AC300 Wireless Controller - Product Brochure

Chapter 1 Product Introduction

AC300 wireless controller is a new generation of AI intelligent wireless controller launched by Dazoo Technology Co., Ltd. It provides Dazoo wireless management function , integrates routing function, and forms a wired and wireless integrated device.

AC300	5 Gigabit copper ports, 1 SFP optical port

Chapter 2 Product

Flexible deployment methods to meet the layout of different scenarios

- click mode switching, which satisfies flexible deployment in different scenarios. It can realize free switching between gateway mode and bypass AC mode, and the function interface is automatically hidden with different deployment modes, simplifying the interface and improving the efficiency of operation and maintenance personnel.

Integrated AC and routing functions

- AC wireless controller integrates the routing function , and can be used as routing at the same time while managing all AP devices in the continent .
- Support multiple wireless authentication functions to meet the authentication requirements of different scenarios, and can realize WeChat, account and other authentication.
- Support Dazoo self-developed AI wireless technology, AI automatic wireless optimization function.

AI builds autonomous network

- Automatically match terminals and service types, and perform access acceleration, network acceleration, and QoS assurance .
- Automatically identify and reduce low-speed terminal access time to ensure high-speed network operation and terminal applications.
- Automatically discover APs , automatically diagnose faulty APs, and automatically increase the power of adjacent APs to cover faulty blind areas; automatically detect adjacent AP signals without manual intervention.

Intelligent operation and maintenance management

■ Support APP mobile terminal binding management, simplify operation and maintenance methods, and enable operation and maintenance personnel to manage the network anytime, anywhere, and grasp the status of the entire network at one hand.

Chapter 3 Product

Hardware Specifications

model	AC300
body	Iron case design
Installation method	frame
weight	4.3kg
Dimensions (excluding accessories)	440mm×320mm×44mm
Ethernet port	5 10/100/1000M Base-T Ethernet ports; 1 SFP optical port
LAN/WAN	1*WAN, 3*WAN/LAN, 1*LAN
POE output	not support
Maximum number of manageable APs	256
Recommended belt volume	300
Maximum number of WAN ports supported	4
power input	AC 100-240V 50-60Hz, ≤24W
reset button	support
system indicator	SFP (optical port status indicator), SYS (system status indicator), PWR (power status indicator)
Operating temperature/ Storage temperature	-10ºC～55ºC/-40ºC～70ºC
Working Humidity/Storage Humidity	5%~95% (non-condensing)
Protection class	IP41
Certification	Support CCC/RoHS
MTBF	>250000H

Software Specifications

Operating mode	Routing mode, Bypass AC mode
Access method	PPPoE/DHCP/Static IP
Automatic networking	AP automatic discovery, automatic networking
pre-deployed	Support network pre-deployment function, cloud deployment in advance, on-site AP plug and play;
verification method	Support one-key authentication/account password authentication/public account authentication
Management VLAN configuration	support
AI-QoS	Suppressing high-traffic P2P applications
AI wireless tuning	support
Wireless access control function	Blacklist/Whitelist
Traffic Statistics	View historical 24-hour/30-day terminal online counts and historical traffic statistics
client state	Support viewing connection terminal information within 7 days of history;
Check signal strength	support
Wireless rate view	support
5G priority access	support
AP Steering	support
Band Steering	support
fast roaming	support
ALG	FTP, TFTP, H.232, PPTP, SIP, RSTP
DMZ	support
UPNP	support
virtual server	Support (APP configuration)
DDNS	Oray/PubYun/DynDNS (APP configuration)
Configuration management	WEB management, cloud AC management, APP management
Remote maintenance	Support cloud AC maintenance and remote APP maintenance

Trademark Statement

dazoo and other Dazoo trademarks are trademarks of Shenzhen Dazoo Technology Co., Ltd.

More information

For more information about Dazoo products, please visit Dazoo's official website http://www.idazoo.com