GARLAND TECHNOLOGY

See every bit, byte, and packet®

DATA SHEET

Copper Aggregator Universal Network TAPs

100M/1G | Portable | Supports TAP "Breakout," Aggregation, Regeneration/SPAN and 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.
- 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.
- Supports link failure propagation (LFP).
- Power over Ethernet (PoE)
- Bypass Mode: 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.
- 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.

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.

SOLUTIONS:

Active, In-Band

- NGFW — Next-Generation Firewalls
- DLP — Data Leakage Prevention
- IPS — Intrusion Prevention System
- DDoS — Distributed Denial of Service Appliances
- SIEM — Security Information and Event Management (SIEM)
- WAF — WAF

Monitoring, Out-of-Band

Network Analyzer · IDS · Wireshark · Forensics

Competitive Edge

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

TESTED CERTIFIED GUARANTEED

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

Copper Aggregator Universal Network TAPs

100M/1G | Portable | Supports TAP "Breakout," Aggregation, Regeneration/SPAN and Bypass modes

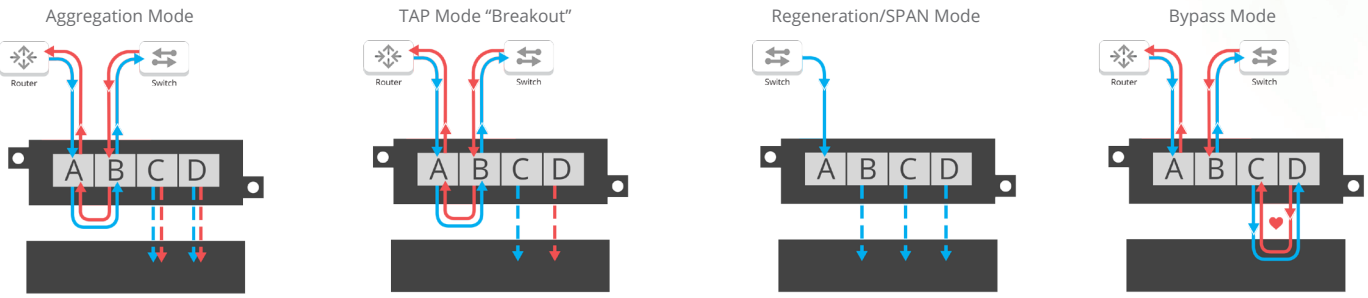
Model #	Network Speed	Media		Modes				Packet Injection Support*
		Network	Monitor	Breakout	Aggregation	Regeneration/ SPAN	Bypass	
RMP-1U		1U Rack Mount Kit - Hold up to 4 Portable TAPs						
P1GCCBP	100/1000M	2 Copper-RJ45	2 Copper-RJ45	Yes	Yes	Yes	Yes	Yes
P1GCSBP	100/1000M	2 Copper-RJ45	2 SFP	Yes	Yes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

*Packet injection is only supported in Aggregation mode

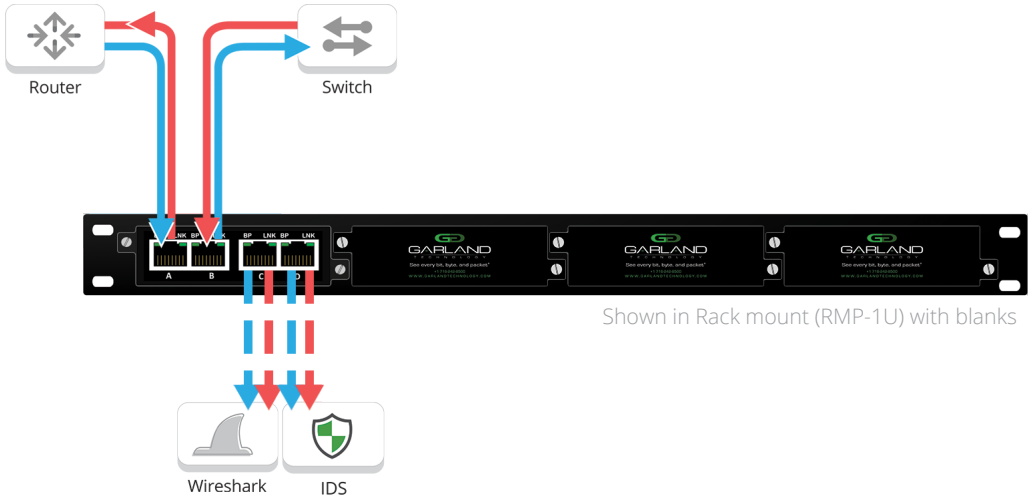
Additional Specifications

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

Network Flow



Use Case



Shown in Rack mount (RMP-1U) with blanks

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