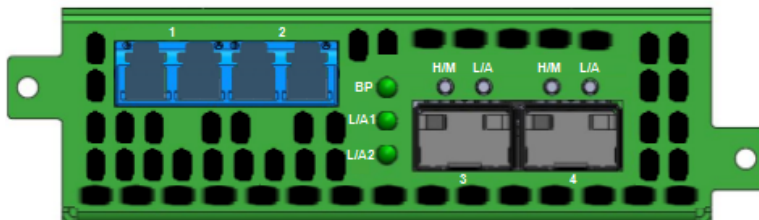This document describes the front panel, LED indications, interfaces, rear panel, rear switch and installation procedure for the P10GXXA-X. The unit supports three application modes; breakout, aggregate and span. LFP and Fail Mode (open) are supported on the network ports for the breakout and aggregate modes via the optical splitter.

Front Panel

LED Indications

Port 1 LFP	LFP LED
Port 1 L/A	Link/Activity LED
Port 2 LFP	LFP LED
Port 2 L/A	Link/Activity LED
Port 3 H/M	N/A
Port 3 L/A	Link/Activity LED
Port 4 H/M	N/A
Port 4 L/A	Link/Activity LED
LED 1	Bypass Mode Bypass LED
LED 2	N/A
LED 3	N/A

Interfaces

Breakout Mode

Port 1	Network Port	
Port 2	Network Port	
Port 3	Breakout Port	Ingress Port 1
Port 4	Breakout Port	Ingress Port 2

Aggregate Mode

Port 1	Network Port	
Port 2	Network Port	
Port 3	Aggregate Port	Ingress Port 1 / Port 2
Port 4	Aggregate Port	Ingress Port 1 / Port 2

Span Mode

Port 1	Network Port	Ingress Span Port 2 / Port 3 / Port 4
Port 2	Span Port	Ingress Port 1
Port 3	Span Port	Ingress Port 1
Port 4	Span Port	Ingress Port 1

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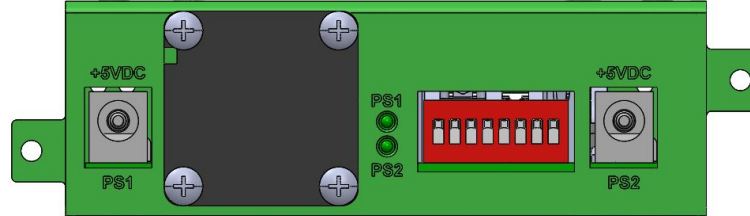
Rear Panel

PS1	Power Supply 1 LED
PS2	Power Supply 2 LED

Rear Panel Switch Settings

Switch 1	**Port Speed**		On - 10G		Off – 1G	
Switch 2	**LFP**		On - Enabled	Off – Disabled		
Switch 3/4/5	**Mode**		**Breakout**	3 – On	4 – Off	5 – Off
4 – On	5 – Off			**Aggregate**	3 – Off	
4 – On	5 – Off			**Span**	3 – On	
Switch 6/7/8	**N/A**		**N/A**	6 – Off	7 – Off	
8 – Off						

* The unit must be power cycled if the switch settings are modified.

Installation Procedure

1. The P10GXXA-X may be installed in any available 1U slot of a network rack and secured with rack mount screws or in the optional rack mount bracket, sold separately. The optional rack mount bracket is shown below.

2. Set the switches on the rear of the unit for the desired speed, LFP option and application.

3. Connect power cables to PS1 and PS2 on the rear panel and plug into available power sources.

4. Verify that the PS1 LED and PS2 LED on the rear panel are illuminated.

5. Insert the correct SFPs for the desired speed and application. This step can be done prior to power on if desired.

6. Connect the fibers to the desired ports per the application.

7. Verify the L/A LEDs are illuminated green indicating link.

8. Verify the L/A LEDs are flashing green indicating link and traffic.

Optional Rack Mount Bracket

Rack Mount Plate