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

XtraTAP™: Packet Broker
1G/10G | Compact 1/2 Rack 1U design | Filtering, Aggregating and Load Balancing

Visibility starts with the packet. A network TAP (test access point) is a hardware device that allows you to access and monitor your network traffic by copying packets without impacting or compromising network integrity.

The XtraTAP™: Packet Broker is a purpose-built hardware device that supports passive network tapping combined with advanced filtering, aggregation and load balancing, guaranteeing your tools see every bit, byte, and packet.®

This 1/2 rack compact network TAP Packet Broker hybrid, is designed to provide packet visibility and optimize network traffic, to improve security and monitoring tool performance, while saving rack space. Filtering and load balancing reduces the process burden on tools with unneeded data. Providing optimized tapped traffic for multiple tools.

APPLICATIONS

• TAP 10G links and deliver data to 1G, 10G tools — get more ROI out of your 1G tools

• High Density filtering, aggregation, and load balancing

• Improve tool functionality by optimizing traffic and reducing processing burden

• Easily monitor Ethernet Channel links

Key Features

• One (1) 1G/10G passive network TAP
• (10) 1G/10G 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)
• Session/flow aware load balancing
• Configurable hash-based load balancing
• Flow replication and port mirroring
• Dual AC or DC hot swappable power supplies.
• Simple easy to use GUI management
• Rest API for integration
• Made, tested and supported in the USA

Filter Features

• 900 ingress filters and 256 egress filters (full line rate filtering)
• Configurable filters and Egress port filtering
• User defined filters for Layer 2, 3, and 4
• IPv4 and UDF Filter support
• IPv4, MAC, L4Port, VLAN, Ethertype, IP protocol
• Supports MPLS tagging and stripping, single and stacked
• Supports VLAN tagging and stripping, QinQ support
• Packet modification - VLAN Tagging

Competitive Edge

• Industry leading advanced TAP filtering and TAP aggregation
• Easy port configuration
• Unique hybrid design
• Exclusive easy remote management
• Tested and Certified

TESTED
CERTIFIED
GUARANTEED

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

Design-IT Demo
garlandtechnology.com/design-it

XtraTAP™: Packet Broker

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Model #	Ports	Network Speed	Network TAP	Split Ratio	10G Ports	Power	Dual Hot Swap Power*
INT10G12MSFE-5		1G/10G	MMF 1G-SX/10G-SR	50/50	(10) SFP+	AC Power 120W	Yes
INT10G12MSFE-6		1G/10G	MMF 1G-SX/10G-SR	60/40	(10) SFP+	AC Power 120W	Yes
INT10G12MSFE-7		1G/10G	MMF 1G-SX/10G-SR	70/30	(10) SFP+	AC Power 120W	Yes
INT10G12SSFE-5		1G/10G	SMF 1G-LX/10G-LR	50/50	(10) SFP+	AC Power 120W	Yes
INT10G12SSFE-6		1G/10G	SMF 1G-LX/10G-LR	60/40	(10) SFP+	AC Power 120W	Yes
INT10G12SSFE-7		1G/10G	SMF 1G-LX/10G-LR	70/30	(10) SFP+	AC Power 120W	Yes
INT10G12ESFE-5		1G/10G	SMF 1G-LX/10G-ER	50/50	(10) SFP+	AC Power 120W	Yes
INT10G12ESFE-6		1G/10G	SMF 1G-LX/10G-ER	60/40	(10) SFP+	AC Power 120W	Yes
INT10G12ESFE-7		1G/10G	SMF 1G-LX/10G-ER	70/30	(10) SFP+	AC Power 120W	Yes

*Split ratios are available in 50/50, 60/40, 80/20, or 90/10, please inquire.

Power Supply options	
PS10-HS-DC	Hot Swappable DC -48vdc Power Supplies
PS10-HS-AC	Hot Swappable AC Power Supplies *Two included with each XtraTAP 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
TWINAX1M**	Twinax Copper Direct Connect Cable SFP+ 10Gigabit 1 Meter

**Also available in 5 and 10 meters.

1/2 Rack 1U Chassis Specifications:

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: 17.5" L x 1.72" H x 8.25" W
(444.5mm L x 43.68 mm H x 209.55mm W)
Airflow: 50 IF/m
(2) AC Power Supplies Included

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

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