

100M/1G Copper Portable Aggregating Universal TAPs

Universal Functionality Supports: Breakout | Aggregation | Regeneration/SPAN | Bypass Modes



Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. Aggregating TAPs are used to capture 100% full duplex traffic; the traffic can then be sent to multiple monitor appliances to analyze your network. Aggregating TAPs are purpose-built hardware devices that let you see every bit, byte and packet.®





Universal functionality on this TAP supports breakout, aggregation, regeneration/SPAN and bypass modes, allowing you to fully deploy and manage your monitoring and security appliances and guarantee 100% network uptime.

Key Features

- Aggregating Universal TAPs are fully configurable and support multiple modes: breakout, aggregation, regeneration/SPAN and bypass.
- Portable, Plug & Play.
- 1U Rack Mount can hold up to four portable TAPs.
- Heartbeat Packets are sent out of each monitoring port. If the heartbeat packets are not received from either direction, then Bypass Mode takes effect. Heartbeat packets are never sent out onto the live network.
- Supports link failure propagation (LFP).
- Power over Ethernet (PoE)
- Network Failsafe recognizes power outages and automatically closes the relay circuitry in less than eight milliseconds then reconnects the two network devices connected to ports A and B.
- Easy configuration; switches on back.
- Supports Jumbo frames.
- Passes physical errors
- Supports packet injection in aggregation mode.
- 100% secure and invisible; no IP address, no Mac address; cannot be hacked.
- Made, tested and certified in USA.





Solutions

In-Band

-  Next-Generation Firewalls
-  Data Leakage Prevention
-  Intrusion Prevention System
-  WAF

-  Distributed Denial of Service Appliances
-  Security Information and Event Management (SIEM)

Out-of-Band

-  Analyzer
-  Forensics
-  Intrusion Detection System
-  Wireshark

APPLICATIONS:

- Breakout mode: Use for full utilization to capture 100% traffic.
- Aggregation mode: Capture 100% full duplex traffic to a single monitoring port.
- Regeneration/SPAN mode: Replicate network traffic to three ports.
- Bypass mode: Monitor the health of inline appliances - and - take inline appliances off-line for maintenance.
- TAP once: Test and validate in-band security appliances off line then deploy out-of-band.

TECHNOLOGY PARTNERS:

Garland Technology's Universal TAPs have been approved for use by:



Competitive Edge

- Portable, Plug & Play design
- Supports breakout, aggregation, regeneration/SPAN and bypass modes.
- Tested and Certified
- Noiseless, no fans
- FPGA Design



Have Questions?

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Model #	Network Speed	Media		Modes				Packet Injection Support
		Network	Monitor	Breakout	Aggregation	Regeneration/ SPAN	Bypass	
P1GCCBP	100/1000M	2 Copper-RJ45	2 Copper-RJ45	Yes	Yes	Yes	Yes	Yes
P1GCSBP	100/1000M	2 Copper-RJ45	2 SFP	Yes	Yes	Yes	Yes	Yes
P1GCCBPPOE+	100/1000M	2 Copper-RJ45	2 Copper-RJ45	Yes	Yes	Yes	Yes	Yes
P1GCSBPPOE+	100/1000M	2 Copper-RJ45	2 SFP	Yes	Yes	Yes	Yes	Yes
RMP-1U	1U Rack Mount Kit - Hold up to 4 Portable TAPs							

Additional Specifications

Voltage: 5 DC

Current: 1.74 Amps

Max. Consumption: 8.7 Watts

Ambient Temp.: 0C to +40C / +32F to +104F

Operating Re. Humidity: 90% non-condensing

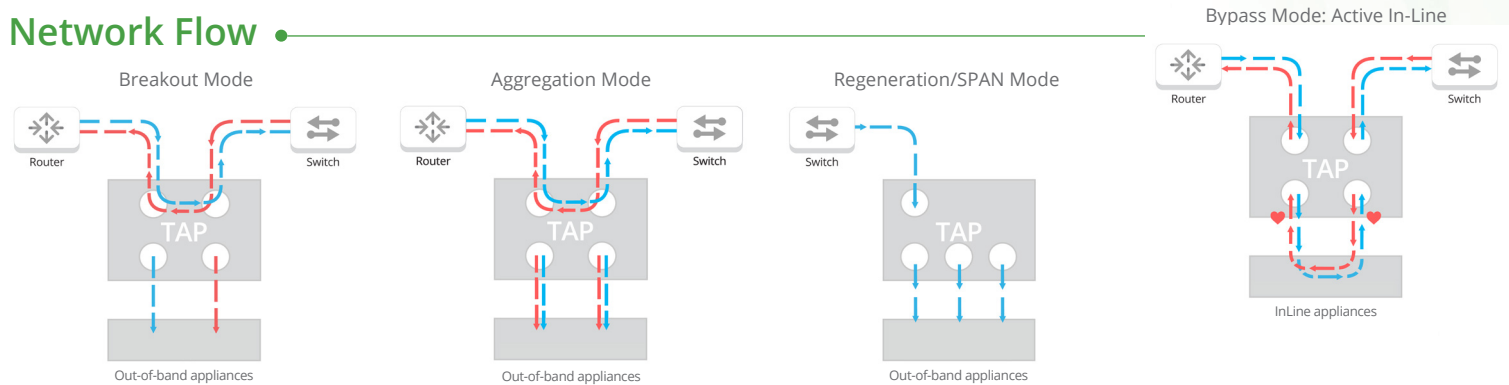
Dimensions (HxWxD):

1.15" x 3.9" x 6.5"

(29.21mm x 99.06mm x 165.10mm)

Weight: 0.7lbs (0.317kg)

Network Flow



Use Case

