Instant on

Introducing the New Aruba Instant On AP22D Access point

Meet the AP22D Instant On Access Point, the newest addition to our Instant On WiFi 6 product lineup.

Specifically designed with small to medium businesses in mind, the Instant On AP22D is a compact yet powerful wireless access point. With the ability to support up to 75 simultaneous users, and downlink ports that can be used to connect in-room devices such as printers or IP televisions and phones, this access point is the perfect choice for compact spaces like small offices, hotel rooms, receptions, or rooms in medical facilities.

The AP22D is an all-in-one wired and wireless access solution. It provides the versatility to connect and power wired devices without requiring an extra switch. And, by connecting this AP22D to any other Instant On access point over the air using Smart Mesh Technology, customers can extend wireless coverage and gain access to four extra wired ports.

The versatility of its features makes the Instant On AP22D a great fit for many use cases and industries - read on to find out more.

AP22D Key Features

- Fast Wi-Fi 6 with built-in features like WPA3, Target Wake Time, and more efficient data transmission protocols.
- Smart Mesh WiFi so you can connect and expand your network with up to 25 access points wirelessly.
- All-in-one connectivity with 2.5GbE uplink port, 4x 1GbE downlinks and dual-band Wi-Fi 6 support.
- Capability to deliver up to 15W of PoE power to two downlinks ports
- Flexible Powering with any POE, POE+, or POE++ device, or get the optional 48v DC Power supply.
- Secure storage of credentials, keys, and boot codes.
- Built-in security gateway and firewall keeps business and guest traffic separate.

Benefits of AP22D

- Flexible placement with both desk and wall mount options, allowing you to optimise connectivity by hanging or positioning it anywhere within your space.
- Brighten dead zones by extending network coverage with Smart Mesh technology.
- Manage power usage efficiently by utilising POE site schedules in the Instant On mobile app or portal to reduce facility overhead costs.
- Can easily power equipment such as surveillance cameras, IP phones and digital signage
- 2-year warranty
- 24/7 phone support for 90 days.
- 24/7 chat and community support for the life of the product.

The Instant On Wi-Fi 6 solution: connectivity for any space

Wi-Fi 6 supports superior wireless capacity and connectivity with:

- Higher device capacity and faster data processing.
- Optimises your environment for cloud-centric apps.
- Improved Smart Mesh capabilities.
- Target Wake Time (TWT) significantly improves network efficiency and device battery life, including IoT devices.

Instant On 1960 and Wi-Fi 6 give you the most capacity:
The 2.5GbE uplink port makes the AP22D a great candidate to stack with the new Instant On 1960 12-port multi-gigabit access switch. The 1960 multi-gigabit switch can fully power the AP22D over one of its four 2.5GbE port, and Class 6 POE with the 1960 access switch gives the AP22D its full capabilities.

Use Cases

Event venues
Event venues are high-density environments that deal with weekly, predictable device surges, meaning they need to be able to turn capacity on and off. In addition, these businesses need to keep guests connected during events to support social media, live-streaming, or vendor demos. For these facility owners, i is valuable to always be able to set up on admin networks, and activate and deactivate guest networks every week.

The Instant On AP22D:
- Can bring connectivity to wireless dead zones with its Smart Mesh feature and offers POE support for nearby devices, like security cameras.
- Allows you to manage POE site schedules or deactivate guest networks when the venue is closed with the Instant On web portal or app.
- Used alongside the Instant On 1960 12-port multi-gig access switch, you can seamlessly support your guests and event hosts' needs with four ports of 2.5GbE.

Micro resorts:

Micro resorts might be budget-constrained, but they still need Wi-Fi coverage across the property because full coverage enhances the guest experience. A guest room can contain at least 5 IOT devices, like a TV, room lock, thermostat, phone, or wireless access point, and POS areas like the dining room, shopping center, or reception require ethernet ports and wireless coverage. Having a system that can support all this is crucial.

The Instant On AP22D:
- Ensures that built-in wired and wireless access can be used in many places on the resort property.
- Is versatile in its in-room uses, powered by either POE or the 48v DC power supply.
- Hardwired AP22Ds can use Smart Mesh with the DC-powered AP22Ds to provide wider wireless coverage.
- Used alongside the Instant On 1960 12-port multi-gig access switch, you can seamlessly support your guests' needs with four ports of 2.5GbE.

Education

With the evolution of digital learning, providing wired and wireless connectivity in every classroom is a must, and it is now commonplace for schools to offer a guest network for visitors and parents too. However, not all classrooms were built with wireless connectivity in mind and may not have an ethernet port, and school buildings themselves could be blocking wireless reception.

Instant On AP22D:
- Expands the bandwidth capacity of your network over previous 1GbE port access points with its 2.5GbE uplink port.
- Can use its four downlink ports to give connectivity for hardwired in-room devices like teacher PCs, smartboards, or phones.
- Provides connectivity to rooms without Ethernet ports or to wireless dead zones with its Smart Mesh feature.

Personal or Home Network:

The sprawl of home automation IOT devices has increased the demand for modern networks. And, in a home-office environment, end users need more reliable connectivity than an all-in-one modem can provide. Because many homes don't have ethernet ports in every room, being able to set up a mesh network with minimal configuration is often the easiest option.

Instant On AP22D:
- Makes it easy to connect a printer, gaming desktop, or game system to the network with its 4 downlink ports.
- Ensures that connections to other parts of the home are easy to set up and manage with Smart Mesh.
- Can maximise your home network performance used alongside the Instant On 1960 multi-gigabit access switch and its 2.5GbE downlink ports.

Ready to learn more?

To find out more about the Aruba Instant On AP22D, and to discover how your small to medium business can take advantage of its many benefits, contact your TD SYNNEX representative today.

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