

10/100-AT FASTstart Guide



What is included?

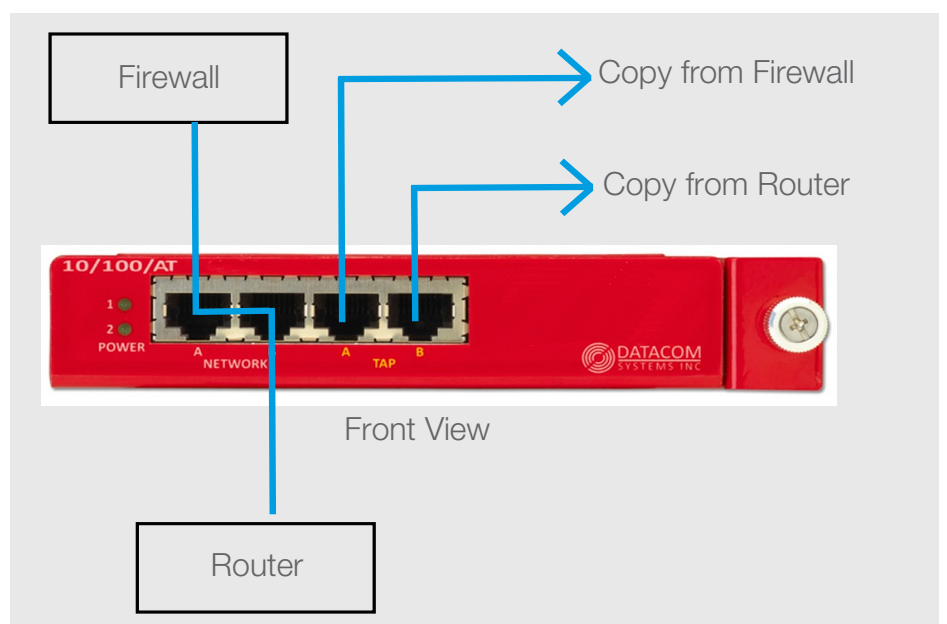
- (1) 10/100-AT w/ mounting bracket (for use with RMC-3 or RMC 12-3)
- (2) Power Supplies, Universal, can be used worldwide
- (2) AC Power Cables (connector, in most cases, matches the country where the product is shipped)
- (1) Download Card (tells where to download more product information)

The 10/100-AT Ethernet TAP from Datacom Systems will passively tap a single network link and make a copy of the traffic travelling in each direction. The copies will come out two separate ports. In our example below, we show a tapped connection between a firewall and a router.

Installation The 10/100-AT Network ports A and B are inserted between two directly connected network devices (i.e. firewall and router). Traffic will flow between these network ports even if the tap is not powered.

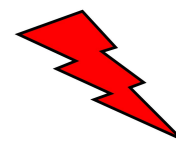
Connect your monitoring device to TAP (Monitor) port A. This port will transmit incoming traffic on Network port A.

Connect your monitoring device to TAP (Monitor) port B. This port will transmit incoming traffic on Network port B.



Passive

The TAP and any connected tools are invisible to the network. Minimal latency.



PoE

Supports PoE traffic over network ports using signal pairs 1,2,3, and 6.

Features

- The firewall and router are “passively” tapped using an inductive tapping mechanism.
- Loss of power to the tap will have no impact on the network link, with no loss of packets.
- No link interruption will occur on the link between the Firewall and Router during power resets.
- Supports Power over Ethernet (PoE) over the network ports.
- Minimal latency incurred on network link. (<25nanoseconds)

Installation Notes

- A cross over cable may be necessary on one of the Network ports, Network port B is recommended.
- MDI-X may need to be turned off on some network devices connected to the tap for proper communication.
- Power supplies should be connected to outlets with different circuit breakers to maintain maximum monitoring uptime.
- The total cable length between network devices should not exceed 90m (max Cat 5e/6 distance) with the tap in between.
- Rack mounts (RMC-3 or RMC 12-3) are available separately to mount 3 units horizontally or 12 units vertically.

Find out more. Visit
www.datacomsystems.com

For More information

Customer Service is available from our website: www.datacomsystems.com or by calling +1 315 463 9541