

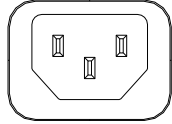
# 850X-54P Managed Switch

## 48-Port GbE PoE + 6-Port 10G SFP+

### Quick Installation Guide

Version: 1.01

#### Connecting Power



The 850X-54P can automatically adjust two AC power settings to adapt to any voltage supply in the 100~240 VAC 50/60Hz range. Connect one end of the supplied AC power cord to the AC power connector on the rear panel and the other end to a properly grounded power outlet.

**NOTE:** In PoE overload situations, the port with the lowest numbers has the highest priority.

#### LED Indicators

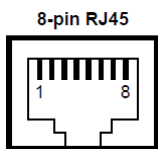
LED	Color	Description
PWR	On: Green	Power on.
	Off	Power off or fail
SYS	On: Green	System is ready.
	Blinking	System is booting up.
	Off	Power off or fail
PoE/Max	On: Green	Over PoE max power budget.
	Off	Below PoE max power budget.
ALM	On: Red	Alarm for system failure because of overheat or wrong voltage.
	Off	Switch is in operation with normal condition.
1~48 LAN Port Link/Act	On: Green	Ethernet LINK UP at 1000Mbps.
	On: Amber	Ethernet LINK UP at 10/100Mbps.
	Blinking	Ethernet traffic detected.
	Off	Ethernet LINK DOWN.
49~54 SFP+ Port Link/Act	On: Blue	LINK UP at 10Gbps.
	On: Green	LINK UP at 1000Mbps.
	Blinking	Traffic detected.
	Off	LINK DOWN.
PoE Status	On: Green	PoE power output on
	Off	PoE power output off

**NOTE:** The slide switch on the top right of the switch has two functions:

- By default, turning it to the left makes the switch's LAN port LED indicate Link/Act.
- Turning it to the right makes the switch's LAN port LED indicate PoE status.

#### RJ45 Connector Pinouts

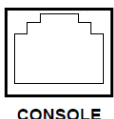
The pin assignment of RJ45 connector is shown in the following table.



Pin	Description	PoE Pinouts
1,2	T/Rx+,T/Rx-	V+
3,6	T/Rx+,T/Rx-	V-
4,5	T/Rx+,T/Rx-	X
7,8	T/Rx+,T/Rx-	X

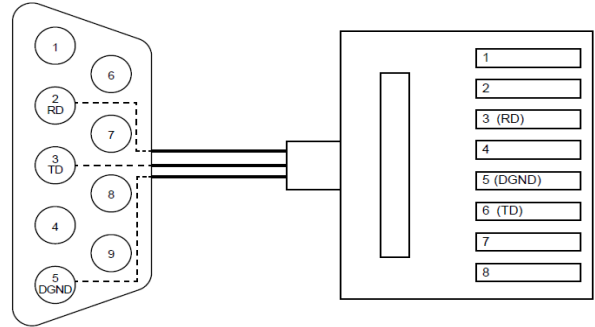
#### Console Connection

The console port on the front panel is for local management by using a terminal emulator or a computer with terminal emulation software.



- DB9 connector connect to computer COM port
- Baud rate: 115200bps
- 8 data bits, 1 stop bit
- None Priority
- None flow control

To connect the host PC to the console port, a RJ45 (male) connector-to-RS232 DB9 (female) connector cable is used. The RJ45 connector of the cable is connected to the console port of the switch, the DB9 connector of the cable is connected to the PC COM port. The pin assignment of the console cable is shown below:



**NOTE:** The console cable is not included in the package.

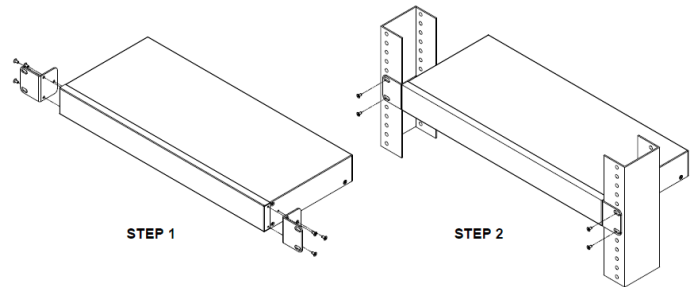
#### Rack Mounting

**STEP 1:** Align two brackets with the holes on the sides of the Switch and fasten the mounting kits by using screws.

**NOTE:** The type of screw is flat head M3 x 5mm.

**STEP 2:** After attaching two brackets, line up the rack-mounting positions of the holes in the brackets with the appropriate holes on the rack and then fasten the Switch on the rack by using screws.

**NOTE:** The rack-mounting screws are not included in the package.



#### Web Interface: Connect & Login

- Factory default IP: **192.168.1.1**
- Login with default account and password.

**Username:** root

**Password:** 2wsx#EDC

#### CLI Initialization and Configuration

- Key-in the command under Telnet: telnet **192.168.1.1**
- Login with default account and password.  
**Username:** root  
**Password:** 2wsx#EDC
- Change the IP with commands listed below:

```
config
ip address xxx.xxx.xxx.xxx mask xxx.xxx.xxx.xxx exit
```

#### NOTE

Please scan below QR Code to download online resources.

Download link: <https://www.proscend.com/en/product/850X-54P.html>



850X-54P

P/N: 604040000102