

# HPE Aruba Instant ON AP22 (RW)

Radio access point - Bluetooth - Wi-Fi 6 - 2.4 GHz - 5 GHz - wall / ceiling mountable

|                       |                   |
|-----------------------|-------------------|
| Group                 | Network Equipment |
| Manufacturer          | HPE               |
| Manufacturer item no. | R4W02A            |
| EAN/UPC               | 0190017445397     |



## Description

Small businesses are facing a number of challenges - challenges that need constant attention. The right technology can help you stay on top of them and stay ahead of the curve. Technologies like the ones found inside the AP22. To meet the increasing needs and volumes of connected devices, Aruba Instant On is announcing its Wi-Fi 6 access point: AP22. Delivering higher capacity and greater performance at a competitive price, the AP22 is the perfect access point for small businesses with expanding mobile, cloud, and IoT requirements. Wi-Fi AP22 access point delivers faster Wi-Fi speeds, greater capacity, and reduced latency between access points and devices for an amazing Wi-Fi experience. With the AP22, you can upgrade your Wi-Fi network to boost performance across devices, while preparing it for more mobile and IoT devices in the future. AP22 can provide an exceptional user experience in a broad variety of scenarios. Remote offices, hybrid classrooms, hotels and restaurants. The AP22 can handle them all without breaking a sweat. No business can't afford downtime. The Aruba Instant On AP22 is designed for rapid deployment and simplified management. The AP22 lives to make your life easier.

## Main features

|                                     |  |
|-------------------------------------|--|
| Product Description                 | HPE Aruba Instant ON AP22 (RW) - radio access point - Bluetooth, Wi-Fi 6                   |
| Device Type                         | Radio access point   |
| Form Factor                         | Wall / ceiling mountable - indoor  |
| Data Link Protocol                  | Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 802.11ax |
| Frequency Band                      | 2.4 GHz, 5 GHz   |
| Performance                         | Maximum data rate (5 GHz): 1.2 Gbps   Maximum data rate (2.4 GHz): 574 Mbps                |
| Included Accessories                | Wall/ceiling rail mounting clip  |
| Power Over Ethernet (PoE) Supported | PoE  |
| Dimensions (WxDxH)                  | 16 cm x 16 cm x 3.7 cm   |
| Weight                              | 500 g  |

## Extended details

|             |                    |
|-------------|--------------------|
| General     |                    |
| Device Type | Radio access point |

|                                     |  |
|-------------------------------------|--|
| Ruggedized Design                   | Indoor   |
| Width                               | 16 cm  |
| Depth                               | 16 cm  |
| Height                              | 3.7 cm   |
| Weight                              | 500 g  |
| <b>Networking</b>                   |  |
| Form Factor                         | Wall / ceiling mountable   |
| Connectivity Technology             | Wireless   |
| Line Coding Format                  | 1024 QAM   |
| Data Link Protocol                  | Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 802.11ax   |
| Spread Spectrum Method              | OFDMA  |
| Network / Transport Protocol        | PPPoE  |
| Frequency Band                      | 2.4 GHz, 5 GHz   |
| Performance                         | Maximum data rate (5 GHz): 1.2 Gbps   Maximum data rate (2.4 GHz): 574 Mbps  |
| Status Indicators                   | Status   |
| Features                            | Firewall protection, manageable, static IP mode, Trusted Platform Module (TPM), reset button, Low Density Parity Check (LDPC), Transmit Beam-forming (TxBF) ready, security lock slot (cable lock sold separately), Advanced Cellular Coexistence (ACC), MU-MIMO technology, 2x2 MIMO technology, Bluetooth (BLE) clients support, Target Wait Time (TWT), Smart Mesh technology, BSS Coloring |
| Encryption Algorithm                | WPA2, WPA3   |
| Compliant Standards                 | IEEE 802.11b, IEEE 802.11a, IEEE 802.3af, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, Wi-Fi CERTIFIED 6  |
| <b>Aerial</b>                       |  |
| Antenna                             | Internal   |
| Directivity                         | Omni-directional   |
| <b>Internet of Things (IoT)</b>     |  |
| Internet of Things (IoT) Compatible | Yes  |
| Communications Technology           | Bluetooth Low Energy (LE)  |
| <b>Expansion / Connectivity</b>     |  |
| Interfaces                          | 1 x Ethernet 1000 (uplink)   |
| <b>Miscellaneous</b>                |  |
| Included Accessories                | Wall/ceiling rail mounting clip  |

|                                     |  |
|-------------------------------------|--|
| Cables Included                     | 1 x network cable  |
| MTBF                                | 91 years   |
| Compliant Standards                 | UL 2043, EN 60601-1-2, EN 60601-1-1  |
|                                     | <b>Power</b>   |
| Power Over Ethernet (PoE) Supported | PoE  |
|                                     | <b>Software / System Requirements</b>  |
| Software Included                   | InstantOn  |
|                                     | <b>Manufacturer Warranty</b>   |
| Service & Support                   | Limited warranty - 1 year   Technical support - phone consulting - 90 days   Product info support - web support - 1 year |
|                                     | <b>Environmental Parameters</b>  |
| Min Operating Temperature           | 0 °C   |
| Max Operating Temperature           | 40 °C  |

Technical data © 1WorldSync. Subject to technical modifications and errors.