

LCS-5301Z

Wireless Access Point

INTRODUCTION

LCS-5301Z is a high-performance Wi-Fi 6 indoor dual-band ceiling wireless access point, providing 2.4 GHz and 5.8 GHz wireless services. The 2.4 GHz band supports a maximum access rate of 574 Mbps, while the 5 GHz band supports up to 2402 Mbps. The maximum concurrent rate of the device reaches 3000 Mbps. With both 48 V PoE and DC 12 V power supply support, it is suitable for meeting rooms, classrooms, offices, hotels, exhibition halls, and indoor wireless network coverage applications.

MAIN FEATURES

- **Wi-Fi 6 High-Speed Access:** Supports IEEE 802.11ax Wi-Fi 6 standard, with a maximum concurrent rate of up to 3000 Mbps for high-density wireless access.
- **2.4G / 5G Dual-Band Coverage:** Provides both 2.4 GHz and 5.8 GHz wireless services, balancing coverage range and high-speed transmission.
- **Dual Gigabit Network Ports:** Equipped with 1 Gigabit WAN port and 1 Gigabit LAN port, with the WAN port supporting 48 V PoE power supply.
- **Dual Power Supply Modes:** Supports IEEE 802.3af PoE and DC 12 V / 1.5 A power input for flexible installation in different environments.
- **Hardware Watchdog Function:** Supports hardware watchdog recovery, allowing automatic device recovery in case of abnormal operation and reducing maintenance effort.

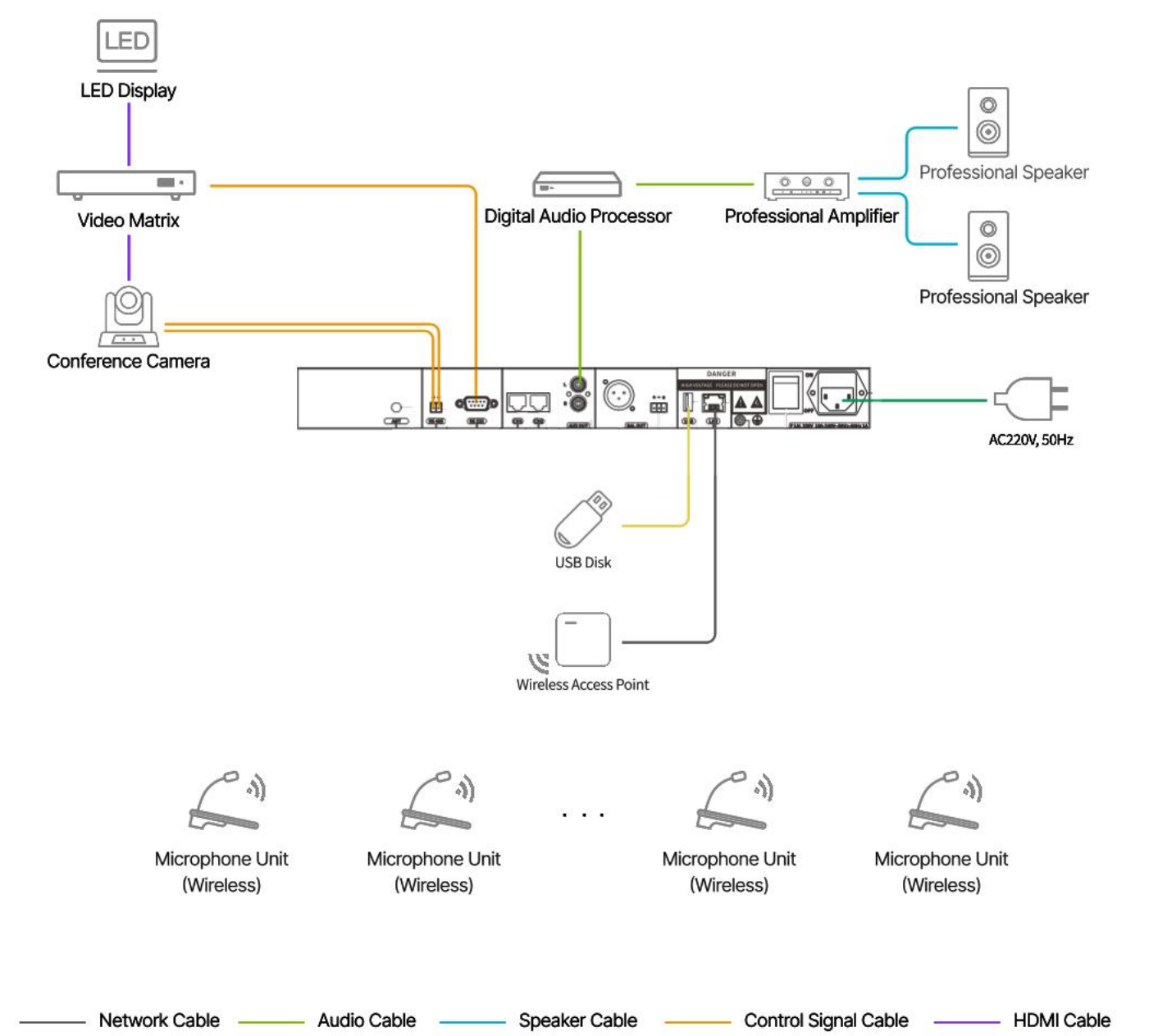




PARAMETERS:

2.4G Frequency Band	2.4 GHz to 2.484 GHz
2.4G Wi-Fi Protocol	IEEE 802.11 b / g / n / ax
5G Frequency Band	5.150 GHz to 5.850 GHz
5G Wi-Fi Protocol	IEEE 802.11 a / n / ac / ax
2.4G Antenna	2 × 2.4G internal antennas, gain 4.6 dBi
5G Antenna	3 × 5.8G internal antennas, gain 4 dBi
Maximum Wireless Rate	2.4G: 574 Mbps; 5G: 2402 Mbps
Maximum Concurrent Rate	3000 Mbps
Frequency Deviation	±20 ppm
WAN Port	1 × 10 / 100 / 1000 Mbps, supports 48 V PoE
LAN Port	1 × 10 / 100 / 1000 Mbps
Reset Button	Press and hold for 6–10 seconds to restore factory default configuration
Indicator	Triple-color indicator, SYS red, 2.4G green, 5.8G blue
Power Supply	IEEE 802.3af PoE, DC 12 V / 1.5 A
Power Consumption	< 15 W
Operating Temperature	-20 °C to +55 °C
Storage Temperature	-40 °C to +70 °C
Operating Humidity	5% to 95%, non-condensing
ESD Protection	Air ±8 kV, Contact ±6 kV
Surge Protection	Line-to-ground 2 kV, line-to-line 1 kV
Dimensions	186*186*36.6 mm
Package Dimensions	246*237*78 mm
Net Weight	0.55 kg
Warranty	2 Years

CONNECTION DIAGRAM



DIMENSION

