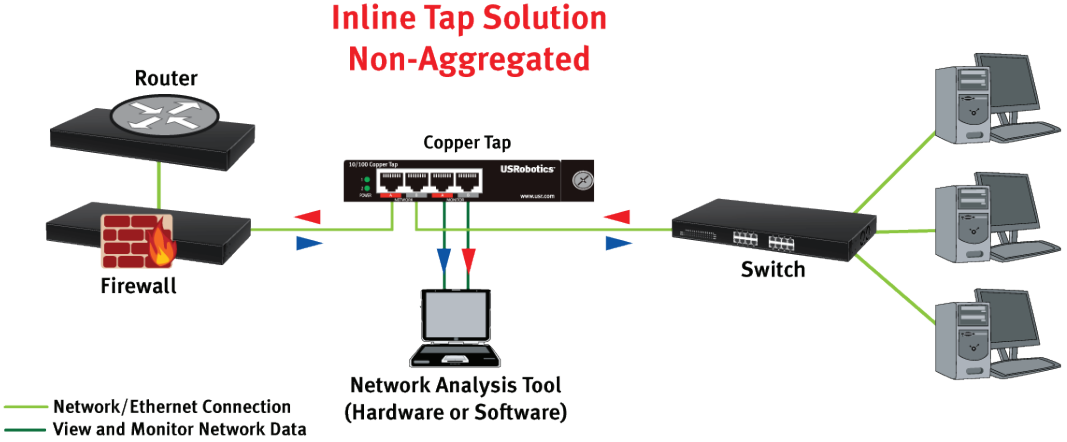
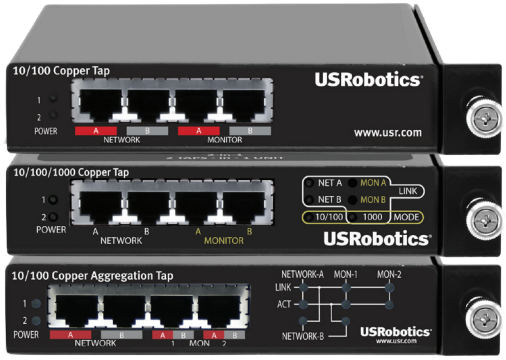
TAP Solutions from USRobotics

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

For more information please visit www.usr.com/taps

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TAP features

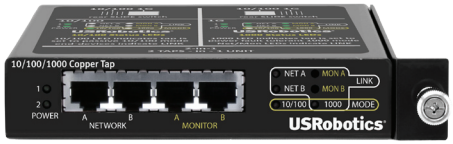
- Completely non-intrusive
- Redundant Power Supplies (non-fiber)
- Network traffic continues to flow even if power is lost to the tap
- Copper and Fiber; 10/100, 10/100/1000, 1G and 10G options

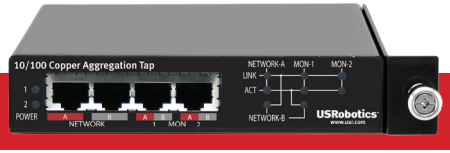
Non-Aggregated

- 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	Price
USR4501	Copper	10/100	●	NO	●	n/a	NO	2	2 Half Duplex	RJ45	●	●	$395
USR4502	Copper	10/100 1000	●	NO	● (1G) NO	n/a (1G) ●	NO	2	2 Half Duplex	RJ45	●	●	$995
USR4505	Copper	10/100	●	●	●	n/a	NO	2	2 Full Duplex Connections	RJ45	●	●	$845
USR4506	Copper	10/100	●	●	NO	●	●	2	2 Full Duplex Connections	RJ45	●	NO	$908
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	$479
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	$479
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	$595
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	$595

*** After installation**

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