

D7341

5G WiFi Wireless AP



Description

The D7341 is a high-performance, high-speed indoor 11ac dual-band ceiling AP. Using industrial-grade Qualcomm chipsets, it provides dual-band wireless services at 2.4 GHz and 5.8 GHz and is equipped with one Gigabit WAN port and one Gigabit LAN port. With a maximum wireless rate of 1200 Mbps, it offers a cleaner wireless environment, more stable access, higher user capacity, and faster wireless performance, making it an excellent solution for high-density conference environments. The device is equipped with independent PA and LNA modules for both the 2.4 GHz and 5 GHz bands and uses omni-directional 5 dBi high-gain antennas to deliver wider wireless coverage and stronger wall-penetration performance. It supports intelligent channel analysis and automatically selects the optimal channel to reduce interference and latency, ensuring a stable and reliable wireless signal. In addition, the D7341 supports IEEE 802.3at PoE, enabling power delivery over more than 100 meters of Ethernet cable, and features a ceiling-mounted enclosure design for easy installation. The D7341 supports centralized configuration and management through a CAPWAP-based WLAN management platform, offering plug-and-play deployment with simple operation. It also enables cloud platform access and remote management, significantly reducing manpower, resources, and overall costs for large-scale wireless deployments. It also supports Wave 2 MU-MIMO (Multi-User Multiple-Input Multiple-Output) technology with four spatial streams and 256-QAM modulation, delivering significantly higher transmission rates.

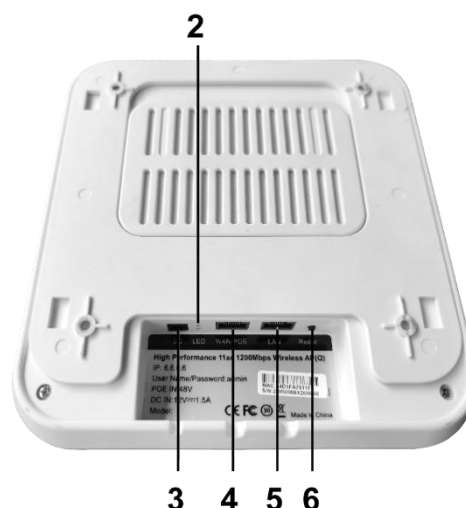
Features

- Supports second-generation 11ac MU-MIMO Wave 2 technology, accommodating up to three times as many users as a traditional AP.
- Supports cross-layer and VLAN management.
- Supports multiple SSIDs with VLAN isolation and Chinese naming.
- Supports seamless roaming and load balancing.
- Features spectrum navigation with 5 GHz priority.
- Supports separation of business and management IP addresses.
- Supports AP tracking.

Model		D7341
Hardware Specification		
Wired Interface		10/100/1000Mbps
Wireless Bandwidth		1200Mbps
Operating Band		2.4G: 2400Mhz ~ 2483Mhz 5.8G: 5100Mhz ~ 5900Mhz
Wireless Standards		IEEE802.11a/ax/b/g/n
Modulation Method		OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK
Transmit Power		11n 2.4G: 25dBm (Adjustable); 11n 5G: 23dBm (Adjustable) 11a 5G: 23dBm (Adjustable) ; 11ac 2.4G: 23dBm (Adjustable) ; 11ac 5G: 22dBm (Adjustable)
Antenna Gain		5dBi 2*2
Wireless Coverage Distance		> 60 m (effective and stable)
Storage Environment	Working Temperature	-10~50℃
	Storage Temperature	-40~70℃
	Humidity	≤ 90% (Non-condensing)
Power Supply		DC 12V or 48V PoE
Power Consumption		≤15W
Installation Method		Ceiling-mounted
Dimensions		188 × 188 × 40 mm
Weight		0.5kg
Software Specifications		
The Recommended Number of Accesses		120 (Best User Experience)
Connection Limitation		Support
Scheduled Reboot		Support
Power Adjustment		Support
Channel Adjustment		Support
Multicast Communication		Support
DHCP List		Support
Fat AP Function		Support
Delay		<6ms
Virtual AP		Support, with a maximum of 8 SSIDs
Chinese SSID		Support
SSID Hiding		Support
RF Disable		Support
Spectrum Navigation		Support, 5G first
SSID VLAN		Support, each SSID is divided into different VLANs
AP Tracking		Support
AP Alarm Assistance		Support, when the wireless AP detects certain anomalies and cannot recover, it releases a rescue signal with the logged in SOS and the SSID six digits after the AP endorses MAC address; Wireless network maintenance personnel can log in to the

Channel Optimization	AP by connecting the rescue SSID to diagnose the cause of the failure with one click.
Load Balancing	Support, with Intelligent Channel Optimization
Seamless Roaming	Support
AP Online Upgrade	Support
Cloud AC Management	Support
Local AC	Support
AC Offline Mode	Support; when communication between AC and AP is interrupted, internet access remains unaffected and users are unaware
Group Management	Support AP Group Management
Batch IP Modification	Support, AP management IPs can be modified in batch on the AC
Batch Password Modification	AP login passwords can be modified in batch on the AC
Maintenance Method	Supports both local and cloud maintenance
System Login	Default IP: 192.168.1.2 Password: admin

Front / Rear Panel



1. Status Indicator Light.
2. Communication Indicator LEDs
 - Top: WAN/PoE LED
 - Bottom: LAN LED
3. DC Power Input
4. WAN/PoE Port
5. LAN Port
6. Reset Button

Note: When the device is powered via PoE, the WAN/PoE port is used for power only.