

^ Overview

|                   |                                       |
|-------------------|---------------------------------------|
| Dimensions        | Ø197 x 35 mm<br>(Ø7.8 x 1.4")         |
| WiFi Standard     | WiFi 6                                |
| Spatial Streams   | 6                                     |
| Coverage Area     | 140 m² (1,500 ft²)                    |
| Max. Client Count | 350+                                  |
| Uplink            | GbE                                   |
| Mounting          | Ceiling, Wall<br>(Pro Mount Included) |
| Weatherproofing   | IP54                                  |
| Power Method      | PoE                                   |

^ Performance

|                |                       |
|----------------|-----------------------|
| MIMO           |                       |
| 5 GHz          | 4 x 4 (DL/UL MU-MIMO) |
| 2.4 GHz        | 2 x 2 (UL MU-MIMO)    |
| Max. Data Rate |                       |
| 5 GHz          | 4.8 Gbps (BW160)      |
| 2.4 GHz        | 573.5 Mbps (BW40)     |
| Antenna Gain   |                       |
| 5 GHz          | 6 dBi                 |
| 2.4 GHz        | 4 dBi                 |
| Max. TX Power  |                       |
| 5 GHz          | 26 dBm                |
| 2.4 GHz        | 22 dBm                |

Max. BSSIDs 8 per Radio

## Supported Data Rates

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| 802.11ax (WiFi 6) | 7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160) |
| 802.11ac (WiFi 5) | 6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160) |
| 802.11n           | 6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)                   |

## ^ Features

|                                         |   |
|-----------------------------------------|---|
| Wireless Meshing                        | ✓ |
| Band Steering                           | ✓ |
| 802.11v BSS Transition Management       | ✓ |
| 802.11r Fast Roaming                    | ✓ |
| 802.11k Radio Resource Management (RRM) | ✓ |
| Advanced Radio Management               | ✓ |
| Passpoint (Hotspot 2.0)                 | ✓ |
| Captive Hotspot Portal                  |   |
| Custom Branding Landing Page            | ✓ |
| Voucher Authentication                  | ✓ |
| Payment-Based Authentication            | ✓ |
| External Portal Server Support          | ✓ |
| Password Authentication                 | ✓ |
| Guest Network Isolation                 | ✓ |
| Private Pre-Shared Key (PPSK)           | ✓ |
| WiFi Speed Limiting                     | ✓ |
| Client Device Isolation                 | ✓ |
| WiFi Schedules                          | ✓ |
| RADIUS over TLS (RadSec)                | ✓ |
| Dynamic RADIUS-assigned VLAN            | ✓ |

## ^ Hardware

|                               |                                                                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. Power Consumption        | 13W                                                                                                                                                                                                   |
| Supported Voltage Range       | 44—57V DC                                                                                                                                                                                             |
| Networking Interface          | (1) GbE RJ45 port                                                                                                                                                                                     |
| Weight                        | Device: 580 g (1.3 lb)<br>With mount: 720 g (1.6 lb)                                                                                                                                                  |
| Management                    | Ethernet<br>Bluetooth                                                                                                                                                                                 |
| Enclosure Material            | Polycarbonate                                                                                                                                                                                         |
| Mount Material                | Stainless steel (SUS304)                                                                                                                                                                              |
| LEDs                          |                                                                                                                                                                                                       |
| System                        | White/Blue                                                                                                                                                                                            |
| Channel Bandwidth             | HT 20/40, VHT 20/40/80/160, HE 20/40/80/160 (MHz)                                                                                                                                                     |
| NDAA Compliant                | ✓                                                                                                                                                                                                     |
| Certifications                | CE, FCC, IC, Anatel, SRRC                                                                                                                                                                             |
| Operating Frequency           | US/CA:<br>2400 - 2472 MHz<br>U-NII-1: 5150 - 5250 MHz<br>U-NII-2A: 5250 - 5350 MHz<br>U-NII-2C: 5470 - 5725 MHz<br>U-NII-3: 5725 - 5850 MHz<br><br>Worldwide:<br>2400 - 2483.5 MHz<br>5150 - 5725 MHz |
| Ambient Operating Temperature | -30 to 60° C (-22 to 140° F)                                                                                                                                                                          |
| Ambient Operating Humidity    | 5 to 95% noncondensing                                                                                                                                                                                |

^ **Software**

Application Requirements

|               |                          |
|---------------|--------------------------|
| UniFi Network | Version 6.0.45 and later |
|---------------|--------------------------|