



# **EdgeLens® 12-Port In-Line/Out-of-Band Solution**

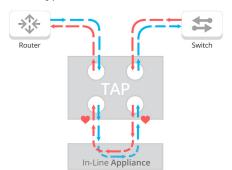
Hybrid bypass TAP and packet broker with load balancing



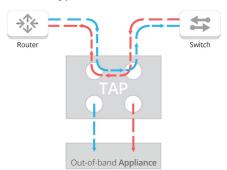
**Active In-Line Load Balancing** to multiple 1G NG-IPS

## Bypass TAP Traffic Flow •

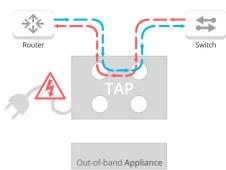
Bypass Mode: Active In-Line



#### Bypass Mode: Off-Line



#### Power loss



## **Applications**

- · Use a single access device to connect multiple appliances, including Forensics, End Point and BYOD.
- · Take your NG-IPS offline without interrupting data traffic for: updates, maintenance and troubleshooting.
- (10) ports employ SFP/SFP+ cages for ultimate flexibility.
- TAP a 10G circuit and filter for 1G appliances.
- In-line TAP circuit type can be mult-mode or single-mode with egress ports in either 1G or 10G, fiber or copper.
- The EdgeLens® filters, aggregates and load balances the in-line data stream and all monitoring outputs.

## The EdgeLens® a



The Garland Technology 12-port EdgeLens® provides (1) 10G TAP with (8) monitoring ports. Palo Alto, in combination with their technology partners, provides complete security solutions including network forensics and BYOD. The 12-port EdgeLens® provides a cost effective solution for attaching multiple devices through a single TAP contained in a 1U chassis.

### 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:		
Part Number	Description	
EdgeLens® Packet Broker Hybrid Bypass TAP Systems:		
INT10G2SRBP10SFP+	Integrated 1U chassis single bypass TAP system Supports filtering, aggregating, load balancing and regeneration One (1) 1 Gigabit-SX/10 Gigabit-SR TAP Ten (10) SFP/SFP+ ports	Supports heartbeats for port pairs Dual AC hot swappable power supplies 1 Management Port 1 Console Port
INT10G2LRBP10SFP+	Integrated 1U chassis single bypass TAP system Supports filtering, aggregating, load balancing and regeneration One (1) 1 Gigabit-SX/10 Gigabit-LR TAP Ten (10) SFP/SFP+ ports	Supports heartbeats for port pairs Dual AC hot swappable power supplies 1 Management Port 1 Console Port



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