Anybus EtherTAP: 1G

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The Anybus EtherTAP:1G monitoring interface serves as a bridge between the portable Mercury tablet or the permanent Atlas module and Anybus' advanced diagnostics tool, Osiris. By using the Anybus EtherTAP:1G, both the Mercury and Atlas can effectively analyze the information feed from your industrial network.

The Anybus EtherTAP:1G is a portable tool that provides the convenience of passive monitoring, granting you access to detailed information about your network's behavior. By using this tool to gain a better understanding of your network's health, you can take proactive measures to improve your network's performance.

With a USB connection to the laptop, the EtherTAP:1G transfers the captured messages to the appropriate driver. This driver emulates an additional Ethernet port on the laptop and forwards messages to each application, ensuring a reliable monitoring solution for your network.

Key features
• Passive diagnostics capabilities
• Cycle time per device
• Analysis positive and negative message jitter
• Number of dropped packets
• Customizable alarm triggers
• Ethernet network analysis

Application example:
• Message recording of PROFINET and Industrial Ethernet
• Compatible with Osiris Software for passive diagnostics measurements
• Telegram analysis on bit-level

To make tapping available make sure you have:
• A correct license
• An EtherTAP: 1G placed between two devices communicating over PROFINET
• A running measurement

Dimensions

W x D x H:	69 x 124 x 24 mm
	2.72 x 4.88 x 0.94 inch
Weight:	176 grams

System requirements

Operating system	Windows 7 / 8 / 10 (both 32 bits & 64 bits supported)
	Linux
	MacOS
Processor	Dual Core
Memory	4GB

Connectivity	USB 3.0

Power supply

Powered by USB 3.0

Optional External 5V / 1A power input

Important: Disconnecting the USB 3.0 cable also interrupts the connected Ethernet cables for 1-2 seconds.

Max. network latency

At 10 Mbit/s	6600 ns
At 100 Mbit/s	660 ns
At 1000 Mbit/s	370 ns

Other

Compliance	RoHS, CE, FCC class A
Operating temperature range	0 to +50 °C — 32 to 122 °F
Storage temperature range	-40 to +80 °C — -40 to 176 °F
Relative humidity	10 to 95%, non-condensing

File	Version	Size	Read online

Ordering Information

Order Codes	513-00021A
Included Components	Anybus EtherTAP: 1G Supplied with manual, drivers, 1 x 1m RJ/45, 1 x 1 USB
Additional Information	Works with EtherTAP: PROFINET Analysis License (101-700204), Wireshark, ClearSight, OptiView, NetSpector, OmniPeak, NetDecoder, Packetyzer, Ethertest
Warranty	1 year