



## 4 Station 10/100BaseT Tap

Net Optics 4 Station 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. The efficient 4 Station 10/100BaseT Tap connects up to four monitoring devices to four different links, saving rack space, time, and money.

When power is lost to other 10/100 Taps, the connected devices may introduce delays as they detect the power loss and try to re-establish their link. Net Optics' Zero Delay™ technology ensures that any loss of power to the Tap does not affect the flow of traffic through the Tap.

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, including Layer 1 and Layer 2 errors.

For extra uptime protection, Net Optics 10/100BaseT Taps offer redundant power connections. Even if power is lost and reapplied, there is always zero delay to network traffic.

### 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 every packet goes through without delay, even 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

- LED indicators show redundant power status
- Front-mounted connectors support easy installation and operation
- Efficient one rack unit enclosure
- Silk-screened application diagram illustrates all connections for easy deployment
- Tested and compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems



### ▶ Technical Specifications:

#### Operating Specifications:

**Operating Temperature:** 0°C to 55°C

**Storage Temperature:** -10°C to 70°C

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

#### Mechanical Specifications:

**Redundant Power Supplies(2):**

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

**Dimensions:** 1.75" high x 12" deep x 17" wide

#### Cable Interface:

**Copper Cable Type:**

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

**Link Distance Supported:** 100 meters

#### Connectors:

**Monitoring Ports:** (8) RJ45, 8 pin connectors

**Network Ports:** (8) RJ45, 8 pin connectors

#### Certifications:

Fully RoHS compliant

Fully IEEE 802.3 compliant

Part Number	Description
TP4-CU	4 Station 10/100BaseT Tap

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