



# Outdoor AC1200 Range Extender and Access Point

Model: RE1200 Outdoor



## HIGHLIGHT FEATURES

- AC1200 Dual-Band Wi-Fi: Simultaneous 867 Mbps on 5 GHz and 300 Mbps on 2.4 GHz
- Cudy Mesh Satellite: Pairs with Cudy Mesh router/AP and works as a Mesh satellite node
- Weatherproof: IP65 waterproof and 4 KV lightning surge protection
- Quick Setup: Connect to a Cudy Mesh router via WPS or Ethernet to finish setup instantly.
- Power Supply: 24 V Passive PoE (PoE Adapter Included)

## HARDWARE FEATURES

### Highlights:

- CPU: 580 MHz Processor
- Chip: MT7628DA+MT7613B
- Flash: 8 MB (64 Mbit)
- DDR: 64 MB (512 Mbit)

### Interfaces:

- 1x 10/100 Mbps Ethernet Port (PoE-In)
- 1x Reset Button
- 1x WPS Button

### Power Supply:

- 24 V Passive PoE (+4,5pins; -7,8pins)

### Dimension (W×D×H):

- Access Point: 240×100×53.7 mm (9.5×3.9×2.1 inches)
- Wi-Fi Antennas: 197.5×21.6×15.5 mm each (7.8×0.9×0.6 inches)
- Total Height: 438 mm (17.2 inches)

### Mounting:

A mounting kit is included, supporting

- Wall Mounting
- Pole Mounting

## WIRELESS FEATURES

### Wireless Standard

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

### Signal Rate

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

### Bandwidth

- 20/40/80 MHz

### Wireless Functions

- Cudy Mesh Satellite (Addon)
- MU-MIMO
- Beamforming
- Reboot Schedule

### Wireless Encryption

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

## OPERATION MODES

- Wireless Extender Mode
- Wireless Access Point Mode
- Client Mode

## ENVIRONMENTS

- IP65 Water/Dustproof (Router, not the PoE adapter)
- 4 KV Lightning-Protection (Ethernet Port)
- 8 KV Contact ESD Protection
- 15 KV Air ESD Protection
- 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 CONTENT

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

## SYSTEM REQUIREMENTS

- Requires a router or a gateway device
- Mesh feature requires a Cudy Mesh device