GARLAND TECHNOLOGY
See every bit, byte, and packet.®

EdgeSafe™: Bypass Network TAP
1G | Portable | Failsafe | Remote management or manual programming

APPLICATIONS:

› Network security and monitoring of inline appliances.

› For remote monitoring/access of in-band appliancies.

› Take your in-band appliance off line without interrupting data traffic for: Updates, Maintenance, Troubleshooting.

Network test access points (TAPs) are hardware tools that allow you to monitor and access your network. Garland's Inline Edge Security Bypass 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 active inline 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 resolve the issue.

SOLUTIONS:
Portable 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)

Key Features

- Easy remote access and management with GUI/CLI card.

- Portable, Plug & Play.

- 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 out onto the live network.

- Network Failsafe recognizes power outages and automatically closes the relay circuitry in less than eight milliseconds then reconnects the two network devices connected to ports A and B.

- Bypass TAPs are fully configurable and support multiple modes: breakout, aggregation, regeneration/SPAN and bypass.

- Power over Ethernet (PoE+) passthrough optional.

- Supports Jumbo frames.

- Supports link failure propagation (LFP).

- Passes physical errors

- 100% secure and invisible; no IP address, no Mac address; cannot be hacked.
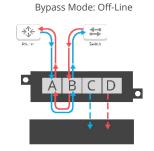
- Made, tested and certified in USA.
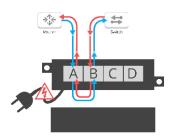
Competitive Edge

- Portable, Plug & Play design
- Exclusive remote management
- Supports breakout, aggregation, regeneration and bypass modes
- Bypass TAP Invented by Jerry Dillard, CTO and Co-Founder
- Tested and Certified

Network Flow

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

Have Questions?

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Model #	Network Speed	Media		Modes					Packet Injection Support*	PoE Support
		Network	Monitor	Breakout	Filtering	Aggregation	Regen/ SPAN	Bypass		
RMP-1U				1U Rack Mount Kit - Hold up to 4 Portable TAPs						
Remote Management										
P1GCCBPE	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
PIGCSBPE	100/1000M	2 RJ-45 Copper	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No
P1GCCBPPOE+E	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	Yes
P1GCSBPPOE+E	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	Yes
P1GMCBPE	1G	2 SX Multi-mode	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GMSBPE	1G	2 SX Multi-mode	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No
P1GSCBPE	1G	2 LX Single-mode	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GSSBPE	1G	2 LX Single-mode	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No
Manual Programing										
P1GCCBP	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GCCBPV2	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GCSBP	100/1000M	2 RJ-45 Copper	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No
P1GCCBPPOE+	100/1000M	2 RJ-45 Copper	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	Yes
P1GCSBPPOE+	100/1000M	2 RJ-45 Copper	2 SFP	Yes	No	Yes	Yes	Yes	Yes	Yes
P1GMCBP	1G	2 SX Multi-mode, Fiber-LC	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GMSBP	1G	2 SX Multi-mode, Fiber-LC	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No
P1GSCBP	1G	2 LX Single-mode, Fiber-LC	2 RJ-45 Copper	Yes	No	Yes	Yes	Yes	Yes	No
P1GSSBP	1G	2 LX Single-mode, Fiber-LC	2 SFP	Yes	No	Yes	Yes	Yes	Yes	No

*Packet injection in Aggregation mode only

Additional Specifications

Voltage: 5 DC
Current: 1.6 Amps
Max. Consumption: 8 Watts
Ambient Temp.: 0C to +40C / +32F to +104F
Operating Re. Humidity: 90% non-condensing

Dimensions (HxWxD):
1.15" x 3.9" x 6.5"
(29.21mm x 99.06mm x 165.10mm)
Weight: 0.7lbs (0.317kg)

Back view of portable TAP
with serial and ethernet remote management.

Back view of portable TAP with manual management.

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