

# PAX5400

Tri-band Access Point  
 WiFi 6/6E (802.11ax)  
 100% outdoor ready  
 cloud managed



## PAX5400



**2.4 GHz, 5 GHz and 6 GHz  
 802.11ax concurrent WiFi**



**Zero Config Plug-n-Play**



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



**Water and dust resistant  
 with an IP55 rating**



**Universal installation kit included**

### TRI-BAND WiFi 6/6E (802.11AX) ACCESS POINT

This tri-band WiFi 6/6E (802.11ax) Access Point provides multi-gigabit WiFi for venues with superb capacity and bandwidth requirements. The powerful 2.4 GHz, 5 GHz and 6 GHz WiFi radios render it ideal for high-end home, education & office networks with max-throughput and high-density demands.

### POWER OVER ETHERNET (PoE)

Power over Ethernet (PoE) allows the PAX5400 to be supplied with power and data over a single Ethernet cable connection. This reduces installation cost and effort for locations without available power lines. Furthermore, when connected to a Plasma Cloud PoE switch, PoE allows to centrally manage & monitor the power supply.

### ETHERNET PORTS

In order to benefit from the exceptional WiFi throughput, the PAX5400 is equipped with a single 2.5 GE port and a secondary 1 GE port. The 2.5 GE port is the ideal uplink as it provides the capacity to deliver multi-gigabit WiFi to your wired network. It should be noted that a 2.5GE capable infrastructure (incl. cables and switches) all the way to your internet connection are needed to achieve maximum throughput.

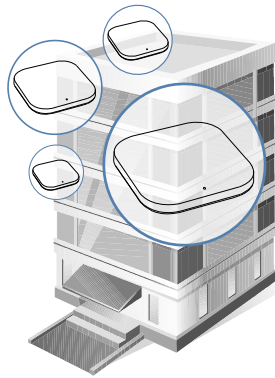
### MOUNTING OPTIONS

Regardless where to place the access points – on a wall, ceiling grid, pole, outdoors – the installer kit included with every AccessPoint facilitates the installation. Easily pluggable mounting options got you covered for every scenario.

# NETWORK AS A SERVICE (NaaS)

## HIGHLIGHTS:

- Access Control
- Presence Data
- Guest WiFi
- Advertising

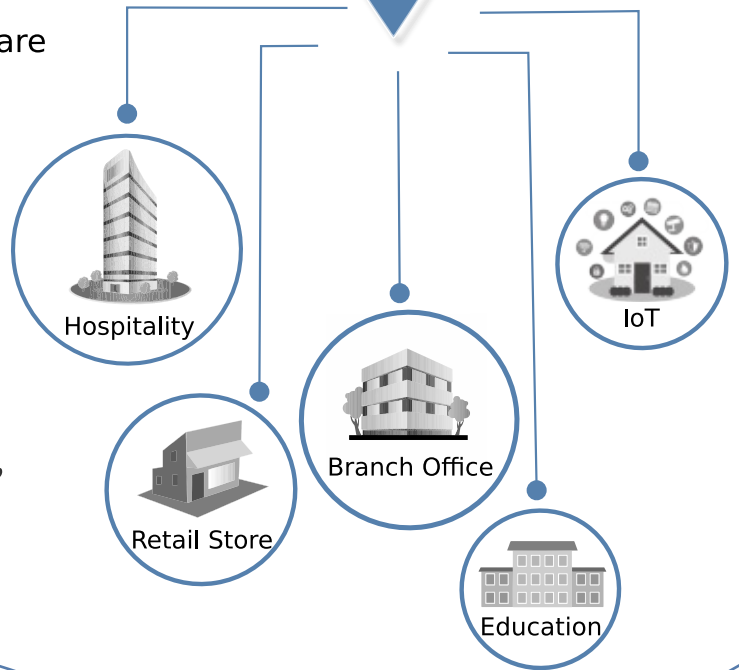


On Premise Hardware



## 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

Our dashboard is the reference web interface. It is designed to be highly customizable, both for branding and adaptation purposes as well as for the end-user.

# HOUSING

- IP55 Rated Outdoor Housing
- Water Resistance



-  Operating temperature: 0 °C ~ 40 °C
-  Operating humidity: 0% ~ 90% typical
-  Storage temperature: -30 °C ~ 80 °C

Water resistant design with sealed top and bottom enclosures and water resistant cable bay allows versatile installation environment including shaded garden, under eaves, outdoor shed, or veranda.

# MOUNTING OPTIONS



Wall Mount

Pole Mount

T-rail Mount

Junction Plate

# TECHNICAL SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| <b>Radio Chains / Streams</b>  | 2x2 on 2.4 GHz, 2x2 on 5 GHz and 2x2 on 6 GHz                   |
| <b>Antennas</b>                | 5.0 dBi on 2.4 GHz / 5 GHz / 6 GHz                              |
| <b>Data Rates</b>              | 573 Mbps + 2402 Mbps + 2402 Mbps                                |
| <b>2.4 GHz</b>                 | 2 stream, 802.11 b/g/n/ax (max rate: 574 Mbps), MU-MIMO/OFDMA   |
| <b>5 GHz</b>                   | 2 stream, 802.11 a/n/ac/ax (max rate: 2402 Mbps), MU-MIMO/OFDMA |
| <b>6 GHz</b>                   | 2 stream, 802.11ax (max rate: 2402 Mbps), MU-MIMO/OFDMA         |
| <b>Processor</b>               | Qualcomm Maple IPQ5018  |
| <b>Memory</b>                  | 1024 MB DRAM DDR3<br>64 MB NOR Flash                            |
| <b>Hardware Watchdog</b>       | Yes   |
| <b>Physical Interface</b>      | 1x 2.5 Gbps Ethernet port<br>1x 1.0 Gbps Ethernet port          |
| <b>PoE</b>                     | 802.3at   |
| <b>DC Jack</b>                 | 12V / 2A  |
| <b>Power Consumption</b>       | Min : 5W (PoE) / 3.5W (DC)<br>Max : 27W                         |
| <b>Indoor / Outdoor Rating</b> | CE marked for indoor / outdoor use, IP55                        |
| <b>Dimension (W x D x H)</b>   | 200 x 200 x 38 mm   |
| <b>Weight</b>                  | 760 g   |
| <b>Operating Temperature</b>   | 0 °C ~ 40 °C (32 °F ~ 104 °F)                                   |
| <b>Certifications</b>          | CE, FCC, IC, RCM  |
| <b>Zero Config Plug-n-Play</b> | Yes   |
| <b>Wireless Mesh Network</b>   | Yes   |
| <b>Cloud Console included</b>  | Yes   |
| <b>Mobile App included</b>     | Yes   |