GARLAND
TECHNOLOGY
See every bit, byte, and packet®

EdgeLens® Inline Security Packet Broker
1G/10G/40G | 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

• Four (4) 1G/10G failsafe bypass TAPs for inline appliances
• Network Failsafe
• Configurable Heartbeat Packets with ms resolution
• (32) 1G/10G and four 40G ports with 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 10G links and deliver data to 1G, 10G and 40G 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

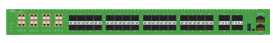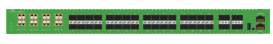TESTED
CERTIFIED
GUARANTEED

Have Questions?

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Design-IT Demo
garlandtechnology.com/design-it

EdgeLens® Inline Security Packet Broker

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Model #	Ports	Network Speed	Bypass TAPs	10G Ports	40G 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)	AC Power	195	Yes
INT10G8SR56		1G/10G/40G	(4) MMF 1G-SX/10G-SR	(32) 1G/10G SFP+	(4) QSFP+ (4x 10G)	AC Power	195	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

Available Pluggables & Cables:

Model #	Description
SFPTX	SFP 10/100/1000 Copper RJ-45 Connector
SFPSX	SFP 1000Base-SX Multi-Mode Fiber LC Connector
SFPLX	SFP 1000Base-LX Single Mode Fiber LC Connector
SFP+SR	SFP+ Dual Speed 1 Gigabit-SX / 10 Gigabit-SR Multi-Mode Fiber LC Connector
SFP+LR	SFP+ Dual Speed 1 Gigabit-LX / 10 Gigabit-LR Single Mode Fiber LC Connector
SFP+SR10G	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector - only supports 10G
SFP+LR10G	SFP+ 10Gigabit-LR Multi-Mode Fiber LC Connector - only supports 10G
QSFP+40G	QSFP+ 40 Gigabit-SR Multi-Mode Fiber MPO/MTP-12 Connector
QSFP+40G-LR4	QSFP+LR Single-Mode Fiber LC Connector
QSFP+40GBiDi	QSFP+ 40Gigabit-SR-BiDi Multi-Mode Fiber LC Connector
QSFP28-4SFP28-Cable_1	100 Gigabit Ethernet QSFP28 to (4) x 25 Gigabit Ethernet SFP28 Splitter Cable, 1 Meter
TWINAX1M**	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Meter

**Also available in 5 and 10 meters.

1U Chassis Specifications:
Max. system throughput:
Support for: SFP(SX, LX and TX) and SFP+ (SR, LR, ER)
Operating Temp: 0 to 40° C or 32 to 104° F
Operating Humidity: 5 to 95%
Dimensions: 21.09" L x 1.719" H x 17.32" W
(535.686mm L x 43.6626 mm H x 439.928mm W)
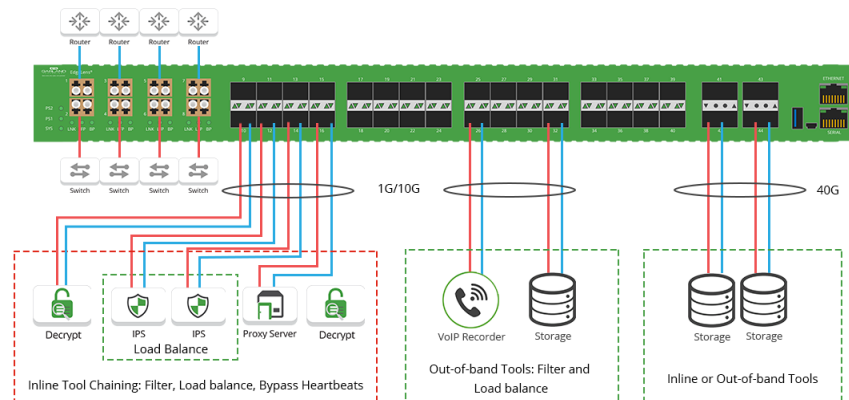Airflow: 100 IF/m
(2) AC Power Supplies Included

APPROVALS:
Full RoHS compliance
EMC, FCC Class A, UL (Safety) Certifications

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