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User Guide

INT10G10SP2



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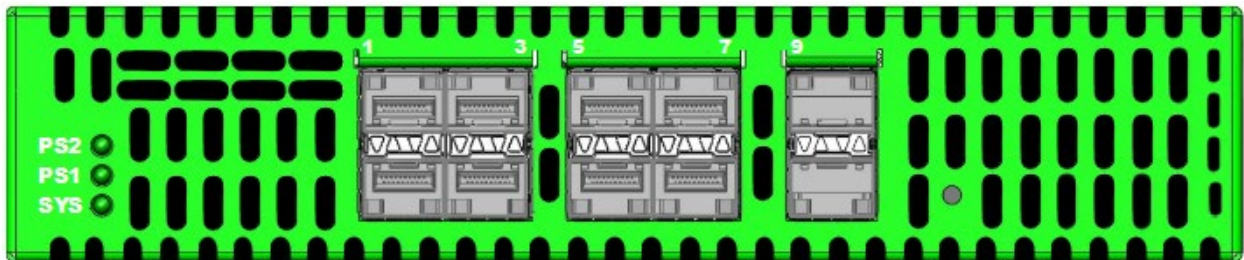
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INT10G10SP2

This document describes the front panel, LED indications, interfaces, rear panel, installation procedure for the INT10G10SP2. The unit supports two span applications in a single chassis. The spans may be configured independently to support 1G or 10G applications. The INT10G10SP2 provides two port modes for each span application, normal and force link.

Front Panel



LED Indications

PS2	Power Supply 2 LED
PS1	Power Supply 1 LED
SYS	System LED
Up Arrows SFP Ports 1-9	Link/Activity LEDs
Down Arrows SFP Ports 2-10	Link/Activity LEDs

Interfaces

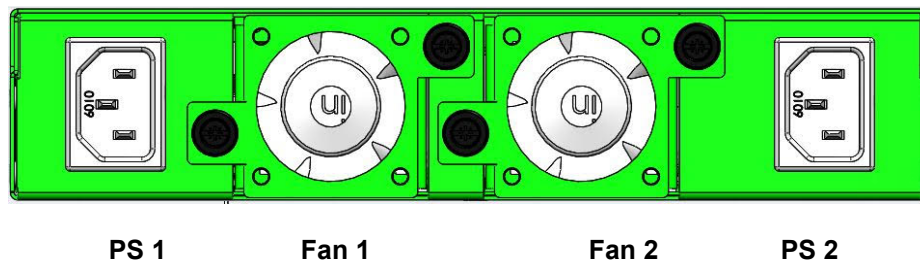
Span 1

Port 1	Network Port / 1G or 10G Detection Port
Port 3	Span Port - Force Link Mode
Port 5	Span Port - Force Link Mode
Port 7	Span Port – Normal Mode
Port 9	Span Port – Normal Mode

Span 2

Port 2	Network Port / 1G or 10G Detection Port
Port 4	Span Port – Force Link Mode
Port 6	Span Port – Force Link Mode
Port 8	Span Port – Normal Mode
Port 10	Span Port – Normal Mode

Rear Panel



Installation Procedure

1. Determine the speed of span 1 by inserting a 1G or 10G SFP into port 1.
2. Determine the speed of span 2 by inserting a 1G or 10G SFP into port 2.

If 1G is desired, a 1G SFP must be used. If a dual speed 1G/10G SFP is used then the unit will select the highest possible speed, 10G.

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 faceplate are illuminated.
5. Verify that the SYS LED on the faceplate is illuminated.
6. Connect the network ports for span 1 and/or span 2 to the desired sources.
7. Verify the link LEDs are illuminated indicating link.
8. Verify the activity LEDs are flashing indicating traffic.

The force link ports for span 1, ports 3 and 5 and span 2, ports 4 and 6 will illuminate their activity and link LEDs with no SFP inserted.

9. Insert 1G or 10G SFPs into the desired span ports. This step can be done prior to power on if desired.

Dual speed 1G/10G SFPs may be used for 1G applications in the span ports providing a 1G SFP was used in steps 1 or 2.

10. Connect the span ports for span 1 and/or span 2 to the desired source(s).

Use a single fiber for the force link ports. Insert the fiber into the SFP TX interface. Use a standard dual TX/RX fiber in the normal mode span ports.

11. Verify the link LEDs are illuminated indicating link on the normal mode span ports.
12. Verify the activity LEDs are flashing indicating traffic on the normal mode span ports.