

EdgeLens® Inline Security Packet Broker

1G/10G/40G/100G | Integrated Bypass | Failsafe | Filtering, Aggregating and Load Balancing



IT teams deploy inline security tools to prevent, block, inspect and protect their network, whether at the edge, data center or enterprise. Since these tools sit in the active network traffic, ensuring their performance and optimization is as critical as the tasks they perform. Active inline devices present a set of challenges, including becoming a single point of failure — leading to network downtime. Even deploying new inline tools and managing updates introduces risk.

Garland's new EdgeLens® is a bypass TAP, network packet broker hybrid, purpose-built to provide the ultimate failsafe traffic management device to future proof your network. Eliminate single points of failure, manage multiple tools, reduce network downtime, cut deployment time and save money, without compromising the network.

Inline Security Packet Brokers, like the EdgeLens, are connected between network segments (router and switch or firewall) and active inline tools, like a firewall or intrusion prevention systems (IPS). Allowing you to monitor the health of multiple tools and effectively manage the devices through deployment, updates or troubleshooting. If your tools go off line for any reason the Bypass TAP functionality will automatically 'bypass' the tool, keeping your network up while you resolve the issue.

Key Features

- Failsafe bypass TAPs for inline appliances
- Network Failsafe
- Configurable Heartbeat Packets with ms resolution
- Packet broker functionality for out-of-band monitoring appliances
- Supports filtering, aggregation, load balancing and regeneration
- Aggregate network traffic to a single or multiple tools (1:1, 1:N, N:1, N:N)
- Port splitting functionality
- Session/flow aware load balancing
- Configurable hash-based load balancing
- Flow replication and port mirroring
- Dual AC or DC hot swappable power supplies.
- Remote management GUI, SNMP v2c/v3
- Rest API for integration
- Made, tested and certified in US

APPLICATIONS

- Inline lifecycle management best practice: update, upgrade or troubleshoot at any time.
- Reduce network downtime.
- Eliminate single points of failure within your network.
- Tool chaining - manage multiple inline security and out-of-band monitoring tools.
- TAP links and deliver data to tools with high density filtering, aggregation, and load balancing.
- Historical Look Back Forensic - easily provide packet capture data to storage for post breach analysis.
- Before and After Optimization - analyze packet data before and after your inline device to ensure optimal tool performance.
- High availability (HA) support for active/active and active/passive configurations.

Competitive Edge

- Purpose-built for managing the network edge, data center or enterprise
- Next-Gen Standard for Inline Management
- Configurable Heartbeat packets for continuous health check
- Failsafe network protection
- 100% secure and invisible; no IP address, no Mac address; cannot be hacked.
- Provide extra ports for packet capture analysis
- Bypass technology was invented by Jerry Dillard, CTO and Co-Founder
- Tested and Certified



Have Questions?

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Design-IT Demo
garlandtechnology.com/design-it

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Model #	Network Speed	Bypass TAPs	10G Ports	40G Ports	100G Ports	Power	Power	Dual Hot Swappable Power Supplies*
INT10G8LR56	1G/10G/40G	(4) SMF 1G-LX /10G-LR	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	N/A	AC Power	195	Yes
INT10G8SR56	1G/10G/40G	(4) MMF 1G-SX /10G-SR	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	N/A	AC Power	195	Yes
INT40G2SR44	1G/10G/40G	(2) MMF 40G-SR4	(32) 1G/10G SFP+	(8) 40G QSFP+ (4x 10G)	N/A	AC Power	650	Yes
INT40G2LR44	1G/10G/40G	(2) SMF 40G-SR4	(32) 1G/10G SFP+	(8) 40G QSFP+ (4x 10G)	N/A	AC Power	650	Yes
INT100G8LR24	40G/100G	(4) SMF 100G	N/A	32	32	AC Power	650	Yes
INT100G8SR24	40G/100G	(4) MMF 100G	N/A	32	32	AC Power	650	Yes
INT100G8LR24 - BP	40G/100G	(4) SMF 100G	N/A	32	32	AC Power	650	Yes
INT100G8SR24 - BP	40G/100G	(4) MMF 100G	N/A	32	32	AC Power	650	Yes

Power Supply options	
PS10-HS-DC	Hot Swappable DC -48vdc Power Supplies
PS10-HS-AC	Hot Swappable AC Power Supplies *Two included with each EdgeLens order

Two (2) power supplies are required for each chassis

1U Chassis Specifications:

Support for: SFP (SX, LX and TX) and SFP+ (SR, LR, ER)

and 40 Gbps QSFPs and 100 Gbps QSFPs

Operating Temp: 0 to 40° C or 32 to 104° F

Operating Humidity: 5 to 95%

Weight: 21 lbs

Dimensions: 21.09" L x 1.719" H x 17.32" W
(535.686mm L x 43.6626 mm H x 439.928mm W)

Airflow: 100 IF/m (2)

Power Supply: 100 VAC to 250 VAC

Max Amps: 2 amps

Watts: 195 Watts

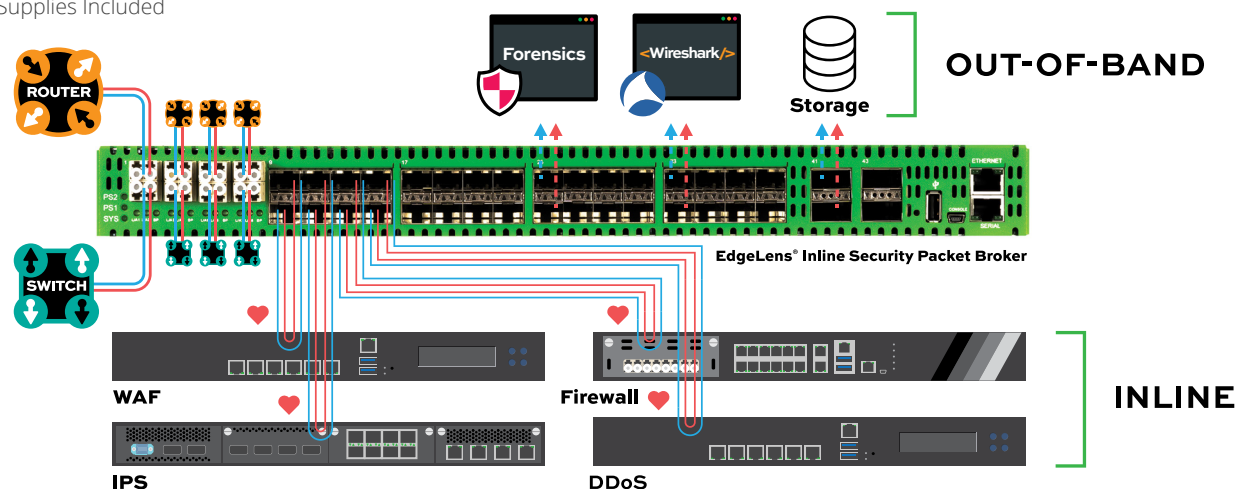
BTU: 665 BTU

(2) AC Power Supplies Included

APPROVALS:

Full RoHS compliance

EMC, FCC Class A, UL (Safety) Certifications



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