

Portable Packet Broker

A compact network TAP with packet broker capabilities.



The Portable Packet Broker provides a range of network TAP (test access point) and network Packet Broker functionalities in a compact chassis for mid-size IT networks. It can be deployed at the main datacenter or at branch locations. Mirror network traffic and set filters to control traffic sent to connected network tools. Easily set-up, configure, and manage with a user-friendly GUI to ensure full visibility into the desired network data. Enjoy zero license or per port fees for the life of the product. The XtraTAP will not affect the performance of the network.

POWERFUL

- 4 TAP modes
- Filters Layers 2, 3, and 4
- Dozens of use cases

VERSATILE

- Four (4) SFP+ Ports
- Ports are 1G/10G
- Compatible with MSA compliant SFP+ transceivers

COMPACT

- Portable Durable Metal Chassis
- Height 1.3" x Width 3.9" x Depth 9.43"
- Weighs 1.0 lb

CERTIFICATIONS

- TAA compliant
- RoHS3
- SVHC
- Country of Origin: USA

Ordering Information

Product Name	Part #	Product Description
Portable Packet Broker	P10GSFPBPFE	Garland Technology Portable Packet Broker 1/10G Filtering TAP: (4) SFP+ Ports, 2AC

Deployment Benefits

Network TAP

- Passes all network traffic between connected devices.
- Sends 100% full duplex copies of network packets to monitoring tools with no dropped packets.
- Breakout Mode (or "TAP Mode") - send each side of traffic to separate monitoring ports.
- Aggregation Mode - merge both sides of the traffic streams into one monitoring port to create multiple copies of network data to support multiple devices from a single connectivity point.
- Regeneration/SPAN Mode - create multiple copies of network data to support multiple devices from a single connectivity point like a SPAN link.
- Bypass Mode - manage the availability of an inline tool any time without having to take down the network or impact business availability for maintenance or upgrades.
- Supports jumbo frames.

Packet Broker

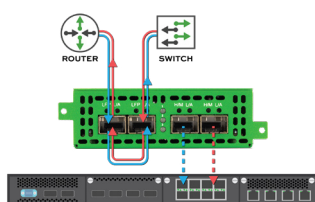
- Create rules to filter Layers 2, 3, 4 to analyze specific traffic.
- Set up to 500 filters.
- Set utilization alerts to avoid over-subscribing tools.
- Supports the use of SNMP for pulling performance data.

Media Conversion

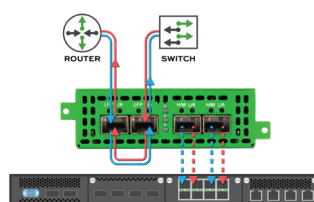
- Convert media from 1G to 10G and from 10G to 1G.

Management

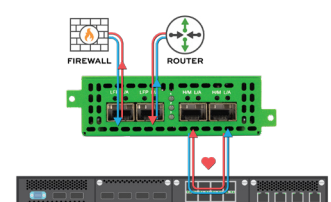
- Includes a management GUI that is effective and simple to use.
- Drop and drag interface to set-up filters.
- LED lights on front of the packet broker indicate modes and functions.



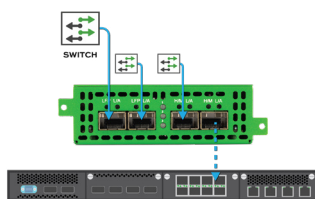
TAP "Breakout" Mode



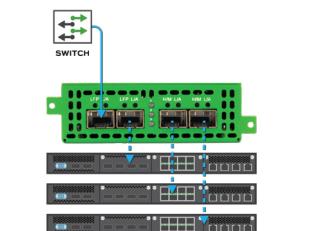
Aggregation Mode



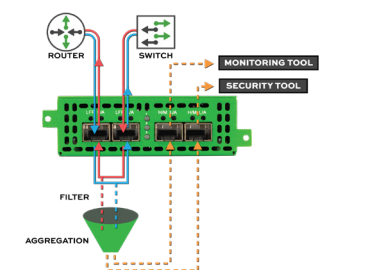
Bypass Mode



3-1 Aggregation



Regeneration/SPAN Mode

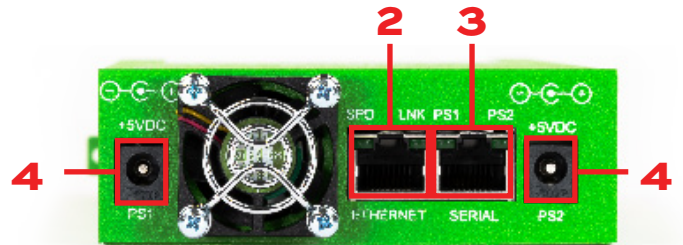
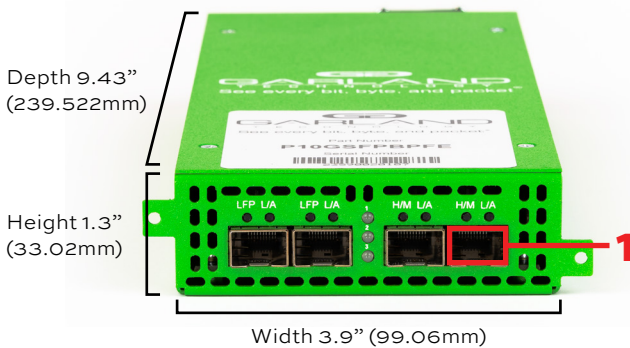


Remote Management of Filtering and Aggregation Functions



HARDWARE KEY

1. 4x SFP+ 1G/10G Ports
2. Ethernet Port
3. Serial Port
4. Dual Power Supplies - 5V each



SPECIFICATIONS

- Voltage: 5V DC +/-5% (redundant power supplies)
- Current: < 6 Amps
- Max. Consumption (Fiber SFP): < 15 Watts
- Max. Consumption (Copper SFP): < 22 Watts
- Ambient Temp.: 0°C to +40°C / +32°F to +104°F
- Operating Re. Humidity: 90% non-condensing
- Weight: 1.0 lbs (0.453592kg)

PACKAGE CONTENTS

- One (1) P10GSFPBPFE
- Two (2) Power Cords
- Three (3) Screws (only 2 are needed to install; extra screw included)
- One (1) Serial Cable
- The Blade(s) ordered based on geography

Warranty

Garland Technology's standard, manufacturer's warranty covers the first twelve months of product ownership. Extended Return to Factory (RTF) and Premium Technical Support (PTS) warranty plans are available for purchase for supplemental and/or additional coverage options in annual increments.

Design-IT Demo

Have a complimentary technical discussion about your network, goals, challenges, and upcoming projects with a Garland Technology Engineer. After the meeting, you will receive a professionally-designed solution diagram you can use to consider options with your colleagues.



Accessories

Part #	Product Description
RMS-1U-V2	1U Rack Mount Kit - Hold up to 4 Portable TAPs
SFP+-10GBiDi-1270-1330	10GBASE-BX SFP+ 1270nm-TX/1330nm-RX 10km DOM Transceiver Module
SFP+-10GBiDi-1330-1270	10GBASE-BX SFP+ 1330nm-TX/ 1270nm-RX 10km DOM Transceiver Module
SFP+LR	SFP+ Dual Speed 1Gigabit-LX / 10Gigabit-LR Single Mode Fiber LC Connector
SFP+LR10G	SFP+ 10Gigabit-LR Single-Mode Fiber LC Connector
SFP+LRM10G	SFP+ 10Gigabit-LRM Multi-mode Fiber 1310nm Wavelength, up to 220m LC Connector
SFP+SR	SFP+ Dual Speed 1Gigabit-SX / 10Gigabit-SR Multi-Mode Fiber LC Connector
SFP+SR10G	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector
SFP+T	SFP+ Triple Speed 100M/1G/10G Copper RJ45 Connector
SFP+ZR80	SFP+ 10Gigabit-ZR 80Km Single Mode Fiber LC Connector
SFP-1GBiDi-1310-1550	1000BASE-BX BiDi SFP 1310nm-TX/1550nm-RX 10km DOM Transceiver Module
SFP-1GBiDi-1550-1310	1000BASE-BX BiDi SFP 1550nm-TX/1310nm-RX 10km DOM Transceiver Module
SFP-EX40km	SFP 1000Base-EX Single Mode Fiber 1310nm 40km LC Connector
SFP-EX90km	SFP 1000Base-EX Single Mode Fiber 1550nm 90km LC Connector, -10/70°C operation
SFP-FX	SFP 1310nm LED, 100BASE-FX, MM OC-1/OC-3, LC connector, 40/85°C operation, 2km
SFP-LX	SFP 1000Base-LX Single Mode Fiber LC Connector
SFP-LX-WB	Wide-band SFP 1000Base-LX Single Mode Fiber LC Connector
SFP-SX	SFP 1000Base-SX Multi-Mode Fiber LC Connector
SFP-TX	SFP 10/100/1000 Copper RJ-45 Connector
SFP-TX1G	SFP 1 Gigabit-TX Copper RJ-45 Connector
SFP-ZX	SFP 1Gigabit-ZX Single Mode Fiber 1550nm Wavelength, 90KM, LC Connecto
TWINAX10M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 10 Meter
TWINAX1M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Pre-Cut Meter
TWINAX3M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 3 Meter
TWINAX5M	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 5 Meter



Have Questions?

sales@garlandtechnology.com | +1 716.242.8500 | GarlandTechnology.com

