



AX3000
2.5G Wi-Fi 6
Ceiling Access Point

AX3000

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Model: AP3000



HIGHLIGHT FEATURES

- AX3000 Wi-Fi 6: Simultaneous 574 Mbps on 2.4 GHz and 2402 Mbps on 5 GHz totals 2976 Mbps Wi-Fi speeds.
- 2.5Gbps Ethernet Port: A 2.5 Gbps Ethernet port boosts total internet throughput.
- 160 MHz Channel: Double the data at peak transmission times on a single stream with HE160.
- Flexible Power Supply: Support 802.3at or 12V DC for flexible installations.
- Advanced Wireless Technology: Optimize network performance with MU-MIMO, OFDMA, Band Steering, and Beamforming technologies.

HARDWARE FEATURES

Highlights:

- CPU: 1.3GHz Dual Core Processors
- Chip: MT7981BA+MT7976CN+RTL8221B

Interface:

- 1 x 2.5Gbps Ethernet (RJ-45) Port (Support IEEE802.3at PoE)
- 1 x Reset Button
- 1 x DC Jack

Power Supply:

- 802.3at PoE
- 12V DC

Dimensions :

- 232x232x57.1

Antenna Type:

- 5 Internal Omni-directional Antennas

Mounting:

- Ceiling /Wall Mounting (Kits included)

WIRELESS FEATURES

Wireless Standards:

- IEEE 802.11ax/ac/n/g/b/a

Frequency:

- 2.4 GHz and 5 GHz

Signal Rate:

- 5GHz:Up to 2402Mbps
- 2.4GHz:Up to 574Mbps

Bandwidth:

20/40/80/160MHz

Wireless Functions

- 1024QAM
- MU-MIMO
- OFDMA
- Multiple SSID
- Enable/Disable Wireless Radio
- Transmit Power Control
- QoS(WMM)
- Seamless Roaming
- Band Steering
- Airtime Fairness
- Beamforming
- Rate Limit
- Reboot Schedule
- Wireless Schedule

Wireless Encryption

- WPA-PSK
- WPA2-PSK
- WPA-PSK/WPA2-PSK
- WPA2-PSK/WPA3-SAE
- WPA3-SAE

OPERATION MODES

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

ENVIROMENTS:

- Operating Temperature: 0–40 °C (32–104 °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

- AX3000 Wi-Fi6 2.5G Access Point
- 12V DC Adapter
- Mounting Kits
- Installation Guide

SYSTEM REQUIREMENTS

Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Linux

CE DECLARATION OF CONFORMITY

For the following equipment:

Product Name: AX3000 Ceiling Mount Wi-Fi 6 Access Point with 2.5G Port

Model Number: AP3000

Trademark: Cudy

We declare under our own responsibility that the above product satisfies all the technical regulations applicable to the product within the scope of Council Directives:

Directive 2014/53/EU, Directive 2011/65/EU, Directive (EU) 2015/863

The above product is in conformity with the following standards or other normative documents:

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-3 V2.3.2 (2023-01)

Draft ETSI EN 301 489-17 V3.2.5 (2022-08)

EN 55032:2015/A11:2020

EN 55035:2017/A11:2020

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 301 893 V2.1.1 (2017-05)

ETSI EN 300 440 V2.2.1 (2018-07)

EN IEC 62311:2020

EN IEC 62368-1:2020+A11:2020

IEC 62321-1:2013, IEC 62321-2:2021,

IEC 62321-3-1:2013, IEC 62321-5:2013,

IEC 62321-4:2013+AMD1:2017 CSV,

IEC 62321-6:2015, IEC 62321-7-1: 2015,

IEC 62321-7-2:2017, IEC 62321-8:2017

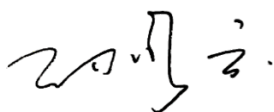
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2023-9-27



Shenzhen Cudy Technology Co., Ltd.

Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China

www.cudy.com

ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

Για τον ακόλουθο εξοπλισμό:

Όνομα Προϊόντος: AX3000 Ceiling Mount Wi-Fi 6 Access Point with 2.5G Port

Αριθμός Μοντέλου: AP3000

Εμπορικό Σήμα: Cudy

Διακηρύσσουμε με κάθε ευθύνη ότι το παραπάνω προϊόν συμμορφώνεται με όλους τους τεχνικούς κανονισμούς που ισχύουν για το προϊόν, εντός του αντικειμένου των Κοινοτικών

Οδηγιών:

Οδηγία 2014/53/ΕΕ, Οδηγία 2011/65/ΕΕ, Οδηγία (ΕΕ) 2015/863

Το παραπάνω προϊόν βρίσκεται σε συμμόρφωση με τα ακόλουθα πρότυπα ή άλλα έγγραφα συμμόρφωσης

ETSI EN 301 489-1 V2.2.3 (2019-11)

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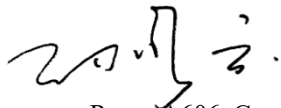
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2023-9-27



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