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itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

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Cudy Indoor/Outdoor AX3000 High-Power Wi-Fi 6 Access Point

Model: AP3000 Outdoor

Manufacturer: CUDY

EAN: 6971690792992

Product Code: 1578506

R2,957

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Super-Fast, Super-Efficient AX3000 Wi-Fi 6

Wi-Fi 6 with the highest 160 MHz channel width and 1024-QAM modulation provide up to 3 Gbps total throughput. OFDMA and MU-MIMO work on uplink plug download directions allowing it to connect over 100 devices while minimizing latency. (Max 512 devices)

High-Power Wi-Fi Coverage with Five PA

Equipped with five power amplifiers and a 3+2 antenna structure, this AP delivers top-notch capabilities to navigate its signal through physical obstacles.

Works in Rain, Thunder, Dust, Heat, Cold

The AP is protected by an IP65 standard case, shielding it from rain and dust when installed vertically. It also features 6 kV Lightning/Surge and 8 kV ESD protection for higher reliability in thunderstorms. Its working temperatures span from -40 °F to 158 °F (-40 ℃ to 70 ℃).

Mesh Networks

Seamless Roaming for Smooth Wi-Fi Experience

Enhance the Wi-Fi experience for your visitors by implementing a unified Wi-Fi name across your entire premises. With mesh technology, enjoy uninterrupted roaming as clients seamlessly connect to the strongest available Wi-Fi node without manual switching.

Plug-and-Play Mesh Installation

Simply Plug and Unplug for Mesh Setup

Connect the PoE adapter LAN port to a Cudy Mesh AP/router/Mesh unit/VPN Router/AC to add the new AP to the Mesh network. Feel free to unplug it or continue using the Ethernet backhaul after pairing.

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Leave the Rest to Adaptive Routing

Adaptive Routing improves the system's awareness of the capacity used by each node. The system will automatically switch to a better path once the original backhaul path is congested.

Guide to Wiring and Physical Installation

Gigabit Port with Two PoE Options

Supports two powering methods—

802.3at PoE (Max power: 18 W, Idle: 5 W)

48-57 V Passive PoE (Adapter included, not waterproof)

If you need to simplify the wiring, we recommend using a PoE Switch that powers multiple devices simultaneously. See Cudy PoE Switches for more information.

Mounting Kit Included

A mounting kit is included in the box, supporting—

Wall-Mounting

Pole-Mounting

Centralized AP Management

Easily manage up to 200 access points with Cudy AP Controller（ Model:C200P） , enabling efficient batch configuration and firmware updates through a unified interface.

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