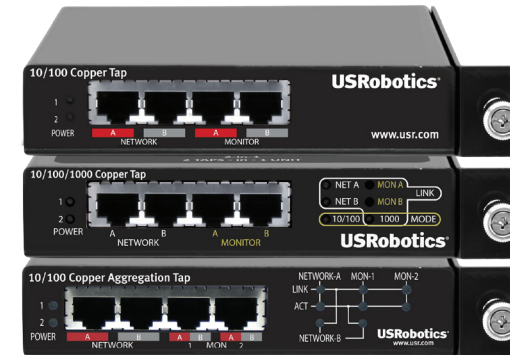
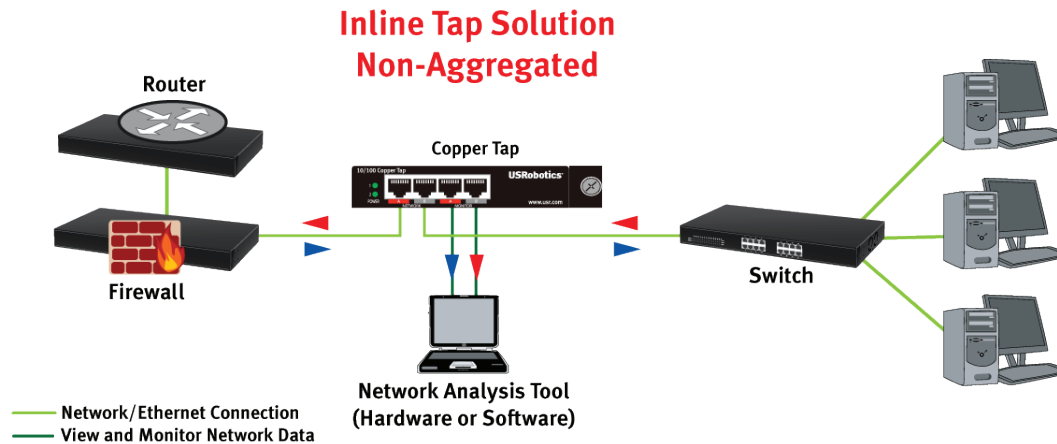


TAP Solutions from USRobotics

Inline Copper and Fiber TAPs

MONITOR NETWORK TRAFFIC WITH THE NEW USROBOTICS COPPER AND FIBER TAPs



What is a TAP?

- Test Access Port
- A network device that is placed on an Ethernet segment which can then provide a copy of that traffic for analysis with network tools like Wireshark and Snort or other monitoring products.
- Permanent point of access to gather network intelligence.

Why USR?

- Trusted name and reputation in the industry for over 30 years
- Technology that “just works”
- Wide distribution and channel networks for quick availability

Why use TAPs?

- Provide a secure 24x7 point of access for network tools or for troubleshooting
- Passive devices and will not be a single point of failure
- Make copies of data in real-time with very little or no traffic delay
- Physical layer devices and able to provide all traffic over that link for analysis
- Low cost and a highly reliable way to provide data non-intrusively to network tools
- Can be used to provide the physical layer traffic to other aggregation devices complementing the collection from a SPAN or Port Mirror captures for improved analysis
- Retain use of ports on network switches
- Improve network performance in conjunction with numerous software/hardware tools by leading brands.

Target Customers

- Companies who require 24x7 monitoring capability e.g. IDS, VoIP Recording etc.
- Service organizations who may need to “plug in” to conduct troubleshooting in support of an SLA agreement, avoiding SPAN or Port Mirror configuration of a switch or router which may be tied to a configuration change policy at the customer location
- Compliance Requirements where all data needs to be captured and analyzed - combination of tapping and SPAN/Port Mirrors combine
- Companies looking to reduce operational expenses and mitigate risk

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USRobotics®
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TAP features

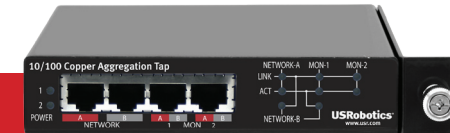
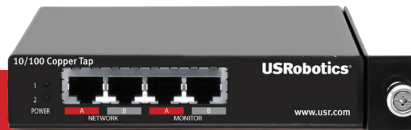
- Completely non-intrusive
- Redundant Power Supplies (non-fiber)
- Network traffic continues to flow even if power is lost to the tap
- Copper and Fiber; 10/100, 10/100/1000, 1G and 10G options

Non-Aggregated

- Full-duplex data capture of all traffic on a network link - data transferred to monitoring device in 2 half-duplex streams
- Require two Receive (RX) ports on the network tool interface to provide the ability to monitor both sides of the traffic

Aggregated

- Faultlessly combine 2 data streams, sending a single full-duplex data stream to the monitoring device
- Network Tool interface requires a single port capable of taking both a transmit and receive data stream
- Capable of providing data to two devices (ie. Snort or Wireshark)
- Passes traffic at line rate



Product Family

| Product | Media Type | Speed | Inline | Aggregated | Passive* (Doesn't Break Link) | Relay FAILOVER | Traffic Injection | Network Ports | Monitor Ports | Port Types | Pass Errors | Pass PoE | MSRP Price ex Vat |
|---------|------------|--------------------------|--------|------------|----------------------------------|-------------------|----------------------|---------------|---------------------------|------------------------|-------------|----------|----------------------|
| USR4501 | Copper | 10/100 | ● | NO | ● | n/a | NO | 2 | 2 Half Duplex | RJ45 | ● | ● | £300 |
| USR4502 | Copper | 10/100 1000 | ● | NO | ● (1G) NO | n/a (1G) ● | NO | 2 | 2 Half Duplex | RJ45 | ● | ● | £754 |
| USR4505 | Copper | 10/100 | ● | ● | ● | n/a | NO | 2 | 2 Full Duplex Connections | RJ45 | ● | ● | £645 |
| USR4506 | Copper | 10/100 | ● | ● | NO | ● | ● | 2 | 2 Full Duplex Connections | RJ45 | ● | NO | £691 |
| USR4511 | Fiber | 1000SX 1 Gig OC3 OC48 | ● | NO | ● | n/a | NO | 2 Tx/Rx pairs | 1 Rx Pair | 50um SC 50/50 split | ● | n/a | £361 |
| USR4512 | Fiber | 1000LX 1 Gig OC3 OC48 | ● | NO | ● | n/a | NO | 2 Tx/Rx pairs | 1 Rx Pair | 9um SC 50/50 split | ● | n/a | £361 |
| USR4515 | Fiber | 10 Gig SR OC3 OC48 | ● | NO | ● | n/a | NO | 2 Tx/Rx pairs | 1 Rx Pair | 50um SC 50/50 split | ● | n/a | £454 |
| USR4516 | Fiber | 10 Gig LR OC3 OC48 | ● | NO | ● | n/a | NO | 2 Tx/Rx pairs | 1 Rx Pair | 9um SC 50/50 split | ● | n/a | £454 |

* After installation

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