GARLAND
TECHNOLOGY

See every bit, byte, and packet®

XtraTAP™: 10G Portable Packet Broker

1G / 10G | Portable | Advanced TAP Filtering | Media Conversion | Remote management

Visibility starts with the packet. A network TAP (test access point) is a hardware device that allows you to access and monitor your network traffic by copying packets without impacting or compromising network integrity.

The XtraTAP™: Portable Packet Brokers are purpose-built active network TAPs that support filtering, tap 'breakout,' aggregation, bypass and regeneration/SPAN modes guaranteeing your tools see every bit, byte, and packet.®

This advanced TAP with Packet Broker functionality provides the ultimate flexibility and ease of use for a range of solutions, including media conversion, port configuration, and easily filtering out the traffic that is not used or filtering only the traffic needed to monitor, optimizing the tools performance. Filtering reduces the process burden on the tool with unneeded data.

APPLICATIONS

• Provide full duplex traffic

• Deliver packet broker functionality for a single-link

• Improve tool functionality by optimizing traffic and reducing processing burden

• Filter and aggregate traffic to monitoring/analyzer tools

• Remotely manage port utilization

SOLUTIONS

XtraTAPs are ideal for:

Wireshark | IDS | APM | Forensics

Network Analyzer | Lawful Intercept

Key Features

- Provide 100% full duplex traffic visibility
- Four port SFP+ design
- Ultimate flexibility: Configure TAP modes, ports, speeds and the media you need
- Advanced filtering for Layer 2, Layer 3 and Layer 4
- Media Conversion
- Set utilization alerts to avoid oversubscription
- Supports tap filtering, 'breakout,' aggregation, and regeneration/SPAN modes
- 100% secure and invisible; no IP address, no MAC address; cannot be hacked
- Supports jumbo frames
- 1U rack mount holds up to 4 portable TAPs
- SNMP V2c/V3
- Simple easy to use GUI management
- Made, tested and supported in the USA

Competitive Edge

• Industry leading advanced TAP filtering

• Easy port configuration

• Flexible design supports breakout, aggregation, regeneration/SPAN, and filtering modes

• Exclusive remote management

• Tested and Certified

TESTED CERTIFIED GUARANTEED

Have Questions?

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Design-IT Demo
garlandtechnology.com/design-it

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Model #	Ports	Network Speed	Ports	Filtering	Breakout	Aggregation	Regeneration/SPAN	Bypass
RMS-1U-V2		1U Rack Mount Kit - Holds up to 4 Portable TAPs						
P10GSFPBPFE		1/10G	4 SFP+	Yes	Yes	Yes	Yes	Yes

Additional Specifications

Voltage: 5V DC +/-5%
Current: < 6 Amps
Max. Consumption (Fiber SFP): < 15 Watts
Max. Consumption (Copper SFP): < 22 Watts
Ambient Temp.: 0C to +40C / +32F to +104F
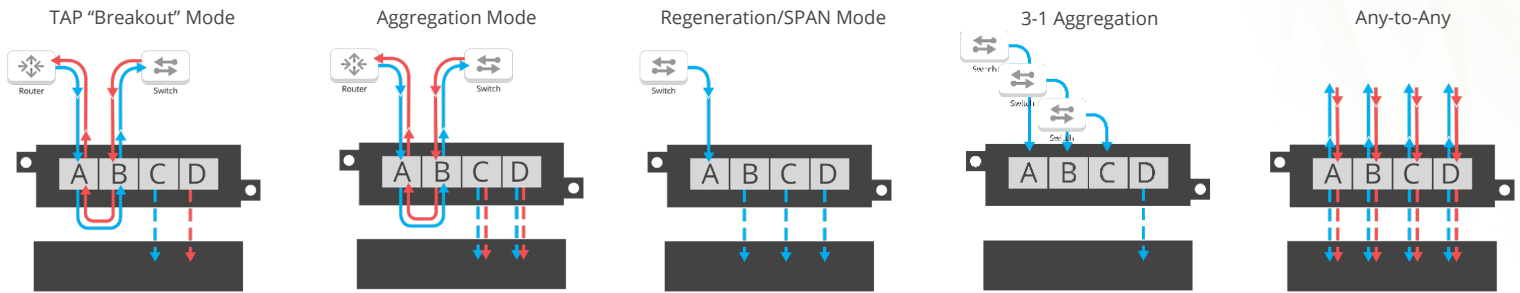**Operating Re. Humidity:** 90% non-condensing

Dimensions (HxWxD): 1.3" x 3.9" x 9.43"
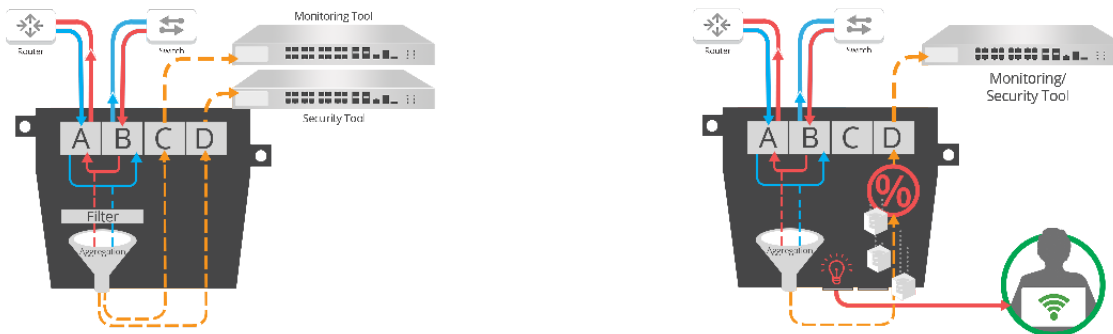(33.02mm x 99.06mm x 239.522mm)
Weight: 1.0 lbs (0.453592kg)
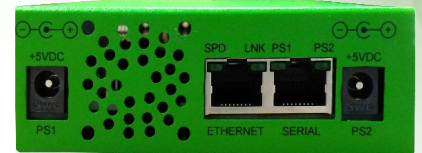
Back view of portable TAP
with serial and ethernet remote management.

Network Flow

TAP "Breakout" Mode   Aggregation Mode   Regeneration/SPAN Mode   3-1 Aggregation   Any-to-Any

Use Cases

XtraTAP™: All-In-1 support 10G of traffic on each network link

Remote Management of Filtering and Aggregation Functions

Filter and aggregate packets to two out-of-band network tools. Remotely manage filtering rules as needed.

Never Oversubscribe Ports

Set utilization alerts (user sets the percentage) on each monitoring port to avoid oversubscribtion. Remotely change TAP mode to breakout when utilization alert is triggered and/or filtering rules.