

NP-CPE512

5.8Ghz 4KM 1000M High Power Digital Wireless Bridge

Highlights

- 4KM wireless transmit for carrying 15pcs cameras
- Support AP/Client/Repeater mode
- Support digital display, one-click pairing
- 2x 10/100/1000Mbps Ethernet ports
- Built-in 14dBi 5.8G dual polarization directional antenna
- Supports DC 12V 1A power supply or 24V PoE power supply



Specifications

Model	NP-CPE512
Hardware Specifications	
Wireless Technology	5G: 1000M IEEE 802.11a/n/ac 1T1R technology
Memory	128MByte DDR2
Flash	8MB
Network Interface	2x 10/100/1000Mbps adaptive RJ45 network interface
Button	1x digital switch / reset button
Switch	Master-slave dip switch; Master: access point mode / Slave: client mode
Indicator Light	Signal / ETH network interface status / Power / System / Digital tube
Power Supply	DC 12V 1A / 24V 1A non-standard PoE
Power Consumption	<15W
Environment	Working: -30°C~55°C(Humid.: 10%~90%) / Storage: -40°C~70°C(Humid.: 5%~95%)
Dimensions	250mm x 90mm x 54mm
Weight	0.56kg
Antenna	Built-in high gain 14dBi directional plate antenna (horizontal 60°, vertical 15°)
Level of Protection	IP65, 2KV lightning protection
RF Characteristics	
Frequency Range	5180GHz ~ 5825GHz
Modulation Method	OFDM = BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM; DSSS = DBPSK, DQPSK, CCK
Output Power	11a @54M: 20±2dB, @6M:23±2dB 11n 20MHz: @MCS9:20±2dB, @MCS0:23±2dB 11n 40MHz: @MCS9:20±2dB, @MCS0:23±2dB 11ac 40MHz @MCS9:20±2dB, @MCS0:23±2dB 11ac 80MHz @MCS9:20±2dB, @MCS0:23±2dB
Reception Sensitivity	11a: <-72dbm@54Mbps, <-89dbm@6Mbps 11n 20MHz: <-71dbm@MCS8, <-89dbm@MCS0 11ac 40MHz: <-66dbm@MCS9, <-84dbm@MCS0 11ac 80MHz: <-63dBm@MCS9 <-81dBm@MCS0
EVM	802.11n: ≤-28 dB 802.11a: ≤-25 dB
Frequency	<±20ppm
Software Features	
Working Mode	Master AP (bridge access point), slave AP (bridge client), switch by dip switch
Network Mode	Point-to-point, point-to-multipoint (within 8 points)
Management	WEB management
Bridge Configuration	Wireless mode: Bridge access point / Bridge client switching
Network	Static IP / dynamic acquisition
System	Login password change, restore factory, local upgrade