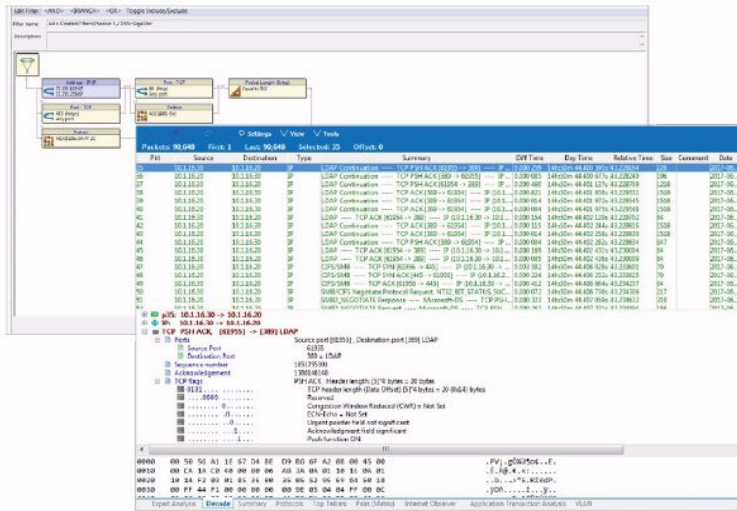


# PROTOCOL ANALYZER mod.T4E-WB2-01



The Protocol analyzer mod.T4E-WB2-01 is a portable measuring instrument, Plug & Play type, for copper ethernet networks compatible with 10/100M and 1G(1000M) speeds, standard RJ45. It allows the analysis and the study of communication protocols of the traffic present on your LAN/WAN network. It consist of:

- a traffic regenerator, which duplicates the traffic present in the backbone and replicates it on the ports available for traffic analysis
- a software that allows you to analyze the network, capture and decode network traffic and use real-time statistics to solve problems within networks and network applications.

The protocol analyzer can be used in three modes (see figures below):

- **Breakout:** the data flows coming from the opposite directions are separated (splitted) and made available each on its own analysis port
- **Aggregation:** data flows coming from opposite directions are combined and made available on both analysis ports
- **Regeneration:** it allows to multiply the input on more outputs

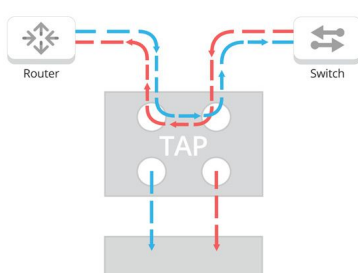
Technical characteristics:

- Packet Capture
- Packet Decode
- Real-Time Packet Captures & Decode
- Automated (Scheduling) packet captures
- Filtering
- Alarms & custom Alarm Triggers
- Find Virus and Hack Signatures
- Real Time Statistics
- Bandwidth utilization
- VLAN analysis
- Internet Activity
- Protocol Distribution
- N.2 ports Ethernet 10/100/1000M for link to network devices
- N.2 ports Ethernet 100/1000M for link to PC (**not included**) used for protocols analysis
- N.2 network cables L=1m cat.5e UTP RJ45/RJ45 10/100/1000
- N.1 network cable L=5m cat.5e UTP RJ45/RJ45 10/100/1000
- Power supply 230Vac/50Hz (multirange)
- CE mark and RoHS compliant

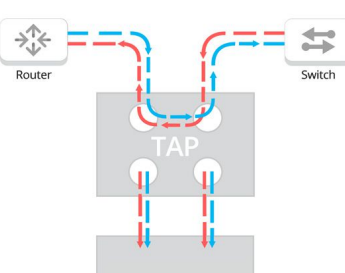
The software must be installed in a personal computer (**not included**) with the following minimum recommended features:

- Processor: Quad core Pentium
- RAM: 8GB
- Operating system: 64-bit Windows 10

Breakout Mode



Aggregation Mode



Regeneration/SPAN Mode

