

# PSX28

28-Port PoE Switch  
 Multigigabit connectivity  
 Rack, wall, desktop mount  
 100% cloud managed



**24x 2.5G Ethernet ports  
 4x 10G SFP+ uplink slots**



**400W PoE Budget (802.3af/at/bt)  
 200 Gbps switching capacity**



**Zero Config Plug-n-Play**



**Free cloud-based web console  
 for complete management**



**Universal mounting kit included**

## 28-Port Switch for High-Performance Networks

This 24x 2.5 Gigabit Ethernet port Switch with 4x 10 Gigabit SFP+ uplink ports is ideal for powering high-performance devices like WiFi 6/7 Access Points, IP cameras, workstations and IoT devices. The PSX28 provides fast, multi-gigabit data transfer and high-speed fiber uplinks for efficient network backbone connectivity.

## POWER OVER ETHERNET (PoE)

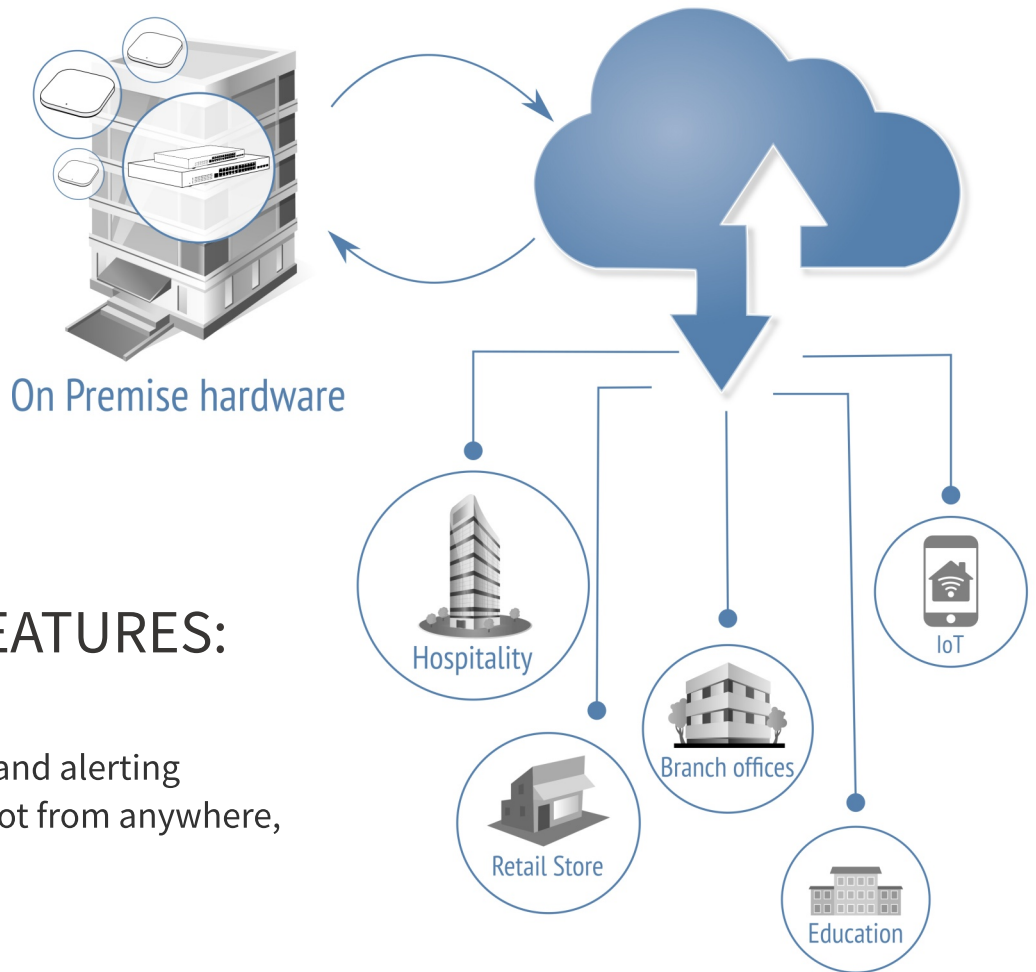
Power over Ethernet (PoE) supplies power and data over a single Ethernet cable connection. This reduces installation cost and effort for locations without available power lines.

The PSX28 switch can power a network with versatile PoE support. It delivers full PoE, PoE+, and PoE++ (802.3af/at/bt) capabilities, providing up to 90W 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 PSX28 switch offers versatile mounting options, including rack mount, wall mount, and desktop installation. Using the included mounting brackets, the switch can be securely attached to a standard equipment rack or mounted on a wall for space-efficient deployment. For desktop use, the provided rubber feet can be attached to the bottom 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!

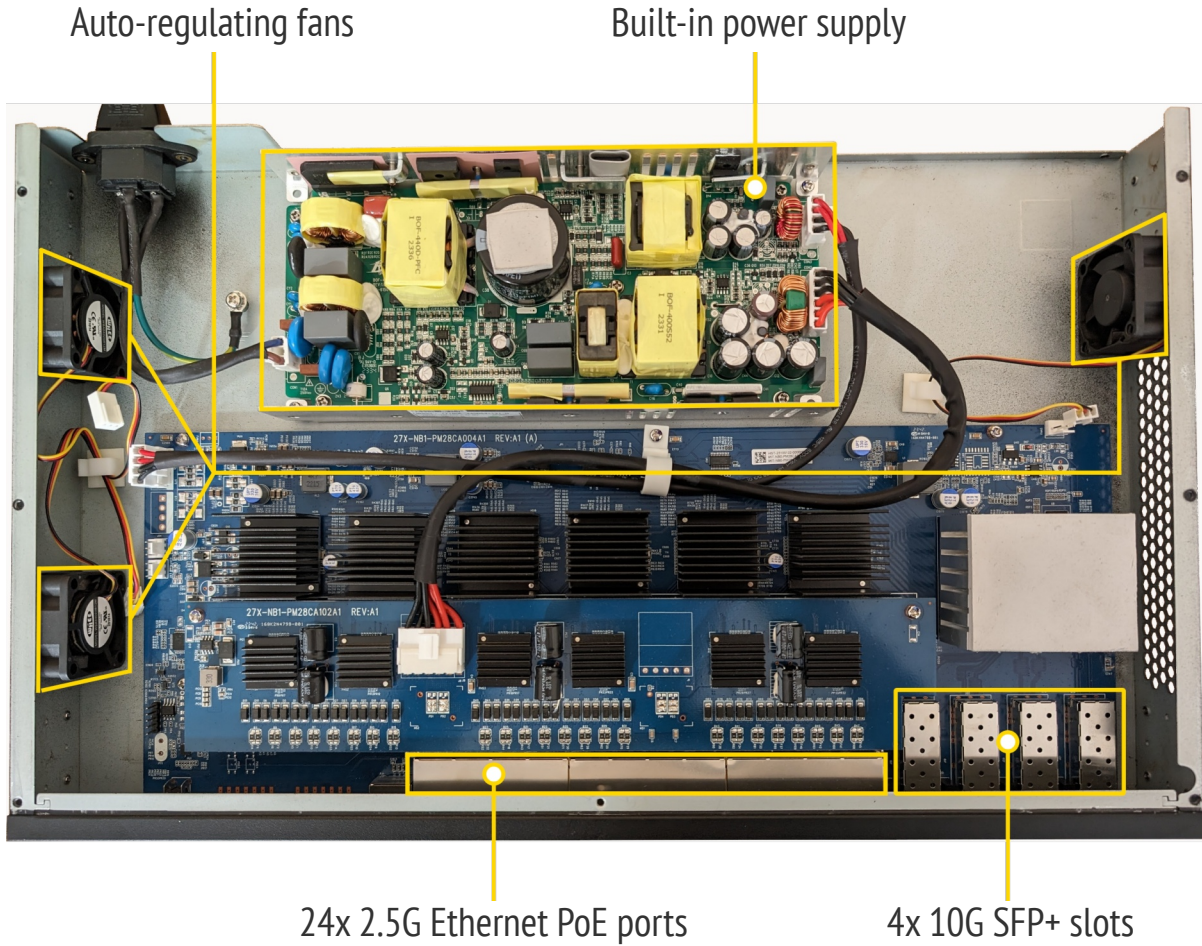


### White-Label Dashboard

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 PSX28

Enterprise-class hardware



## PORT BAY OVERVIEW

Multigigabit ports for high-speed connectivity with flexible power options



Reset

Console port  
RJ45

24x 2.5G Ethernet ports  
802.3af/at/bt PoE/PoE+/PoE++

4x 10G SFP+  
uplink ports

# POE SUPPORT

## PoE Budget & Capability

The Plasma Cloud PSX28 switch provides a total power budget of **400 Watt**, and supports various PoE standards (802.3af/at/bt). Each port automatically detects the appropriate PoE standard for its connected device, ensuring efficient mixed-device support.

**PoE** 802.3af | **PoE+** 802.3at | **PoE++** 802.3bt  
 15 W | 30 W | 90 W

## How many devices can be powered?

The number of devices that can be powered simultaneously depends on each device's power requirements and can be estimated based on its PoE standard.

x24 PAX1800

x15 PAX5400

## 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.

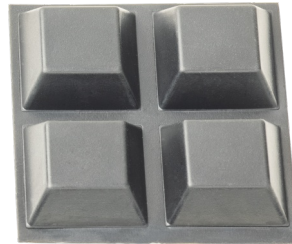
Power cycle PAX5400

# UNIVERSAL MOUNTING KIT

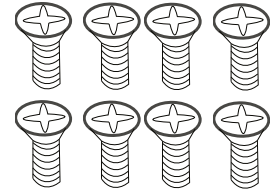
The universal mounting kit includes various mounting options.



**Mounting Brackets**



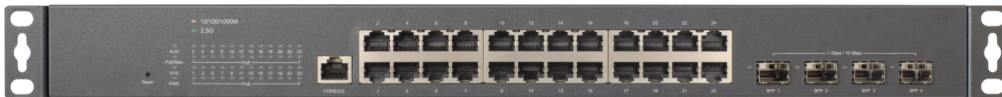
**Rubber Feet**



**Screws**

## MOUNTING OPTIONS

The Plasma Cloud PSX28 Switch can be securely mounted to racks or walls using the included brackets, ensuring stability and proper placement within a network environment. Alternatively, the PSX28 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

|                                |  |
|--------------------------------|--|
| <b>Ethernet Ports</b>          | 24x 2.5 Gbps (RJ45)  |
| <b>Fiber Slots</b>             | 4x 10 Gbps (SFP+)  |
| <b>Console Port</b>            | 1  |
| <b>Memory</b>                  | 256MB RAM  |
| <b>Flash Memory</b>            | 32MB NOR   |
| <b>PoE Budget</b>              | 400 W  |
| <b>PoE Standard</b>            | IEEE 802.3af/at/bt   |
| <b>Switching Capacity</b>      | 200 Gbps   |
| <b>Hardware Watchdog</b>       | Yes  |
| <b>Fan</b>                     | 3  |
| <b>Power Input</b>             | 90-264 VAC, 47-63Hz  |
| <b>Mounting Options</b>        | Desktop, rack mount, wall mount  |
| <b>Dimension (W x D x H)</b>   | 441 x 270 x 44 mm  |
| <b>Weight</b>                  | 4.46 kg  |
| <b>Operating Temperature</b>   | 0 ~ 50°C (32 ~ 104°F)  |
| <b>Operating Humidity</b>      | 10 ~ 90% Relative Humidity   |
| <b>Operating Temperature</b>   | -20 ~ 70°C (-4 ~ 158°F)  |
| <b>Certifications</b>          | CE, FCC, IC, RCM   |
| <b>Layer 2 Features</b>        | 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 |
| <b>Zero Config Plug-n-Play</b> | Yes  |
| <b>Cloud Console included</b>  | Yes  |
| <b>Mobile App included</b>     | Yes  |