

Outdoor Wireless Access Point Series

YA796 Outdoor Wireless AP



Product Name:

YA796 WiFi Long range 100m

Order Model:

YA796

Application Scenarios:

Mainly used for Extend the coverage of the existing network, eliminate signal blind spots, and ensure users can access a stable wireless signal in different areas, maintaining network connectivity and improving work efficiency.

such as Corporate Offices, Schools and Campuses, Hospitals, Commercial Spaces, Outdoor Events , Homes, Factories and Warehouses, These scenarios demonstrate the wide range of application of wireless APs in various environments.

Product Overview:

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YA796 is a high-performance enterprise outdoor wireless AP product that can support 2.4G/5.8G and use 802.11 b/g/n/ac technology. It has dual 100M network ports, supports dual band wifi, and the wireless processing speed of 2.4G 802.11 b/g/n MIMO technology can reach up to 300Mbps; The wireless processing speed of 5.8G 802.11 b/g/n/ac MIMO technology can reach up to 900Mbps. The power supply mode is flexible. It supports 24V POE network cable power supply and 12V 1A DC local power supply. The power supply distance of the network cable can reach 80m (related to the network cable material). The outdoor enclosure with IP65 wind, rain, dust and sun protection grade is designed to easily adapt to various harsh outdoor environments.

Feature Description:

- ◆ High Power Indoor/Outdoor AP with MT7628AN+MT7613BEN Chipset - Up to 100-150 Meters WiFi signal coverage
- ◆ Up to 64 devices, Supports dual-band maximum speed up to 2.4G 300Mbps + 5G 867Mbps, for a total of 1200Mbps, avoiding wireless interference & congestion and offering lightning-fast Internet speed
- ◆ Supports 24V PoE remote power supply and 12V/1A local DC power supply, offering flexible power options suitable for various wireless engineering scenarios, reducing costs.
- ◆ Supports Mesh, AP, Router, Repeater, AP/Repeater and other modes to meet your different needs and apply to more outdoor use scenarios
- ◆ Equipped with an SMA standard connector and a free 5dBi adhesive omnidirectional antenna for outdoor use. Users can also choose other 2.4G/5.8G dual-frequency antennas for different environments.

Product list



Wireless Ap



Plastic Hoop



POE adapter



Network cable



Installation Guide

Physical Product Display



Technical Specifications:

Parameter/Model

CPU	MT7628AN+MT7613BEN Memory /128MB Flash/16MB
Wireless rate	802.11b/g/n/a/ac 2T2R MIMO technology(maximum speed up to1200Mbps)
Antenna	2*External 2.4G/5.8G dual band 5dBioutdoor omnidirectional antennas
Wi-Fi Standards	802.11a/b/g/n/ac, 802.11ax
Working Mode	AP/Router Mode , Repeater Mode , AP+Repeater Mode
Encryption type	WPA2-PSK, WPA2, WPA-PSK, WPA
Data Rate	802.11ax: 1200Mbps (2.4G 300Mbps, 5.8G 900Mbps)
Frequency Band Class	Dual-Band
Carrying capacity	64
Function	MU-MIMO,Web interface management
Physical Ports	2*WAN/LAN PoE 10/100Mbps adaptive1 * DC power interface)
LED Indicators	Power、 LAN/WAN、 LAN、 WLAN
Power Supply	24V10.5A PoE power supply, DC 12V/1A
Power Consumption	≤7W
Installation Methods	Pole Mounting, Wall Mounting or Rack Mounting
Package size	27*12*8cm
Package Weight	0.5KG
Operating temperature	-40°C~55°C1-50°C~70°C