

# 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.

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 and 40G
- 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





### Have Questions?

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Design-IT Demo  
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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

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)  
Weight: 5.23 lbs (2.372288 kg)