QP500
Small Form-Factor Network Analyzer

The Quantea QP is an intelligent and passive device that non-intrusively monitors key areas in an IP-based network. To gain upmost visibility of the network, the QP series examines and records the network's fundamental sources of information throughout the entire packet. Each QP series model is used as a standalone device and with a large storage capacity, the QP can provide a rich source of packet-level intelligence to help solve complex service-affecting problems in a network-wide, multi-domain and multi-tier basis.

Up to 10Gbps Network Recording	High Speed Packet Search	External Mounting to Export Large PCAPs

- Microsecond resolution time stamping.

- Compression increases storage capacity per appliance up to 36x.

- High speed packet search by protocol, port, REGEX, VLAN and a combination of IPv4/v6 addresses.

- Rotation mode allows 24/7 capturing as the QP overwrites the oldest set of captured data while storing the new set of traffic.

- Every QP series appliance runs on a hardened Linux® OS that is custom-built for secured operation. Access to stored data is controlled and password protected.

- PureInsight capable: ready to run PureInsight visualization suite.

- Line rate packet filtering and replay capabilities are available with additional FPGA network adapter.

Effectively capture full-sized network packets at a multi-Gigabit rate from a live network interface and write them into files without any packet loss. The QP provides easy, efficient and centralized access to traffic and metadata from across the entire network. Access the data directly from the QP without using additional software by using standard networked storage protocols such as NFS/CIFS and FTP. This provides IT teams comprehensive data at their fingertips which allows them to collect, manage, distribute and automate analysis process through direct access to storage through QManager or third party tools.

Specifications	QP500
Dimensions (WxHxD)	170mm x 277mm x 252mm
Capture Adapter Interfaces	10Gbps Adapter: 2 Port @ 10Gbps (SFP+) 1Gbps Adapter: 4 Ports @ 1Gbps (SFP or Copper)
Capture Adapter Expansion Slots	1 Adapter
Rated Capture Performance	10Gbps Write-to-disk per system
Storage Capacity	500GB-16TB in HDD or SSD Configurations in RAID5
Management Port	1 x RJ45(Standard) 2 x 1GbE NIC (Optional)
OS Support	OS drive installed within RAID 5 storage array
Side Rails	N/A
Carrying Handle	(Included) Integrated with the chassis
Power Rating	Rated Power: 300W AC Input Rating: 100-240V/5-2A/50-60Hz DC Output: 300W +12V/24A +5Vsb/2.5A
Operating Environment	Operating Temperature Range: 5°C - 35°C (41°F - 95°F) Non-Operating Temperature Range: -40°C - 60°C (-40°F - 140°F) Operating Relative Humidity Range: 8% ~ 90% (non-condensing) Non-Operating Relative Humidity Range: 5% ~ 95% (non-condensing)
Regulatory Agency Approvals	All models meet these safety listings: USA - UL, FCC Canada - CUL Germany - TUV Europe - CE EN 60950/IEC 60950 Compliant

Quantea Empowering Data for a Better Connected World