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™: All-In-1 are purpose-built active network TAPs that support filtering, tap ‘breakout,’ aggregation, 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, 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.

Key Features •

• Provide 100% full duplex traffic visibility
• Advanced filtering for Layer 2, Layer 3 and Layer 4
• Set utilization alerts to avoid oversubscription
• Media Conversion (SR, LR, SFP+ / Rj45, SX, LX, SFP)
• 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

APPLICATIONS

• Provide full duplex traffic
• Improve tool functionality by optimizing traffic and reducing processing burden
• Filter and aggregate traffic to monitoring/analyze tools
• Remotely manage port utilization

SOLUTIONS

XtraTAPs are ideal for:

• Competitive Edge
  • Industry leading advanced TAP filtering
  • Flexible design supports breakout, aggregation, regeneration/SPAN, and filtering modes
  • Exclusive remote management
  • Tested and Certified

Have Questions?

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+716.242.8500
garlandtechnology.com
Design-IT Demo
garlandtechnology.com/design-it
XtraTAP™: 10G All-In-1
1G / 10G | Portable | Advanced TAP Filtering | Media Conversion | Remote management

### XtraTAP: 10G All-In-1 [Portable Filtering]

<table>
<thead>
<tr>
<th>Model #</th>
<th>Ports</th>
<th>Network Speed</th>
<th>Network</th>
<th>Failsafe</th>
<th>Filtering</th>
<th>Breakout</th>
<th>Aggregation</th>
<th>Regeneration/SPAN</th>
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<tbody>
<tr>
<td>P10GSSFE-5</td>
<td></td>
<td>1/10G</td>
<td>LR Single mode Fiber / SFP+</td>
<td>Passive</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
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<td>1/10G</td>
<td>LR Single mode Fiber / SFP+</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
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<td>LR Single mode Fiber / SFP+</td>
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<td>Yes</td>
<td>Yes</td>
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<tr>
<td>P10GMSFE-5</td>
<td></td>
<td>1/10G</td>
<td>SR Multi-mode Fiber / SFP+</td>
<td>Passive</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>P10GMSFE-6</td>
<td></td>
<td>1/10G</td>
<td>SR Multi-mode Fiber / SFP+</td>
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<td>1/10G</td>
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<td>Passive</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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Custom split ratios are available in 80/20 or 90/10, please inquire.

### XtraTAP: 10G Portable Packet Broker [Portable Filtering]

<table>
<thead>
<tr>
<th>Model #</th>
<th>Ports</th>
<th>Network Speed</th>
<th>Ports</th>
<th>Filtering</th>
<th>Breakout</th>
<th>Aggregation</th>
<th>Regeneration/SPAN</th>
<th>Bypass</th>
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</thead>
<tbody>
<tr>
<td>P10GSFPBPFE</td>
<td></td>
<td>1/10G</td>
<td>4 SFP+</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Additiona Specifications**

- **Voltage:** 5V DC +/- 5%
- **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

**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**

- **Filtering**
- **TAP “Breakout” Mode**
- **Aggregation Mode**
- **Regeneration/SPAN Mode**