



Outdoor AC1200 MU-MIMO Wireless Access Point

Model: **AP1300 Outdoor**



HIGHLIGHT FEATURES

- AC1200 Dual-Band Wi-Fi: Simultaneous 867 Mbps on 5 GHz and 300 Mbps on 2.4 GHz.
- Flexible Power Supply: Support 802.3af/at, 24-57 V Passive PoE (48 V PoE Adapter Included).
- Advanced Wireless Technology: Optimize network performance with MU-MIMO, Band Steering, and Beamforming technologies.
- Weatherproof: IP65 waterproof and 4 KV lightning surge protection at the Ethernet port.

HARDWARE FEATURES

Highlights:

- CPU: 880 MHz Dual-Core Processors
- Chip: MT7621DA+MT7613B+MT7603E
- Flash: 16 MB (128 Mbit)
- DDR: 128 MB (1 Gbit)

Interface:

- 1× Gigabit Ethernet (RJ-45) Port (Supports IEEE802.3af PoE or 24-57 V Passive PoE)
- 1× Reset Button
- 1× WPS Button

Power Supply:

- 802.3af/at PoE
- 24-57 V Passive PoE (+4,5pins; -7,8pins)

Dimensions (W×D×H):

- Access Point (without Antennas): 240×100×53.7mm
- Wi-Fi Antennas: 197.5×21.6×15.5 mm each

Mounting:

- Pole/Wall Mounting (Kits included)



WIRELESS FEATURES

Wireless Standards:

- Wi-Fi 5 (802.11ac/n/g/b/a)

Frequency:

- 2.4 GHz and 5 GHz

Signal Rate:

- 5 GHz: Up to 867 Mbps
- 2.4 GHz: Up to 300 Mbps

Bandwidth:

- 20/40/80 MHz

Wireless Functions

- Fast Roaming with Cudy Mesh
- Multiple SSID
- Enable/Disable Wireless Radio
- Transmit Power Control
- QoS(WMM)
- Band Steering
- MU-MIMO
- Beamforming
- Rate Limit
- Reboot Schedule
- Wireless Schedule
- Mesh (Requires a Cudy Mesh unit/Mesh router/AC as the gateway with firmware newer than 15.28)

Wireless Encryption

- WPA-PSK
- WPA2-PSK
- WPA-PSK/WPA2-PSK

Security

- Access Control
- Mac Filtering
- Wireless Isolation Clients
- VPN Server and Client
 - ZeroTier, Wireguard, OpenVPN, IPSec, L2TP, PPTP
- DNS over TLS
 - CloudFlare, Google, Quad9

OPERATION MODES

- Wireless Access Point Mode
- Wireless Router Mode
- Wireless Extender Mode
- WISP Mode

ENVIRONMENT:

- Operating Temperature: -20–60 °C (-4–140 °F)
- Extend Operating Temperature: -40–65 °C (-40–149 °F)
- Storage Temperature: -40–70 °C (-40–158 °F)
- Operating Humidity: 10–90% RH non-condensing
- Storage Humidity: 5–90% RH non-condensing

PACKAGE CONTENTS

- Outdoor Access Point
- 2× Detachable Wi-Fi Antennas
- 48 V Passive PoE Adapter
- Ethernet Cable (Length: 1 m)
- Mounting Kit
- Installation Guide

SYSTEM REQUIREMENTS

Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 10, Linux