

Thank you for choosing the OSD2281P 4-Port Gigabit Ethernet Switch. This Quick Start Guide provides basic installation & function. Full Manual available at www.osd.com.au



Power Supply Connections

Step 1: Connect DC power to an appropriate power source, connect the plug-able terminal block on the OSD2281P switch and then turn power on.

Step 2: Disconnect power to shut down switch

Power Pin	Specification
Power 1 +	46V _{DC} to 57V _{DC} @ 192VA*
Power 1 0V	Ground – 0V
Power 2 +	46V _{DC} to 57V _{DC} @ 192VA*
Power 2 0V	Ground – 0V
	Earth Ground Connection

*≥52V_{DC} recommended for PoE+ or ≥ 55V_{DC} for PoE++

Alarm Connections

The alarm connections and conditions for alarm outputs are as set out below. The maximum ratings the relay can drive is 100mA @ 46V(max). Alarm output has no polarity

Alarm Output	Alarm 1 Ring /Bus	Alarm 2 Temperature
Open	Ring	Less than 80°C
Closed	Bus*	Higher than 80°C

*Bus alarm is only triggered after a ring connection is established

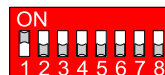
LED Indicators

There are a number of LED indicators located on the front panel;

- Power – Indicates power connection
- Ring – Ring mode (on) / Unmanaged (off)
- SFP – Link/Act/Speed
- RJ45 – Link/Activity & Speed
- PoE – PoE Enable (on) – No PoE (off)

Full description in user manual

Controls



SW	DESC	FUNCTION	SW POS
1	GUI	Enabled Disabled	ON* OFF†
2	PoE Mode [1]	See Below	OFF*
3	PoE Mode [2]	See Below	OFF*
4	High Inrush Function	Enabled Disabled	ON OFF*
5	Ring/Bus	Non-Ring Ring	ON OFF*
6	Port 3 Fiber Speed	100Mbps 1000Mbps	ON OFF*
7	Port 4 Fiber Speed	100Mbps 1000Mbps	ON OFF*
8	Programming Mode	Program Default	ON OFF*

* Default settings.

† At Off position & power-up, switches to default settings.

Note: Power cycle (Off/On) required for any changes

Switch changes will override GUI settings

PoE [1]	PoE [2]	PoE Function
0	0	Web GUI (Default Setting)
0	1	bt 4-wire 90W max
1	0	PoH 90W max
1	1	Disable PoE

CLI – USB Connector

A proprietary driver is required to be installed onto the PC. Download driver from: www.silabs.com & search CP210x. Download & install relevant driver for your OS.

Setup: **bps** 57600. **Data Bits** 8. **Parity** None. **Stop Bits** 1. **Flow Control** None.

Typing “?” in the terminal command line lists all the CLI commands including input format information.

Web GUI

The OSD2281P provides a web-based browser interface which allows access to the switch using any common web browser.

Logging onto to the switch

- Specify the IP address of the switch. *Default IP address is 192.168.0.99*
- Username and password required. *Factory default username - “admin”. No password is set (leave blank) and click Login.*

Login to OSD2281P

admin

Password

Login

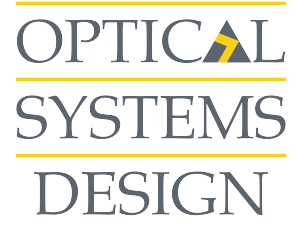
The user has access to Configure, Monitor or Maintain the OSD2281P. Full details in user manual. Visit www.osd.com.au



OSD2281P
Quick Start Guide



**Proudly Designed &
Manufactured in
Australia.**



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