Garland’s EdgeSafe™ Bypass TAPs, are purpose-built to provide the ultimate failsafe device that eliminates single points of failure, reduces network downtime, cuts deployment time and saves money, without compromising the network.

External Bypass TAPs are connected between a network segment (router and switch or firewall) and an active inline tool, like a firewall or intrusion prevention systems (IPS). Allowing you to monitor the tool’s health and effectively manage the device through deployment, updates or troubleshooting. If your tool goes offline for any reason the Bypass TAP functionality will automatically ‘bypass’ the tool, keeping your network up while you resolve the issue.

**Key Features**

- Network Failsafe — recognizes power outages and automatically closes relay circuitry in less than eight milliseconds, reconnecting the two network devices connected to ports A and B
- Configurable Heartbeat Packets — sent between the monitoring ports and inline device. If the heartbeat packets are not received from either direction, Bypass mode takes effect. Heartbeat packets are never sent out onto the live network
- 100% secure and invisible; no IP address, no Mac address; cannot be hacked
- Supports link failure propagation (LFP)
- Multi-function and fully configurable device for both inline and out-of-band use that supports bypass, filtering, breakout, aggregation, and regeneration
- Supports Jumbo frames
- Passes physical errors
- Easy remote access and management with GUI/CLI card
- Portable, Plug & Play
- Made, tested and certified in USA

**APPLICATIONS**

- Inline lifecycle management best practice: update, upgrade or troubleshoot at any time
- Reduce network downtime
- Eliminate single points of failure within your network
- For remote monitoring/access of inline appliances

**SOLUTIONS**

Bypass TAPs are ideal for:

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

**Competitive Edge**

- Configurable Heartbeat packets for continuous health check
- Failsafe network protection
- Portable, Plug & Play design
- Supports bypass, filtering, breakout, aggregation and regeneration
- Bypass technology was invented by Jerry Dillard, CTO and Co-Founder
- Tested and Certified

**Have Questions?**

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

Design-IT Demo
garlandtechnology.com/design-it
**EdgeSafe™: Bypass Network TAP**

1G / 10G | Portable | Bypass | Failsafe | Remote management

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Media</th>
<th>Modes</th>
<th>Packet Injection Support**</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMS-1U-V2</td>
<td></td>
<td></td>
<td></td>
<td>1U Rack Mount Kit - Hold up to 4 Portable TAPs</td>
</tr>
<tr>
<td>P10GMSBPE</td>
<td>1G/10G</td>
<td>2 SR Multi-mode</td>
<td>2 SFP+</td>
<td>Yes</td>
</tr>
<tr>
<td>P10GSSBPE</td>
<td>1G/10G</td>
<td>2 LR Single-mode</td>
<td>2 SFP+</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Remote Management

Two (2) power supplies are included.

**Additional 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 239.52mm)
- **Weight:** 1.0 lbs (0.453592kg)

**Network Flow**

**Inline Lifecycle Management**

Manage Your Inline Tool Any Time Without Downtime

- Tool Sandbox - Pilot or deploy new tools
- Evaluate & Optimize the tool out-of-band
- Validation Push active inline
- Troubleshooting & Maintenance

**Multi-function fully configurable Bypass TAP, also offers**

- Failsafe / Power loss
- TAP “Breakout” Mode
- Aggregation Mode
- Regeneration/SPAN Mode
- Filtering