of all sizes and types and offers a wide assortment of hardware filters, statistics and configuration options, through the ProfiShark Manager.

### FEATURES

- 10G fiber monitoring on USB 3.0
- USB 3.0 powered
- Hardware aggregation
- SPAN and In-Line modes
- Captures any type of frames
- Hardware filtering, deep packet inspection
- Packet slicing
- 8 ns hardware timestamp
- GPS-linked timestamping with PPS synchronization
- Customizable real-time statistics
- In-depth network port diagnostics
- Low level error and bandwidth monitoring
- Direct capture to disk
- Invisible to the network

### 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.

- 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  $\pm 16$ ns precision) A PPS input is also possible for traffic capture, timestamping, port diagnostics, and port control.

## TECHNICAL SPECIFICATIONS

CONNECTORS	ACCESSORIES
2 x SFP+ 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	10Gbps: 328 ns
WEIGHT	SYSTEM REQUIREMENTS
280 g - 0.62 lb	Dual Core Processor — 4 GB memory — USB 3.0 port
COMPLIANCE	LEDS
RoHS	4 x Link Activity — 1 x Sync — 1 x Power
SUPPORTED OS	
Windows 7 / 8 / 10 (32-bit & 64-bit) — Linux	

## ORDER REFERENCE

C1AP-10G2



V41-0118