

USB Powered 1-to-3 Ethernet Regeneration TAP

[Highlights]

- **Inline traffic regeneration across 3 monitor ports**
- **PoE Pass-Through between two Inline ports**
- **USB Powered**

[Description]

Dualcomm's patent pending 1-to-3 Ethernet Regeneration TAP ETAP-1105 (10/100 model) or ETAP-2105 (10/100/1000 model) provides a portable and cost-effective solution for enabling multiple network traffic monitoring stations to capture and monitor the same data traffic of a single network segment simultaneously. Specifically, ETAP-1105/2105 offers a unique set of functionalities and features as described below:

1-to-3 Full-Duplex Traffic Replication (Fig. 1)

ETAP-1105/2105 replicates the full-duplex traffic running between the two inline ports of ETAP-1105/2105 across its three monitor ports, allowing connections of up to three monitoring stations to the three monitor ports to perform various network traffic monitoring tasks simultaneously on the same full-duplex inline traffic.

1-to-4 Port Replication (Fig.2)

ETAP-1105/2105 also can be used as a 1-to-4 port Replicator, replicating the ingress traffic of an inline port to all the other 4 network ports.

Power-over-Ethernet Pass-Through

ETAP-1105/2105 enables the pass-through of PoE inline power between its two inline network ports. As such, deployment of ETAP-1105/2105 inline between an Power Source Equipment (PSE) and an PoE powered device (PD) will not prevent the PD from receiving PoE inline power from the PSE.

USB Powered

ETAP-1105/2105 is designed to be conveniently powered by a USB port of a computer or any other USB host device. As such a user will have one less AC/DC power adapter to carry and one less AC outlet to hunt for.

10/100 Model



ETAP-1105

10/100/1000 Model



ETAP-2105

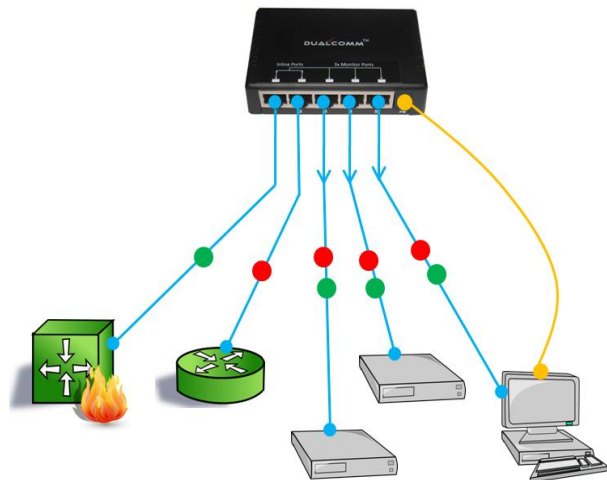


Fig. 1: Replicating inline traffic to three monitoring stations

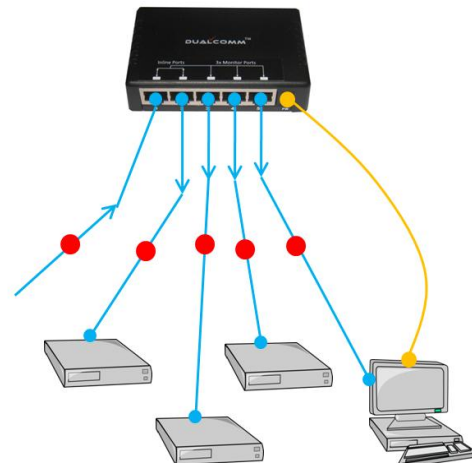


Fig. 2: Replicating ingress traffic to four monitoring stations