



See every bit, byte, and packet®

Quick Start Guide

P1GMSASP / P1GSSASP



03/2024

Release Version 1.1.37

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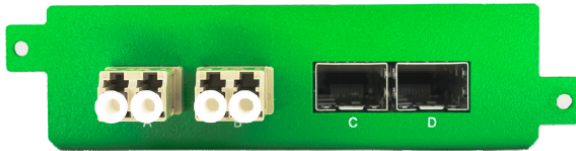
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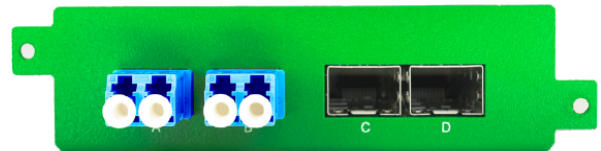
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This document describes the Dip Switch settings and the installation procedure for the P1GMSASP/P1GSSASP. These hardware Data Diodes are ideal for 1Gigabit-SX/LX Fiber network monitoring. The innovative design allows these Data Diodes to be easily installed into any 1Gigabit-SX/LX Fiber network segment.

Front Panel



P1GMSASP



P1GSSASP

Rear Panel



Dip Switch Settings

1	2	3	4	5	6	7	8
Port Speed	Duplex Setting	Not Applicable	Tap Mode	Tap Mode	Not Applicable	Not Applicable	Not Applicable
1000 Gbps	Auto		See Mode Table	See Mode Table			
N/A	Full						

Mode Table				
4	5	6	7	Mode
up	down	down	down	Breakout
up	up	down	down	Aggregation

Note: The Port Speed Dip Switches determine the port speed of the SSF. It will not affect the port speed of the devices attached to the Network Ports.

Note: The duplex setting should always be set to Full Duplex (down).

To deploy the P1GXSASP Portable Tap into your network, simply:

- Unpack the device and attach it to an optional rack mount bracket (sold separately).
- Install the P1GxSASP assembly into any available 1U slot of a network rack and secure it with rackmount screws.
- Utilizing the DIP switches (located on the reverse side of the unit, next to the power input) configure the P1GxSASP for the operating mode of your choice. Install the hardware Data Diode into the live network.
- Using the appropriate fibers, connect ports [A] and [B] of the P1GxSASP to the two live network devices where monitoring is desired.
- Connect ports [C] and [D] to the monitoring tools for traffic monitoring.
- Connect the power supply to the P1GxSASP and plug it in to an available power source.

Note: Other operating modes are available for monitoring and may be configured using the provided DIP switches. Using SPAN or regeneration mode on fiber models may require both [A] and ports to be connected to obtain link on port [A] or [B]. BP LED serves no purpose on this model.

- Anytime the configuration switches are changed the user must remove and then apply power for the changes to take effect.

Hardware Key

P1GMSASP

Two (2) 1G SX Multi-mode, passive LC-Fiber Ports
Two (2) SFP Ports
DIP Switches
Internal Power Supply

P1GSSASP

Two (2) 1G LX Single-mode, passive LC-Fiber Ports
Two (2) SFP Ports
DIP Switches
Internal Power Supply

Dimensions (HxWxD)

1.15" x 3.9" x 6.5"
(29.21mm x 99.06mm x 165.1mm)
Weight: 0.7lbs (0.317kg)

Specifications

Network speed: 10/100/1000M
Storage Temperature: -10°C to 60°C | 14°F to +140°F
Humidity: 90% non-condensing
Voltage: 90 AC - 264 AC
Current (nominal): 1.8 Amps at 115 AC

For questions, please contact Garland Technology Support at:

8AM-9PM (CST) Monday - Friday (Except for observed US Holidays)

Tel: 716.242.8500 Online: www.garlandtechnology.com/support