



Dual Port Aggregator Tap

10/100 Active Response

Net Optics Active Response Dual Port Aggregator Taps provide ultra-efficient access to critical links with the option to inject an active response into the network. This pioneering technology enables any monitoring device to simultaneously monitor a full-duplex link — using only one NIC per device.

Typically, full-duplex monitoring with a network tap requires two NICs (or a dual channel NIC) — one interface for each side of the tapped full-duplex connection. The Dual Port Aggregator Tap combines and regenerates these streams, sending all aggregated data out two separate passive monitoring ports.

When active responses to network events are required, the first monitoring port can be changed to an Active Response Port using a hardware switch. The combination of active response capability and passive monitoring in the Tap reduces the number of devices and network ports required for active response functionality.

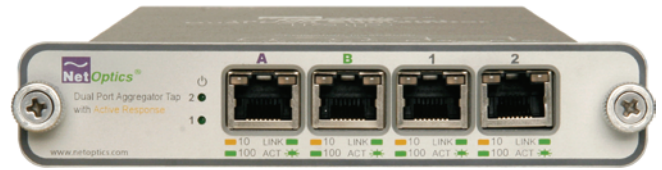
Net Optics Dual Port Aggregator Tap is a simple plug-and-play solution. All network and monitoring cables necessary for plug-and-play deployment are included.

Passive, Secure Technology

- Supports full-duplex monitoring with a single NIC, increasing monitoring efficiency
- One megabyte of memory prevents data loss during excessive traffic loads
- Regeneration Tap technology enables two devices to simultaneously monitor all aggregated traffic — using only one NIC per device
- Active response capability increases Tap-based monitoring flexibility and efficiency
- Provides complete full-duplex visibility at 10 or 100 Mbps without data stream interference or introducing a point of failure
- Compatible with Mid-Span Power over Ethernet (PoE) applications
- Passes all 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

Ease of Use

- LED indicators show redundant power, speed, link, and activity status
- Silk-screened application diagram illustrates all connections for easy deployment
- Optional 19-inch rack frames hold up to three Taps
- Tested and compatible with all major manufacturers' monitoring devices, including 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

Output: 12V 1.5A

Dimensions: 1.125" high x 9.125" deep x 4.5" wide

Cable Interface:

Copper Cable Type:

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

Link Distance Supported: 100 meters

Connectors:

Monitoring Port (D): (1) RJ45, 8 pin connector

Monitoring/Active Response Port (C):

(1) RJ45, 8 pin connector

Network Ports (A and B): (2) RJ45, 8 pin connectors

Certifications:

Fully RoHS compliant

Part Number	Description
PAD-CU-AR	10/100 Active Response Dual Port Aggregator Tap
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.