High Availability Solution
1U High Density with Multiple Monitoring Ports

Bypass TAP Traffic Flow

Bypass Mode: Active In-Line

Bypass Mode: Off-Line

Power loss

Applications

• High availability single TAP with automatic failover
• Fail-safe protection for your Intel NG-IPS.
• Unit supports breakout, aggregation, bypass and regeneration
• Take your NG-IPS offline without interrupting data traffic for:
  - Updates
  - Maintenance
  - Troubleshooting
• Additional ports ideal for Application Performance Monitoring or Network Performance Monitoring
• High density solution allows multiple connections in 1U

Heartbeat Packets

Heartbeat packets are sent out of each monitoring port. If the heartbeat packets are not received from either direction, then Bypass Mode takes effect. Heartbeat packets are never sent on the live network.

Have Questions?
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A Best Practice Guide
For deploying and managing your in-line appliances.

Evaluate & Optimize
TAP live network only once.
Breakout and configure security appliance off-line (Out-of-band)

Lifecycle
In Action

Trouble Shooting & Maintenance
Take off-line for updates, maintenance or troubleshooting

Validation/In-Line
Move into Bypass mode (in-band) for active in-line analysis

Garland Technology Ordering Information:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Monitoring Ports C - F support Breakout, Bypass modes Monitoring Ports G - H support Breakout, Aggregation modes</th>
</tr>
</thead>
<tbody>
<tr>
<td>INT1G8CCBP</td>
<td>1U Integrated Copper to Copper Bypass TAP (2) 100/1000 Copper TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H)</td>
<td></td>
</tr>
<tr>
<td>INT1G8MCBP</td>
<td>1U Integrated Multi-Mode to Copper Bypass TAP (2) 1000Base-SX Multi-Mode TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H)</td>
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<tr>
<td>INT1G8SCBP</td>
<td>1U Integrated Single-Mode to Copper Bypass TAP (2) 1000Base-X Single-Mode TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H)</td>
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