

D7301

5G WiFi Encrypted Wireless Transmitter Host



Description

The D7301 serves as the core transmission hub of the wireless conference system, combining 5GHz WiFi and UHF communication technologies for stable, secure, and interference-resistant signal transmission. Supporting up to 300 wireless conference units and expandable wireless AP deployment, it delivers flexible coverage and reliable performance for conference rooms of various sizes.

Features

- Operates in the 5 GHz frequency band, offering stronger anti-interference performance, higher bandwidth, and faster transmission speeds. It is not affected by mobile phones or other Bluetooth devices, ensuring optimal signal reception.
- Supports expansion of wireless APs through connection to a PoE network switch. One conference system can accommodate up to 300 wireless conference units, with a maximum of 6 active microphones simultaneously.
- Provides comprehensive conference functions, including voting and conference sign-in, to meet daily meeting requirements.
- Supports firmware upgrades via USB flash drive and remote online upgrades.
- Adopts 802.11n and 802.11ac dual-band dual-stream technology, delivering WiFi access speeds of up to approximately 1.2 Gbps to meet the demands of high-capacity and high-throughput indoor applications.
- The PC software and D7201 controller support one-click shutdown of all wireless units. Users can modify the IP address of the WiFi wireless conference system server and the UHF transmission

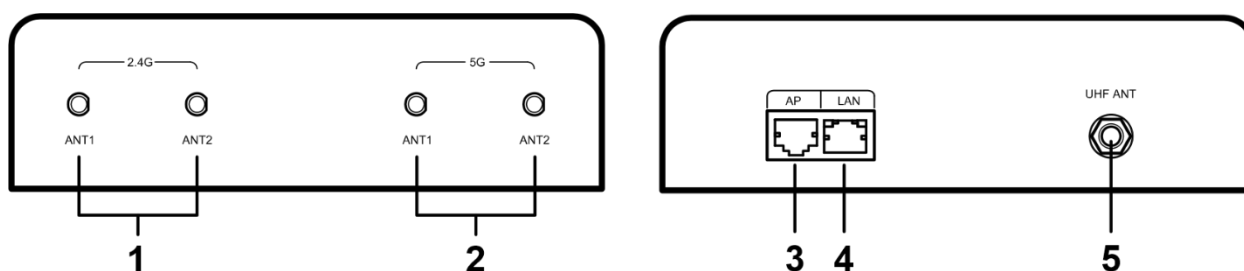
frequency. The PC software can also monitor battery status, WiFi signal strength, and other information of wireless units.

- Supports interconnection of wired and wireless conference units for signal relay and transmission.
- Utilizes both the 5 GHz WiFi band and the UHF band for signal transmission. The UHF frequency can be adjusted via PC software.
- Dual Ethernet ports for AP expansion.
- Powered by a PoE switch.

Specifications

Model	D7301
WiFi Frequency	5.8 GHz
UHF Frequency	632 MHz – 695 MHz
Power Supply	PoE (+48V)
Connection Method	RJ45 Network Port
Installation Method	Wall-Mounted
Audio Sampling Rate	16-bit / 48 kHz
Power Consumption	15 W
System Login	Default IP: 192.168.188.253
	Username: admin
	Password: admin
Product Dimensions (L × W × H)	262 × 215 × 56 mm
Package Dimensions (L × W × H)	375 × 280 × 110 mm
Net Weight	1.6 kg
Gross Weight	2.6 kg

Front / Rear Panel



1. 2.4 GHz antenna connector.
2. 5 GHz antenna connector.
3. Wireless AP port: Connects to a wireless AP.
4. LAN network port: Connects to a 48V PoE switch or a fully digital conference host.
5. UHF antenna connector.