

Network TAP + Packet Broker Hybrid

1U Half-Rack with Built-in 1/10G TAP



INT10G12SSFE-X (Single Mode)



INT10G12MSFE-X (Multimode)

Garland Technology's Network TAP + Packet Broker hybrids combine a passive 1/10G optical TAP with a 10-port packet broker in a compact 1U half-rack chassis. The design delivers full-duplex TAP visibility for out-of-band monitoring, with line-rate aggregation, L2–L4 filtering, flow-aware (hash-based) load balancing, and replication so multiple tools receive exactly the traffic they need while you save rack space and budget. Remote management, utilization alerts, TACACS+ integration, and an open REST API simplify operations. As with all Garland Technologies products, there are no port or feature licenses ever.

PROTECT

- Passive, out-of-band visibility via built-in 1/10G passive TAP (full-duplex)
- Replicate to multiple tools with flow replication / port mirroring
- Aggregation + load balancing keep tools within capacity for continuous coverage

ENHANCE

- Line-rate filtering: up to 900 ingress / 256 egress rules
- VLAN/MPLS tag add/strip
- Flow-aware, hash-based load balancing
- Jumbo frames supported

SIMPLIFY

- Web GUI + REST API with remote management
- Utilization alerts and quick setup
- Dual AC or DC hot swappable power supplies

COUNTRY OF ORIGIN: USA

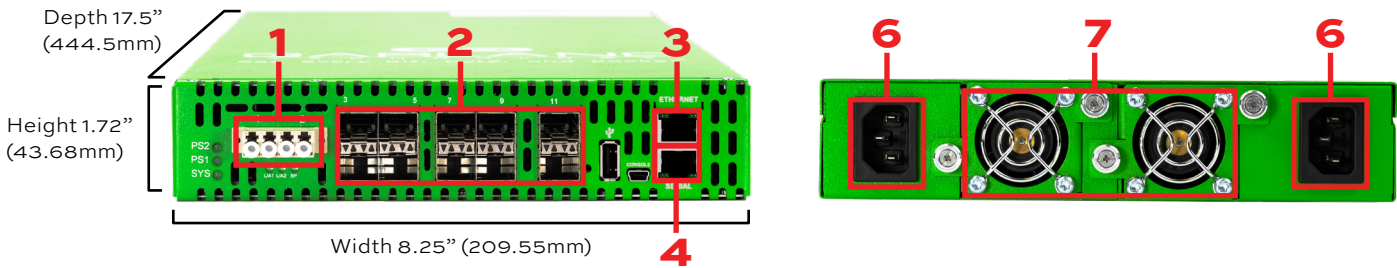
- TAA Compliant

KEY FEATURES

- Integrated hybrid platform: One (1) passive 1/10G optical TAP (Single Mode LR or Multimode SR) with split ratios 50/50, 60/40, 70/30, 80/20, 90/10, plus 10 × 1/10G SFP SFP+ ports (network inputs and/or tool outputs)
- Packet broker functions at line rate: aggregation, L2–L4 filtering, and replication/port mirroring
- Flow-aware load balancing: with configurable L2–L4 hashing
- Made, tested, and supported in the USA
- Supports MAC, IPv4, VLAN/QinQ, Ethertype, IP protocol, TCP/UDP ports, UDF; MPLS match; VLAN/MPLS tag add/strip
- Management Web GUI, REST API, TACACS+, Syslog, NTP, utilization alerts, remote management
- Power: dual hot-swappable PSUs (AC standard; optional – 48 V DC kit)
- Filtering capacity: up to 900 ingress and 256 egress user-defined filters

HARDWARE KEY

- 1.** One (1) 1G/10G LR Single Mode or SR Multimode Fiber TAPs **2.** Ten (10) 1G/10G SFP/SFP+ Ports
3. Ethernet Port **5.** Serial Port **6.** Dual Power Supplies **7.** Fans



SPECIFICATIONS

- Network speed: 1G / 40G / 100G
- Operating Temp: 0 to 40° C
or 32 to 104° F
- Operating Humidity: 5 to 95% non-condensing
- Airflow: ~50 LFM

BENEFITS

- Consolidate a TAP and packet broker in a single 1U half-rack chassis to free space and power
- Mirror and distribute identical copies of traffic to multiple tools without touching production links

PACKAGE CONTENTS

- One (1) INT10G12SSFE-X or INT10G12MSFE-X
- Two (2) Power Cords
- One (1) Set of Mounting Ears
- One (1) Set of Screws for Mounting Ears
- One (1) Set of Rack Screws
- One (1) Serial Cable
- The Blade(s) ordered based on geography
- (2) AC hot-swappable power supplies (installed)

- Right-size tool feeds via filtering and load balancing to avoid oversubscription and extend ROI on existing 1G/10G tools.
- Simplify operations with software-defined port roles and policy-driven workflows; integrate via REST API

Product Number	Network Speed	Fixed Ports	Split Ratio
INT10G12SSFE-5	(1) 1G/10G LR SMF TAPs	(10) 1G/10G SFP/SFP+ Ports	50/50
INT10G12SSFE-6	(1) 1G/10G LR SMF TAPs	(10) 1G/10G SFP/SFP+ Ports	60/40
INT10G12SSFE-7	(1) 1G/10G LR SMF TAPs	(10) 1G/10G SFP/SFP+ Ports	70/30
INT10G12SSFE-8	(1) 1G/10G LR SMF TAPs	(10) 1G/10G SFP/SFP+ Ports	80/20
INT10G12SSFE-9	(1) 1G/10G LR SMF TAPs	(10) 1G/10G SFP/SFP+ Ports	90/10
INT10G12MSFE-5	(1) 1G/10G SR MMF TAPs	(10) 1G/10G SFP/SFP+ Ports	50/50
INT10G12MSFE-6	(1) 1G/10G SR MMF TAPs	(10) 1G/10G SFP/SFP+ Ports	60/40
INT10G12MSFE-7	(1) 1G/10G SR MMF TAPs	(10) 1G/10G SFP/SFP+ Ports	70/30
INT10G12MSFE-9	(1) 1G/10G SR MMF TAPs	(10) 1G/10G SFP/SFP+ Ports	80/20
INT10G12MSFE-9	(1) 1G/10G SR MMF TAPs	(10) 1G/10G SFP/SFP+ Ports	90/10



Have Questions?

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