

PSX8

8-Port PoE Switch
Multigigabit connectivity
Desktop, rack, wall mount
100% cloud managed



8x 2.5G Ethernet port



130W PoE Budget (802.3af/at)
40 Gbps switching capacity



Zero Config Plug-n-Play



Free cloud-based web console
for complete management



Universal mounting kit included

8-Port Entry-Level Multi-Gigabit Switch

The PSX8 is a compact 8-port 2.5G Ethernet Switch with PoE+ support, designed to power WiFi 6/6E Access Points, IP cameras, workstations, and IoT devices. With multi-gigabit data transfer and a fanless, silent design, it's ideal for small to medium-sized networks in noise-sensitive environments like offices, classrooms, or retail spaces.

Power over Ethernet (PoE)

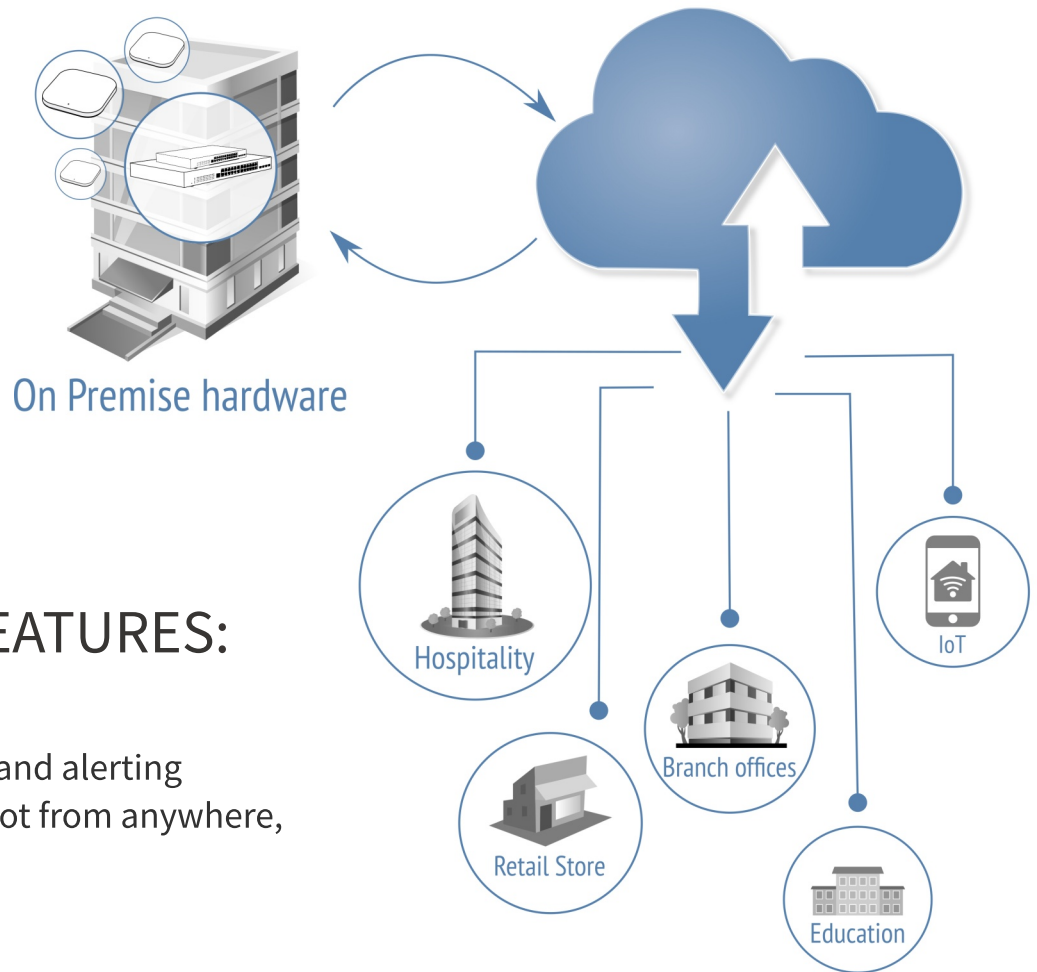
Power over Ethernet (PoE) supplies power and data over a single Ethernet cable connection. This reduces installation cost and effort for locations without available power lines.

The PSX8 Switch offers versatile PoE and PoE+ (802.3af/at) support, providing up to 30W per port to power a wide range of devices. PoE also enables centralized management and monitoring of the power supply for devices connected to Plasma Cloud PoE Switches.

Mounting Options

The PSX8 Switch offers versatile installation options for rack, wall, and desktop setups. The Switch can be securely mounted to a standard 19-inch rack or fixed to a wall with the included brackets. For desktop installation, the provided rubber feet can be easily attached to the underside of the unit, allowing for stable, non-slip placement on flat surfaces.

DESIGNED FOR **WiFi AS A SERVICE**



CLOUD **KEY** FEATURES:

- Zero touch deployment
- Automated monitoring and alerting
- Manage and troubleshoot from anywhere, anytime

INDUSTRY **LEADING** SOFTWARE AND PRODUCTS



Affordable Network Solution

Plasma Cloud offers an affordable turnkey solution to cover all needs in and around your network. WiFi Access Points and Switches in various sizes to fit your needs & budget bundled with free & powerful cloud management.



Best In-Class Cloud

Plasma Cloud's technology team has built the fastest and most scalable network management cloud system. Our experts have put in their combined experience to develop a truly unique product that will impress you in many ways.



Simplicity is Key

Plasma Cloud is designed for the needs of those tired of endless manual tweaking and cumbersome monitoring. Our smart software is designed to minimize setup effort to the essential and get you started in no time!

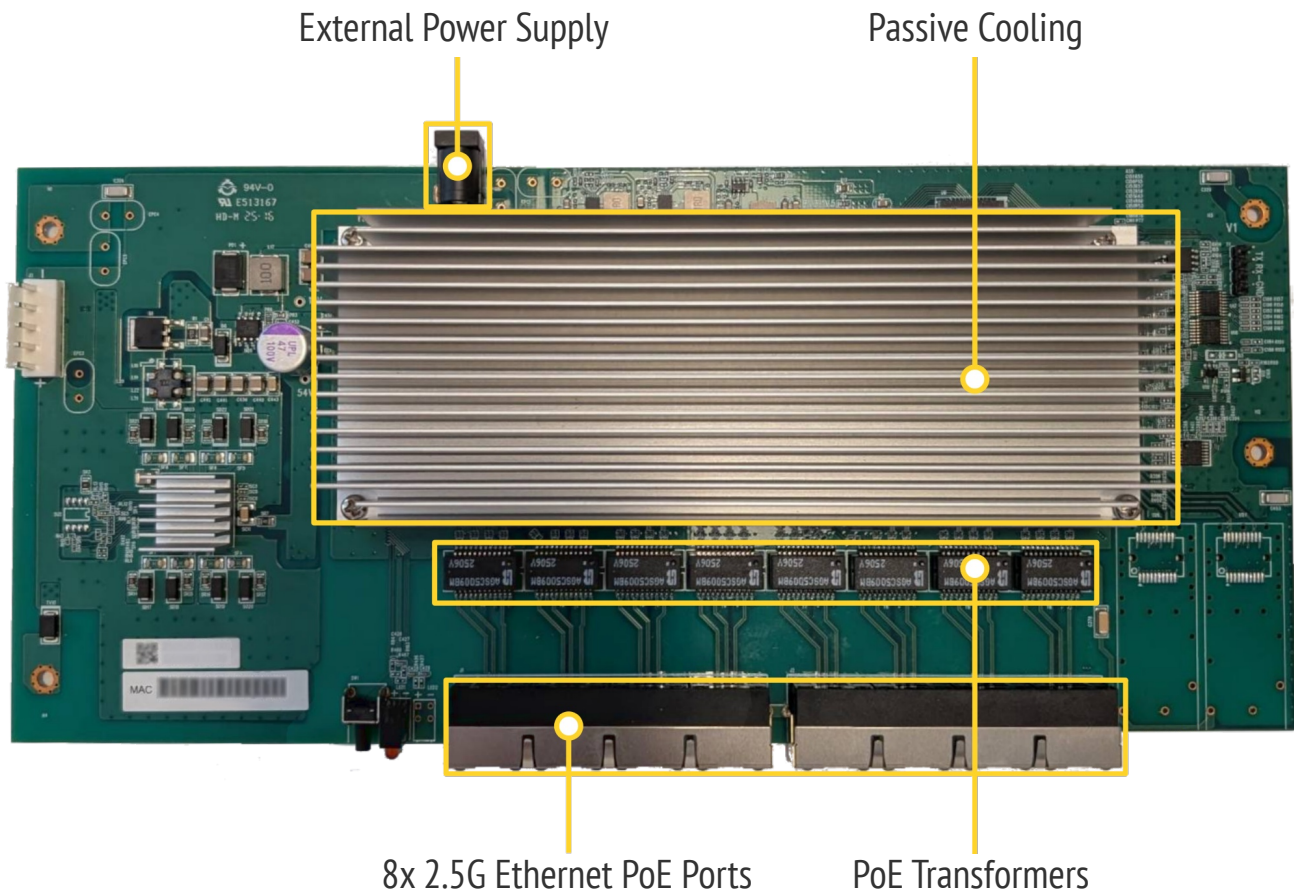


White-Label Dashboard

Plasma Cloud provides a rebrandable dashboard enabling businesses to harness a powerful and user-friendly cloud management platform under their own brand name.

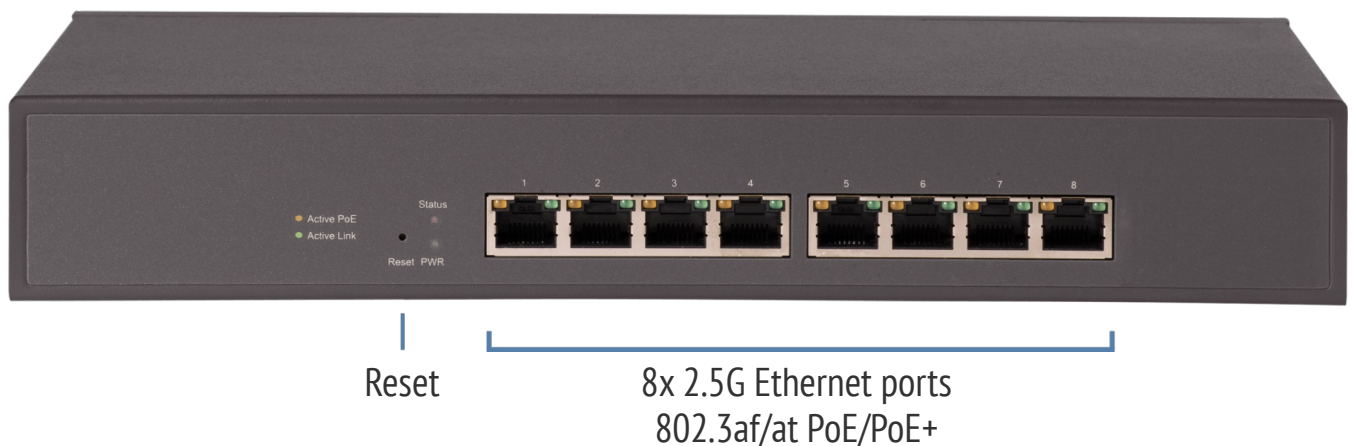
INSIDE THE PSX8

Enterprise-class hardware



PORT BAY OVERVIEW

Multigigabit ports for high-speed connectivity



POE SUPPORT

PoE Budget & Capability

The Plasma Cloud PSX8 Switch provides a total power budget of **130 Watt**, and supports **two PoE standards** (802.3af/at). Each port automatically detects the appropriate PoE standard for its connected device, ensuring efficient mixed-device support.

PoE 802.3af 15 W | **PoE+** 802.3at 30 W

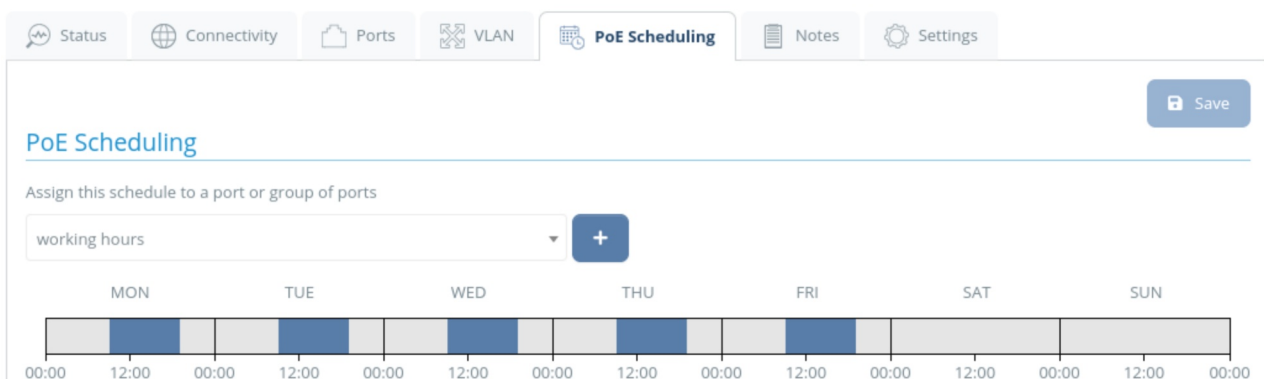
How many devices can be powered?

The number of devices that can be powered simultaneously depends on the maximum power consumption of each device. If the exact value is unknown, it can be estimated using the PoE standard. Based on maximum power consumption, the PSX8 can support the following number of Plasma Cloud WiFi Access Points:



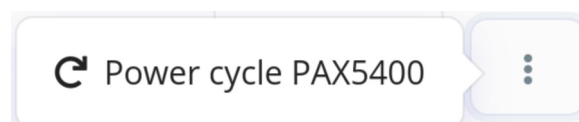
PoE Scheduling

PoE scheduling allows to conveniently turn off connected devices whenever they are not needed based on predefined schedules.



Power Cycle Devices

PoE provides complete control over a power line, enabling network administrators to remotely power cycle connected devices effortlessly through the Plasma Cloud Console.

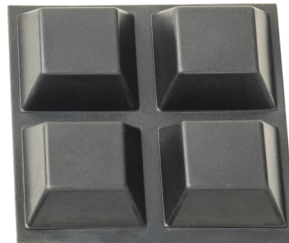


UNIVERSAL MOUNTING KIT

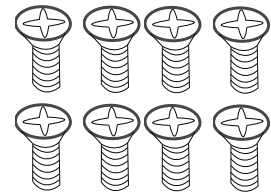
The universal mounting kit includes various mounting options.



Mounting Brackets



Rubber Feet



Screws

MOUNTING OPTIONS

The Plasma Cloud PSX8 Switch can be securely mounted to standard 19" racks, or walls using the included brackets, ensuring stability and proper placement within a network environment. Alternatively, the PSX8 Switch can be placed on a desk by attaching the provided rubber feet to the bottom of the device for stable, non-slip support.



Rack Mount



Wall Mount



Desktop

TECHNICAL SPECIFICATIONS

Ethernet Ports	8x 2.5 Gbps (RJ45)
Memory	256 MB RAM
Flash Memory	32 MB NOR
PoE Budget	130 W
PoE Standard	IEEE 802.3af/at
Switching Capacity	40 Gbps
Hardware Watchdog	Yes
Fan	Fanless (passive cooling)
Power Supply	External
Power Input	54 V / 2.77 A
Mounting Options	Desktop, rack mount, wall mount
Dimension (W x D x H)	280 x 125 x 43.5mm
Weight	1.34 kg
Operating Temperature	0 ~ 50°C (32 ~ 104°F)
Operating Humidity	10 ~ 90% Relative Humidity
Storage Temperature	-40 ~ 70°C (-40 ~ 158°F)
Certifications	CE, FCC, IC, RCM, NZ
Layer 2 Features	IEEE802.3ad Link Aggregation, Port Mirroring, 802.1q Port Trunking, IGMP Snooping v1/v2/v3, IGMP Fast Leave, MLD Snooping, VLAN Group, Voice VLAN, 802.1D Spanning Tree Protocol (STP), 802.1p Traffic Priority Management
Zero Config Plug-n-Play	Yes
Cloud Console included	Yes
Mobile App included	Yes