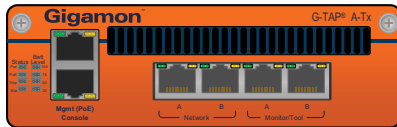


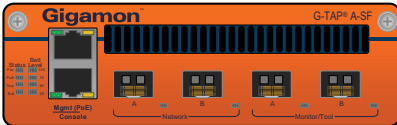
# PRODUCT BRIEF

## G-TAP A Series

Active Network TAPs



G-TAP A-TX (front)



G-TAP A-SF (front)

### Quick Specs

- Active, managed TAPs
- AC, DC, PoE and battery power
- Optical wavelength conversion
- Fall-to-wire for 10/100/1000M Copper

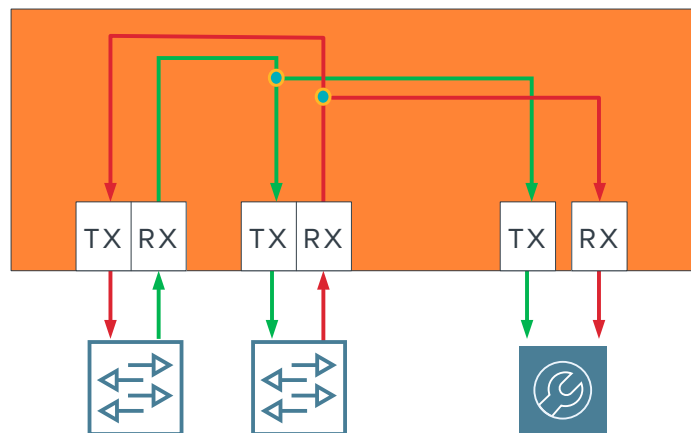
## Active Network G-TAP System

The G-TAP A Series is a line of active network TAPs designed with the Gigamon Always On architecture. This one-of-a-kind architecture eliminates network link downtime on network connections through the use of up to four power sources, including PoE, AC, DC and on-board battery backup. While using any of the primary forms of power the unique design of the G-TAP A Series constantly charges the integrated backup battery, which allows it to assume power load in the event of primary power failure. This eliminates link downtime associated to link renegotiation on the end devices connected to the TAP.

G-TAP A Series devices also provide intelligent management capabilities that monitor link states of connected devices, and the power state of all forms of power. In the event that primary power is lost, SNMP traps alert users that the TAP is utilizing the backup battery. The SNMP traps are re-triggered as battery levels drop to ensure rapid alert and renewal of the primary power source, eliminating further network downtime.

The G-TAP A Series' intelligent monitoring also offers an added level of network security to your network, by providing SNMP trap alerts when existing links are removed, or when new links are added. The GigaVUE-A Series includes copper and fiber TAPs including:

- G-TAP-ATX – Always On Copper TAP
- G-TAP-ASF – Always On SFP/SFP+ TAP



## Features and Benefits

- Powerful traffic mirroring capabilities — Mirrors 100 percent of network traffic, including errors, non-standard network traffic, and network packets that do not conform to established protocol standards enabling detailed analysis, security and monitoring
- Supports 1Gb and 10Gb interfaces — Supports either fixed copper RJ45 or SFP+ connections to include both 1Gb and 10Gb
- Fabric extender TAP capabilities — Provides mirroring capabilities for SFP+ based Direct Attach Copper (DAC), Twinax or Active Optical Cables (AOC) that normally cannot be tapped
- Primary power — Supplies primary power via AC, DC or Power over Ethernet (PoE)
- Backup battery power — Maintained for up to one hour, eliminating link renegotiation delay due to power loss
- SNMP traps — Report changes in link state, power sources and battery levels
- Power supply tray integration — Integrates with 1RU AC or DC power supply trays capable of powering up to eight fully-loaded, three-across rack mount trays (up to 24 separate TAPs)

## Use Cases

- Fault tolerant for network links providing full-duplex traffic to attached monitoring
- Active monitoring of link state and power levels to ensure uptime and connectivity
- Easy integration with the full GigaVUE® platform family