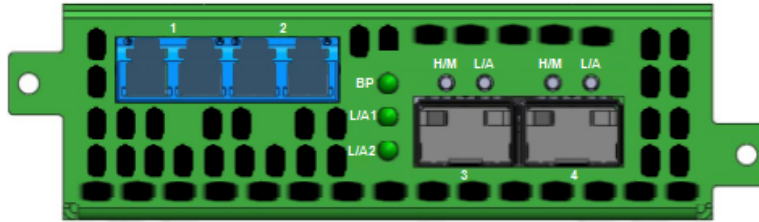This document describes the front panel, LED indications, interfaces, rear panel, rear switch and installation procedure for the P10GXXA. The unit supports five application modes; bypass, breakout, aggregate, span and span packet inject. LFP and Fail Mode (open) are supported on the network ports for the bypass, breakout and aggregate modes.

Front Panel

LED Indications

BP	Bypass Mode	Bypass LED
Port 1 L/A1	Link/Activity LED	LFP LED - Red
Port 2 L/A2	Link/Activity LED	LFP LED - Red
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	

Interfaces

Bypass Mode

Port 1	Network Port
Port 2	Network Port
Port 3	Inline Appliance Port
Port 4	Inline Appliance Port

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

Span Packet Inject Mode

Port 1	Network Port		Ingress Span Port 2 / Port 3 / Port 4
	Network Port		Egress Packet Inject Port 2 / Port 3 / Port 4
Port 2	Span Port	Ingress Port 1	
		Packet Inject Port	Egress Port 1
Port 3	Span Port	Ingress Port 1	
		Packet Inject Port	Egress Port 1
Port 4	Span Port	Ingress Port 1	
		Packet Inject Port	Egress Port 1

Rear Panel
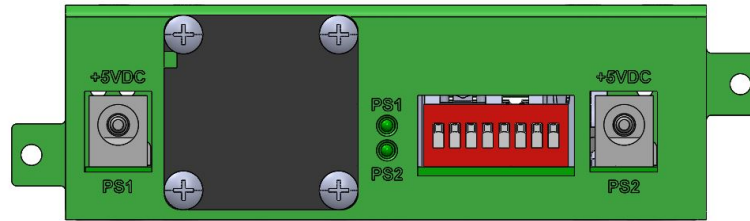
PS1	Power Supply 1 LED
PS2	Power Supply 2 LED

Rear Panel Switch Settings

Switch 1		**Port Speed**	On - 10G	Off – 1G	
Switch 2		**LFP**	On - Enabled	Off – Disabled	
Switch 3/4/5	**Mode**		**Bypass**	3 – Off	4 – Off	5 – Off

		Breakout	3 – On
4 – Off	5 – Off		
		Aggregate	3 – Off
4 – On	5 – Off		
		Span	3 – On
4 – On	5 – Off		
		Span (PI)	3 – Off
4 – Off	5 – 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 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