



# 16 Station 10/100BaseT Tap



16 Station 10/100BaseT Tap Front View

Net Optics 16 Station 10/100BaseT Taps supply mission-critical networks with superior network visibility and security access. The breakthrough design of the 10/100BaseT Tap ensures zero impact on network traffic while maintaining uninterrupted access for monitoring and security devices. The efficient 16 Station 10/100BaseT Tap connects up to sixteen monitoring devices to sixteen 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:

**Operating Temperature:** 0°C to 40°C

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

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

### Mechanical:

#### Redundant Power Supplies:

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

DC Power Input: -48 VDC typical, -36 VDC min, -75 VDC max

**Dimensions:** 1.75" high x 10.5" deep x 17.0" wide

### Cable Interface:

#### Copper Cable Type:

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

**Link Distance Supported:** 85 meters

### Connectors:

**Monitoring Ports:** (32) RJ45, 8 pin connectors

#### Network Ports (on the back side):

(32) RJ45, 8 pin connectors

### Certifications:

Fully RoHS compliant

Part Number	Description
TP16-CU	16 Station 10/100BaseT Tap
TP16-CU-DC	16 Station 10/100BaseT Tap -48VDC

\*Also available in 8, 12, and 20 station models. All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.