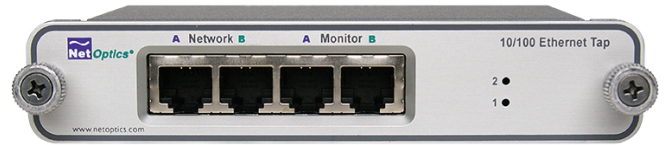


10/100BaseT Tap



Net Optics 10/100BaseT Taps supply mission-critical networks with superior network visibility and security access. The breakthrough design of the Net Optics 10/100BaseT Tap ensures zero impact on network traffic while maintaining uninterrupted access for monitoring and security devices. These are the world's first and only 10/100BaseT Taps offering "zero delay" technology.

Highly sensitive network locations can improve monitoring performance via the innovative features of Net Optics Taps. Net Optics' pioneering design ensures that any loss of power to the Tap is transparent to the network, and does not affect the flow of traffic through the Tap — eliminating packet delay and loss as potential security issues.

Without an IP address, monitoring devices are isolated from the network, dramatically reducing their exposure to attacks. However, the monitoring device connected to the Tap still sees all full-duplex traffic as if it were in-line, including Layer 1 and Layer 2 errors.

For extra uptime protection, Net Optics 10/100BaseT Taps offer redundant power connections. All network and monitoring cables necessary for plug-and-play deployment are included.

Passive, Secure Technology

- Provides passive access at 10 or 100 Mbps without data stream interference or introducing a point of failure
- Unique Zero Delay™ technology ensures no packet delay or loss if power is lost to the Tap
- Passes all full-duplex traffic (including errors) from all layers for comprehensive troubleshooting
- No IP address is needed for the Tap or monitoring device, enhancing monitoring security
- Redundant power ensures monitoring uptime
- Enables auto-negotiation, or fixed speed and duplexing settings

Ease of Use

- Front-mounted connectors support easy installation and operation
- LED indicators show redundant power status
- Silk-screened application diagram illustrates all connections for easy deployment
- Optional 19-inch rack frames hold up to 3 or 12 Taps
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems

Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

Relative Humidity: 10% min, 95% max, non-condensing

Mechanical:

Dimensions: 1.25" high x 4.2" deep x 4.5" wide

Electrical:

Fully compatible with Power over Ethernet (PoE) applications

Redundant Power Supplies:

Input: 100-240VAC, 0.5A, 47-63Hz

Output: 12V 1.5A

Cable Interface:

Copper Cable Type:

22-24 AWG unshielded twisted pair cable, CAT5/CAT5E

Link Distance Supported: 100 meters

Connectors:

Monitoring Ports: (2) RJ45, 8 pin connectors

Network Ports: (2) RJ45, 8 pin connectors

Certifications:

Fully RoHS compliant

Fully IEEE 802.3 compliant

Part Number	Description
TP-CU	10/100BaseT Tap
RK-12	Twelve Slot Rack Mount Frame
RK-3V2	Three Slot Rack Mount Frame

All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.