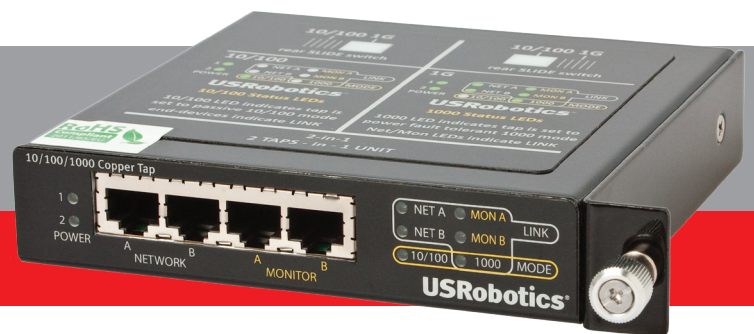The USRobotics 10/100/1000 Copper Tap provides easy 24 x 7 access to your Gigabit Ethernet segments. Ideal for security applications or anywhere you need non-intrusive dedicated access to your network links for real-time observation or monitoring. A convenient DIP switch on the back of the tap can be used to select auto-negotiation at 10/100 or fixed speed and duplexing settings at 1000Mbps. The 10/100/1000 Copper Tap's fault tolerant design will help ensure that network performance and integrity will not be affected by power loss.

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24x7 Access and Monitoring

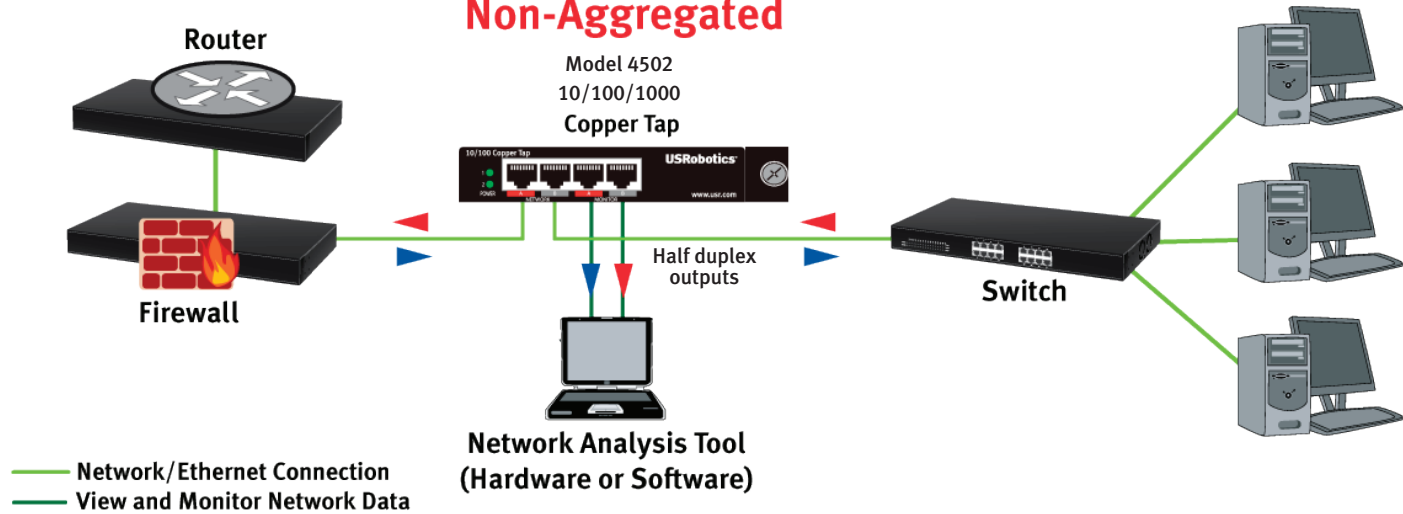|	
Monitoring & Analysis	• Captures all traffic and delivers a copy to a tool for analysis • 100% visibility into the network - including VLAN tags • View all traffic on both sides of full duplex links • Reduces degradation of switch performance due to port mirroring • View Layer 1 and 2 errors such as runts and CRC errors • Full duplex monitoring • Best method to measure network link's performance • Ideal for Security and Monitoring applications
Network Stability	• Ideal for 24x7 permanent access - eliminating the need to connect tools each time a link needs to be monitored • Non-intrusive way to connect a network tool • Fault-tolerant • Non-directional totally passive inline tap • Minimize traffic delay through the tap
Secure	• Invisible on the network in 10/100 mode • No single point of failure*
Simple installation	• Plug and play • Comes with convenient built-in rackmount or use an optional 1U rack mount kit for up to 3 devices. • 10/100/1000 BaseT compatible • Standard RJ45 connectors
Reliable Power	• Redundant power supplies insure seamless monitoring even if the main power source is unavailable • In the event of a power failure, the tap will continue to pass network traffic uninterrupted • Supports Power over Ethernet (PoE) on network Ports

Inline Tap Solution
Non-Aggregated

Router

Model 4502
10/100/1000
Copper Tap

Firewall

Half duplex
outputs

Switch

**Network Analysis Tool
(Hardware or Software)**

— Network/Ethernet Connection
— View and Monitor Network Data

MODEL 4502
10/100/1000 COPPER TAP

SPECIFICATIONS & STANDARDS

PHYSICAL
- Metal 1U chassis
- Eight LEDs (Power 1, Power 2, Network A Link, Network B Link, Monitor 1 Link, Monitor 2 Link, 10/100, 1000)
- Two RJ-45 10/100/1000 Ethernet Network Ports
- Two RJ-45 10/100/1000 Ethernet Monitor Ports
- Power Supply: 100-240VAC , 50-60HZ, 0.8A

ENVIRONMENTAL
- Temperature:
  - Operating Temperature: 0° to 40° C
  - Non-Operating Temperature: -30° to 65° C
- Humidity:
  - Less than 95% non-condensing operating or non-operating

REGULATORY & CERTIFICATIONS
- EN 50082-1 61000-4 Series
- EN 55022 Class B
- Low Voltage Directive 72-23-EEC (1993)
- CE approved
- RoHS Compliant
- WEEE Compliant

PACKAGE DIMENSIONS/WEIGHT
- 15.75 x 11.5 x 4.25 in (40.01 x 29.21 x 10.80 cm)
- 4.0 lbs. (1.81 kg)

PRODUCT DIMENSIONS/WEIGHT
- 1.10 x 5.75 x 5.75 in. (2.8 x 14.6 x 14.6 cm) with rack mount
- .95 lbs (.43 kg)

PACKAGE CONTENTS
- USRobotics 10/100/1000 Copper Tap with rackmount bracket
- 2 Power Supplies with power cords for US, UK/IRE, Europe

PRODUCT NUMBERS
- USR4502
- Optional 3 Unit 1U Tap Rack Mount Chassis USR4500-RMK

WARRANTY
- 2-year limited manufacturer warranty from date of purchase

USR4500-RMK - 1U Rack Mount Chassis holding up to 3 Taps

* To eliminate power as a single point of failure both power supplies must be used. The second power supply must be connected to a different external power source circuit than the first power supply.

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RoHS Compliant 2011/65/EU