CP5-900

③ 5GHz, low interference, up to 3km wireless transmission distance.
③ 900M, built-in 12dBi dual-polarized directional antenna.
③ Equipped with IP65 protection enclosure.
③ Support WEB and cloud management.
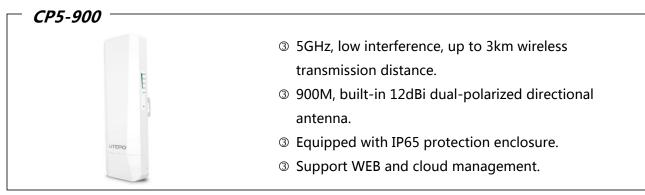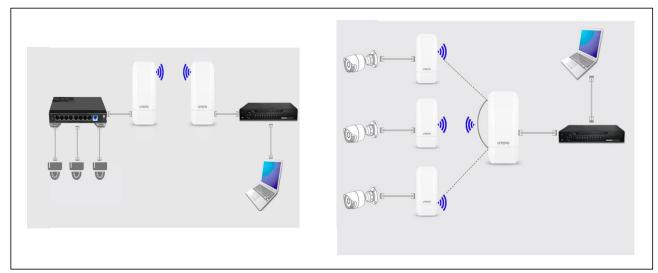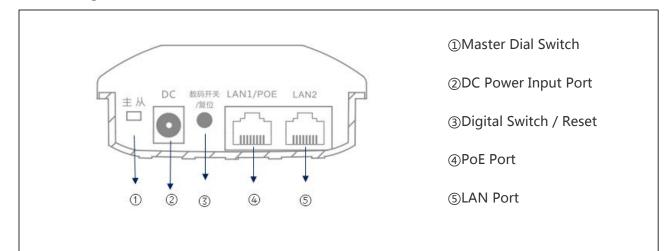
Overview

The CP5-900 is a 5.8GHz 900M long-distance wireless transmission device, with 11n wireless technology. Unique digital matching technology, it is easy to complete matching of point-to-point, point to multipoint without computer configuration. Equipped with industrial waterproof housing, it adapts to the outdoor harsh environment. And it is easy to be installed with the built-in 12dBi antenna. What's more, it enhances the performance and stability of wireless transmission and is widely used in medium and short distance video transmission and data transmission within elevator, scenic spot, factory, & dock etc.

Application

Board Diagram

①Master Dial Switch

②DC Power Input Port

③Digital Switch / Reset

④PoE Port

⑤LAN Port

Specification

Model	CP5-900
Main Chip	MTK7620DA+7162E Processor
Transmission Rate	900Mbps
Protocol	802.11a/n/an/ac
Memory	64MB DDR3
Flash	8MB
Antenna	Built-in 12dBi directional antenna with dual polarization Horizontal angle: 60 degree, vertical angle: 60 degree.
Modulation Mode	OFDM = BPSK,QPSK,16-QAM,64-QAM;DSSS = DBPSK,DQPSK,CCK
Operating Frequency	5.1GHz~5.8GHz
Receiving Sensitivity	11a: -72dbm@54Mbps, -88dbm@6Mbps 11ac: -66.5dbm@MCS7, -83dbm@MCS0
Transmission Distance	3Km
Network Port	1*10/100 Mbps adaptive network port , 1*10/100/1000 Mbps adaptive network port
Button	1*Digital Switch / Reset , Value 1 added by short pressing, reset by pressing in 15s.
LED Indicator	SIG, ETH, PWR, DIGITAL
Power	Non-standard PoE: 24V 0.5A DC 12V 1A, power consumption < 10W
Power Consumption	< 10W
Operating Environment	Temperature: -30℃ ~ +55℃ (Operation), -40℃ ~ +70℃ (Storage) Humidity (Non-condensing): 10%~90% (Operation), 5%~95%(Storage)
Dimension	260mm×90mm×37mm
Software	
Operating Mode	Master AP, Slave AP (Through dial switch)
Networking Mode	Point to Point, Point to multipoint (Within 8 points)
Management	WEB
Network	Bridge: Static IP/ Dynamic IP Gateway: Static IP/ Dynamic IP/ PPPoE
Operating Channel	5G : 36、 40、 44、 48、 52、 56、 60、 64、 149、 153、 157、 161、 182、 186、 190、 194

Specification

Bridge Management	Binding with cloud account, support remote management
Wireless Management	Bridge configuration, advanced configuration, WIFI confirguration
System	Time/ Date Setting, Username Managerment, Backup/ Restore, Reboot/ Time to Reboot
Update	Local update based on WEB/ Online update

Packing List

CONTENT	QTY
CPE	1
POE Power Supply	1
Mounting Kits	1
Cable	1
User Manual	1

Related Product

NAME	MODEL
2.4G 300M Elevator Exclusive CPE	CP2-300
5.8G 300M Security Exclusive Outdoor CPE	CP5-300