GARLAND
TECHNOLOGY
See every bit, byte, and packet®

PacketMAX™: Advanced Features Dedup

Deduplication | Time Stamping | Packet Slicing

PacketMAX™: Advanced Features Dedup, part of Garland Technology's purpose-built network packet broker line, built to extend the feature set of any product. The system is designed to support large window deduplication, time stamping, and packet slicing.

Adding these features to your existing infrastructure, can significantly reduce the processing overhead from security or monitoring tools. The 4x10G SFP+ or 1x 40G or the 4x QSFP28 ports support SR, LR, and ER MSA compliant transceivers.

We believe that securing and monitoring your network is the ultimate goal. Network packet brokers are critical to accomplishing that goal providing access and management of network traffic from multiple links to optimize the performance of your network monitoring and security tools.

Key Features

- Supports 10G, 40G or 100G
- FPGA Based design for increased flexibility
- Large window deduplication (22M packet window, 200mS for an average size of 256B)
- Plug & Play - Zero Configuration Required
- Time Stamping, 5 nS resolution
- Programmable Packet Slicing, L2, L3 or L4 supported
- Encapsulation awareness support: IP-in-IP, GRE, GTP-U, VXLAN; VNTAG
- Stripping support: VLAN, MPLS, VNTAG, FabricPath, VXLAN, GTP-U, IP-in-IP, L3GRE, L2GRE

Applications

- Extend the feature set of Garland Technology's PacketMAX Advanced Aggregators or existing infrastructure
- Extending the life of existing security and monitoring tools by:
  - Reducing traffic volume
  - Reduce the processing load by removing duplicate packets introduced by SPAN ports

Solutions:

Garland's Advanced Features Dedup is ideal for:
- Adding advanced features to existing equipment
- Supplementing features of new installs

Competitive Edge

- Full 4x10G Line rate support
- 200ms deduplication window
- No annual feature license fee
- Tested and Certified

TESTED
CERTIFIED
GUARANTEED

Have Questions?

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Design-IT Demo
garlandtechnology.com/design-it

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Model #		Network Speed	Ports	Form Factor	Power	Watts
AF10G4ACE		10G / 40G	(4) SFP+ (1) QSFP	1U 1/2 Rack	1 AC power supplies	135W
AF10G4DCE		10G / 40G	(4) SFP+ (1) QSFP	1U 1/2 Rack	1 DC power supplies	135W
AF100G4ACE		100G	(4) QSFP28	1U 1/2 Rack	1 AC power supplies	135W
AF100G4DCE		100G	(4) QSFP28	1U 1/2 Rack	1 DC power supplies	135W

Available Pluggables & Cables	
Model #	**Description**
SFP+SR10	SFP+ 10Gigabit-SR Multi-Mode Fiber LC Connector - only supports 10G
SFP+LR10	SFP+ 10Gigabit-LR Multi-Mode Fiber LC Connector - only supports 10G

Specifications:

Power Consumption: 135w max
Operating Temp: 0C to 50C / +32F to +122F
Operating Humidity: 0%-95% non-condensing
Chassis Dimensions: 1.75"H x 12.28"W x 14"D (44.5mm H x 209.6mm W x 355.6mm D)

Network TAPs + Packet Brokers + Inline Edge + Cloud Visibility | GarlandTechnology.com | +1 (716) 242.8500 | sales@garlandtechnology.com

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