GARLAND
TECHNOLOGY
See every bit, byte, and packet®

EdgeSafe™: 40G Bypass Modular Network TAP
40G/10G | 1U Chassis | Scalable design with media conversion

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™: 4G Bypass Modular Network TAP supports bypass, breakout, aggregation and regeneration/SPAN 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
NGFW

Data Leakage Prevention
DLP

Intrusion Prevention System
IPS

Web Application Firewall
WAF

Distributed Denial of Service Appliances
DDoS

Security Information and Event Management (SIEM)
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

TESTED
CERTIFIED
GUARANTEED

Have Questions?

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Chassis System						
Model #	**Description**					
M40G1AC	40G/10G-1U Chassis System: Supports up to 3 modular Bypass TAPs. Dual internal AC power supplies.					

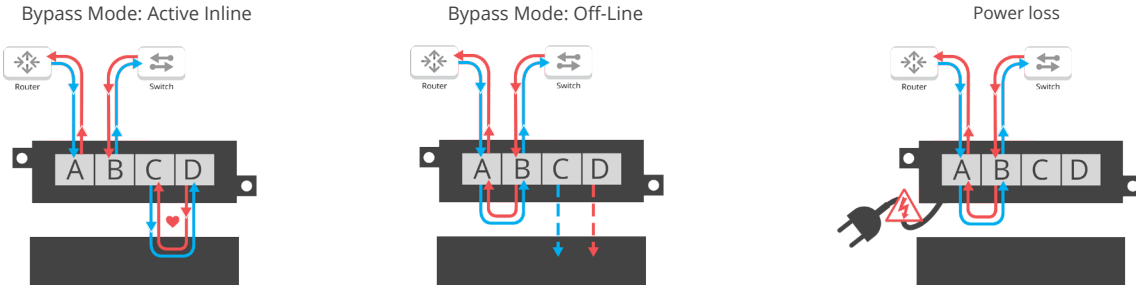| Model #	Network Speed	Bypass TAP Module	Media		Modes			
			Network	**Monitor**	**Breakout**	**Aggregation**	**Regeneration/ SPAN**	**Bypass**
M40GMSBP	40G	SR Multi-mode Fiber	2 SR4 Multi-mode, MTP12	2 QSFP+ Cages	Yes	Yes	Yes	Yes
M40GSSBP	40G	LR Single mode Fiber	2 LR4 Single mode LC-Fiber	2 QSFP+ Cages	Yes	Yes	Yes	Yes
M10GMS2BP	10G	SR Multi-mode Fiber	4 SR Multi-mode, LC-Fiber	4 SFP+ Cages	Yes	Yes	Yes	Yes
M10GSS2BP	10G	LR Single mode Fiber	4 LR Single mode LC-Fiber	4 SFP+ Cages	Yes	Yes	Yes	Yes

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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