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™: Packet Broker is a purpose-built hardware device that supports passive network tapping combined with advanced filtering, aggregation and load balancing, guaranteeing your tools see every bit, byte, and packet.

This 1/2 rack compact network TAP Packet Broker hybrid, is designed to provide packet visibility and optimize network traffic, to improve security and monitoring tool performance, while saving rack space. Filtering and load balancing reduces the process burden on tools with unneeded data. Providing optimized tapped traffic for multiple tools.

Key Features

- One (1) 1G/10G passive network TAP
- (10) 1G/10G ports with packet broker functionality for out-of-band monitoring appliances
- Supports filtering, aggregation, load balancing and regeneration
- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring
- Dual AC or DC hot swappable power supplies.
- Simple easy to use GUI management
- Rest API for integration
- Made, tested and supported in the USA

Filter Features

- 900 ingress filters and 256 egress filters (full line rate filtering)
- Configurable filters and Egress port filtering
- User defined filters for Layer 2, 3, and 4
- IPv4 and UDF Filter support
- IPv4, MAC, L4Port, VLAN, Ethertype, IP protocol
- Supports MPLS tagging and stripping, single and stacked
- Supports VLAN tagging and stripping, QinQ support
- Packet modification - VLAN Tagging

APPLICATIONS

- TAP 10G links and deliver data to 1G, 10G tools — get more ROI out of your 1G tools
- High Density filtering, aggregation, and load balancing
- Improve tool functionality by optimizing traffic and reducing processing burden
- Easily monitor Ethernet Channel links

Competitive Edge

- Industry leading advanced TAP filtering and TAP aggregation
- Easy port configuration
- Unique hybrid design
- Exclusive easy remote management
- Tested and Certified

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

Design-IT Demo
garlandtechnology.com/design-it
**Power Supply options**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS10-HS-DC</td>
<td>Hot Swappable DC -48vdc Power Supplies</td>
</tr>
<tr>
<td>PS10-HS-AC</td>
<td>Hot Swappable AC Power Supplies *Two included with each XtraTAP order</td>
</tr>
</tbody>
</table>

Two (2) power supplies are required for each chassis

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**Available Pluggables & Cables:**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFPTX</td>
<td>SFP 10/100/1000 Copper RJ-45 Connector</td>
</tr>
<tr>
<td>SFP5X</td>
<td>SFP 1000base-SX Multi-Mode Fiber LC Connector</td>
</tr>
<tr>
<td>SFPLX</td>
<td>SFP 1000base-LX Single Mode Fiber LC Connector</td>
</tr>
<tr>
<td>SFP+SR</td>
<td>SFP+ Dual Speed 1 Gigabit-SX / 10 Gigabit-SR Multi-Mode Fiber LC Connector</td>
</tr>
<tr>
<td>SFP+LR</td>
<td>SFP+ Dual Speed 1 Gigabit-LX / 10 Gigabit-LR Single Mode Fiber LC Connector</td>
</tr>
<tr>
<td>SFP+SR10G</td>
<td>SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector - only supports 10G</td>
</tr>
<tr>
<td>SFP+LR10G</td>
<td>SFP+ 10Gigabit-LR Multi-Mode Fiber LC Connector - only supports 10G</td>
</tr>
<tr>
<td>TWINAX1M**</td>
<td>Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Meter</td>
</tr>
</tbody>
</table>

**Also available in 5 and 10 meters.**

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**1/2 Rack 1U Chassis Specifications:**

Support for: SFP (SX, LX and TX) and SFP+ (SR, LR, ER)

Operating Temp: 0 to 40° C or 32 to 104° F

Operating Humidity: 5 to 95%

Dimensions: 17.5" L x 1.72" H x 8.25" W

(444.5mm L x 43.68 mm H x 209.55mm W)

Airflow: 50 IF/m

(2) AC Power Supplies Included

**APPROVALS:**

Full RoHS compliance

EMC, FCC Class A, UL (Safety) Certifications