Network test access points (TAPs) are hardware tools that allow you to monitor and access your network. Garland's Inline Edge Security Bypass TAPs (active TAPs) are typically used with inline security appliances such as next generation firewalls and intrusion prevention systems. All bypass TAPs are purpose-built hardware devices that let you see every bit, byte and packet.

Bypass TAPs are used to connect a monitored network segment to an inline active appliance and monitor the appliance's health. If your appliance goes off line for any reason the Bypass TAP will automatically switch to 'bypass mode' keeping your network up while you to resolve the issue.

The EdgeSafe™ Bypass TAP supports bypass, breakout, aggregation and regeneration modes.

**Key Features**

- TAP any 10G links and convert to SR, LR, or ER
- TAP both 40G-SR4, and 40G-LR Links
- Take your appliance offline without interrupting data traffic for: updates, maintenance and troubleshooting.
- Guarantee 100% production network uptime with configurable appliance heartbeat and dual, field-replaceable power supplies
- House up to (6x10G) TAPs in a 1U chassis.
- House up to (3x40G) TAPs in a 1U chassis.
- Configurable Heartbeat Packets
- Configurable Heartbeat resolution
- Supports both Local and remote management
- Support for packet injection, jumbo frames, link failure propagation with TACACS, SNMP and Syslog
- Each of the 3 Modules is field replaceable
- Designed, tested and certified in the USA

**APPLICATIONS:**

- Media conversion for 10G
- Monitor 6 inline 10G appliances with failover protection
- Monitor 3 inline 40G appliances with failover protection
- Supports breakout, aggregation and bypass modes.

**SOLUTIONS:**

40G/10G Bypass TAPs are ideal for:

- Next-Generation Firewalls
- Data Leakage Prevention
- Intrusion Prevention System
- Web Application Firewall
- Distributed Denial of Service Appliances
- Security Information and Event Management (SIEM)

**Competitive Edge**

- Guarantee network uptime for up to 6 inline appliances with fail over
- Convert 10G fiber media
- TAP both 40G/10G Links with a single appliance
- Configurable Heartbeat Resolution
- Bypass TAP Invented by Jerry Dillard, CTO and Co-Founder
- Tested and Certified
**Chassis System**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M40G1AC</td>
<td>40G/10G-1U Chassis System: Supports up to 3 modular Bypass TAPs. Dual internal AC power supplies.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Bypass TAP Module</th>
<th>Media</th>
<th>Modes</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Network</td>
<td>Monitor</td>
</tr>
<tr>
<td>M40GMSBP</td>
<td>40G</td>
<td>SR Multi-mode Fiber</td>
<td>2 SR4 Multi-mode, MTP12</td>
<td>2 QSFP+ Cages</td>
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<tr>
<td>M40GSSBP</td>
<td>40G</td>
<td>LR Single-mode Fiber</td>
<td>2 LR4 Single-mode LC-Fiber</td>
<td>2 QSFP+ Cages</td>
</tr>
<tr>
<td>M10GMS2BP</td>
<td>10G</td>
<td>SR Multi-mode Fiber</td>
<td>4 SR Multi-mode, LC-Fiber</td>
<td>4 SFP+ Cages</td>
</tr>
<tr>
<td>M10GSS2BP</td>
<td>10G</td>
<td>LR Single-mode Fiber</td>
<td>4 LR Single-mode LC-Fiber</td>
<td>4 SFP+ Cages</td>
</tr>
</tbody>
</table>

**Additional Chassis Specifications**

- **Power Consumption:** 180w max
- **Operating Temp:** 0C to 40C / +32F to +104F
- **Operating Humidity:** 0%-90% non-condensing
- **Chassis Dimensions:** 1.75”H x 17.25”W x 23”D (44.45 mm H x 439mm W x 586mm D)

**Network Flow**

- **Bypass Mode: Active Inline**
- **Bypass Mode: Off-Line**
- **Power loss**

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