Access-Point UbiQuiti UniFi Swiss Army Knife Ultra – Technisches Datenblatt

Overview

Dimensions: 137 x 84 x 34 mm (5.4 x 3.3 x 1.3")

WiFi Standard: WiFi 5

Spatial Streams: 4

Coverage Area: 115 m^2 (1,250 ft^2)

Max. Client Count: 200+

Uplink: GbE

Mounting: Ceiling, Wall, Pole, Table (With Accessory) (Mounts Included), Desktop Stand (Optional)

Weatherproofing: IPX6

Power Method: PoE

Performance

MIMO: 5 GHz: 2x2 (DL MU-MIMO)
2.4 GHz: 2x2 (DL MU-MIMO)

Max. Data Rate: 5 GHz: 866.7 Mbps (BW80)
2.4 GHz: 300 Mbps (BW40)

Antenna Gain: 5 GHz: 6.1 dBi
2.4 GHz: 4.7 dBi

Max. TX Power: 5 GHz: 20 dBm
2.4 GHz: 20 dBm

Max. BSSIDs: 8 per Radio

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

• 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: 8W

Supported Voltage Range: 44—57V DC

Networking Interface: (1) GbE RJ45 port

Weight: 173 g (6.1 oz)

Wind Loading: 33.2 N at 200 km/h (7.5 lbf at 125 mph)

Pole Mount Diameter: 1–2" (25–50 mm)

Antennas: (1) Internal antenna, (2) RP-SMA connectors

Management: Ethernet

Enclosure Material: UV-stabilized polycarbonate

Mount Material: Polycarbonate, SGCC steel, plastic

LEDs: System: Power (White/Blue), Mesh Signal (Blue)

Channel Bandwidth: HT 20/40, VHT 20/40/80, HE 20/40/80 (MHz)

NDAA Compliant: Yes

Certifications: CE, FCC, IC, Anatel

Operating Frequency: US/CA: 2400-2472 MHz; U-NII-1 to U-NII-3: 5150-5850 MHz
Worldwide: 2400-2483.5 MHz, 5150-5725 MHz

Ambient Operating Temperature: -40 to 60° C

Ambient Operating Humidity: 5 to 95% noncondensing

Software

Application Requirements: UniFi Network Version 7.5.187 and later