ALTA LABS

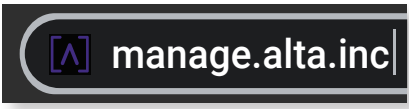
QUICK START GUIDE

MODEL: S8-POE

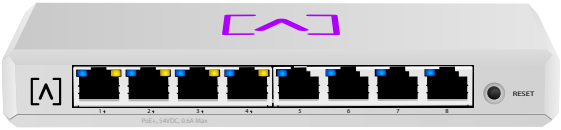
Before You Begin

Download the Alta app on your mobile device, and create your free Alta account.

You may also visit **manage.alta.inc** to manage your Alta devices.



Package Contents



S8-POE

Mounting Bracket

Mounting Screws
(M3x20mm, Qty. 2)

Anchors
(Qty. 2)

Power Supply

Note: We recommend using the included mounting hardware for product installation.

Installation Requirements

- Ethernet cabling (CAT 5 or above)
- Phillips screwdriver (for mounting)
- Pencil (for marking mounting template)
- Drill and drill bit (for mounting)

Hardware Overview

Top

The Alta Labs LED on top of the switch flashes as the unit is powered up. Once fully booted, the LED will remain lit unless turned off in the UI. The LED color can also be changed in the management interface.

Bottom

The bottom of the switch has padding for desktop placement and notches for mounting.

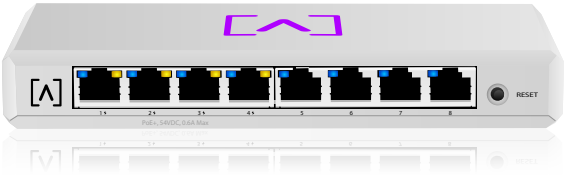
Back

Be sure to use the included power cord to connect power.

Front

Reset Button Press down for 10 seconds until the LED begins flashing to reset the switch to factory defaults.

Ports and LEDs



Ports 1-4 support 802.3at PoE+ with up to 30W per port and a PoE budget of 60 Watts. These ports are standard Gigabit Ethernet ports that support 10/100/1000 Mbps connections.

The **Link** LED on the left indicates a 10/100 Mbps connection when amber, blue indicates a 1 Gbps connection, and if not illuminated, the connection is down.

The **PoE** LED on the right will illuminate amber when a device connected to the port is being powered via Ethernet.

Ports 5-8 are standard Gigabit Ethernet ports that support 10/100/1000 Mbps connections.

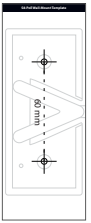
The **Link** LED indicates a 10/100 Mbps connection when amber, blue indicates a 1 Gbps connection, and if not illuminated, the connection is down.

Hardware Installation

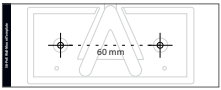
Mounting On A Wall

1. Locate the template included with the Quick Start Guide and Safety document.

2. Position the template in the desired location and use a pencil to mark the holes.

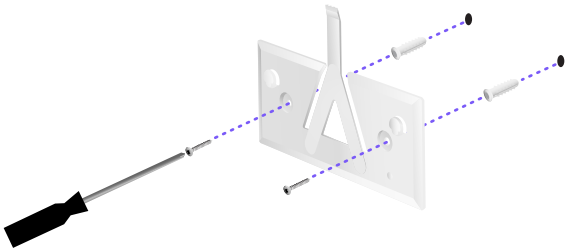


Vertical Mount or Horizontal Mount

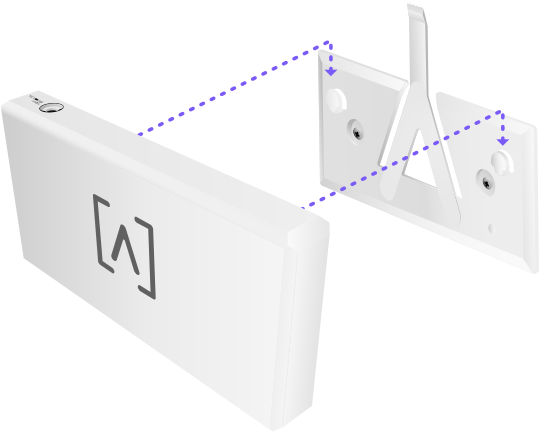


3. Secure the Mounting Bracket to the wall using the Mounting Screws and a Phillips screwdriver. Be sure to use the screws included with the product.

   If mounting on drywall, use the anchors to ensure secure mounting. Use a 6 mm drill bit to drill the holes for the anchors and insert them in the wall.



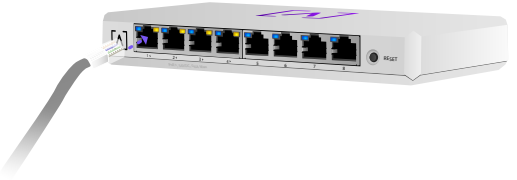
4. Align the switch with the Mounting Bracket. Note: the Alta Labs A logo should be facing the same position on the mount and the switch. Slide the notches over the tabs to lock the switch into place.



5. Connect the Power Supply to the switch and the other end to a power outlet.

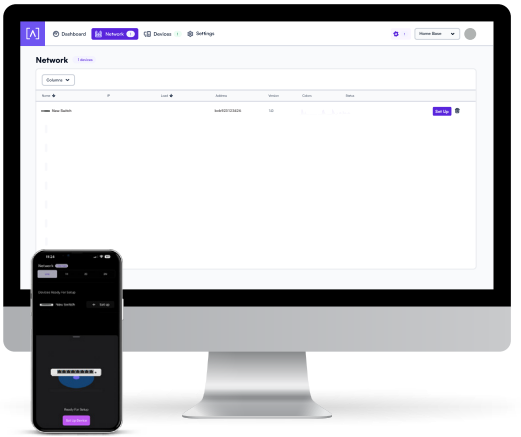
Connecting Devices

Connect devices that need Power over Ethernet to any of the first four ports. The ports are autosensing. Devices that do not require power can be connected to any port.



Set Up Your Device

Follow the instructions in the Alta app or management interface to set up your switch.



S8-POE Specifications

Mechanical	
Dimensions	25.7 x 91 x 180 mm (1 x 3.6 x 7.1")
Weight	.38 kg (.83 lbs)
Material Type	Injection Molded Plastic
Material Finish	Matte
Color	White

Ports	
Interface ports	(8) 10/100/1000 Mbps
SFP/SFP+	None
Switching Capacity	16 Gbps
Non-blocking Throughput	8 Gbps
Forwarding Rate	11.9 Gbps
PoE Budget/Max	60 Watts
PoE Supply	30 Watts per port
Per Port PoE	(4) 802.3at PoE+
Non-PoE Ports	(4)

LEDs	
PoE	Orange
Network	Orange: 10/100 Mbps, Blue: 1000Mbps
SFP/SFP+	None

Hardware	
Packet Buffer	4.1 Mbit
Mac Table Size	8 K

Hardware	
Energy Efficient Ethernet	Yes
Management	Factory reset button
Bluetooth	Yes, Setup

Power	
Max Power Consumption w/o PoE	8 Watts
Max Power Consumption Full PoE	68 Watts
Power Supply	Universal AC, 100 - 240VAC 50/60Hz External
RJ45 Port Surge Protection	12kV for ESD - contact, 25kV for ESD - Air

Environmental	
Mounting	Locking Wallmount
Operating Temperature	-5 to 50° C (23 to 122° F)
Operating Humidity	10 to 90% Noncondensing
IP Rating	None
EMI Rating	EMI Class-B with 3dB margin
Cooling Fan	No (Fanless cooling)
Certifications	CE, FCC, IC

Compliance

Federal Communication Commission Interference Statement

This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

This device is restricted to indoor use.

Non-Modification Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

CAN ICES-003(B) / NMB-003(B)

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

The transmitter module may not be co-located with any other transmitter or antenna.

Le module émetteur peut ne pas être coïmplanté avec un autre émetteur ou antenne.

ALTA LABS

Community Forum

forum.alta.inc

Technical Support

help.alta.inc

All specifications are subject to change without notice.
Alta Labs products are sold with a limited warranty:
alta.inc/warranty