

## NP-CPE510

5.8Ghz 3KM 300M High Power Digital Wireless Bridge

### Highlights

- 3KM wireless transmit for carrying 15pcs cameras
- Support AP/Client/Repeater mode
- Support digital display, one-click pairing
- 2x 10/100Mbps Ethernet ports
- Built-in 14dBi 5.8G dual polarization directional antenna
- Supports DC 12V 1A power supply or 24V PoE power supply



### Specifications

<b>Model</b>	NP-CPE510
<b>Hardware Specifications</b>	
<b>Wireless Technology</b>	5G: 300M IEEE 802.11a/n/ac 1T1R technology
<b>Memory</b>	64MByte DDR2
<b>Flash</b>	8MB
<b>Network Interface</b>	2x 10/100Mbps adaptive RJ45 network interface
<b>Button</b>	1x digital switch / reset button
<b>Switch</b>	Master-slave dip switch; Master: access point mode / Slave: client mode
<b>Indicator Light</b>	Signal / ETH network interface status / Power / System / Digital tube
<b>Power Supply</b>	DC 12V 1A / 24V 1A non-standard PoE
<b>Power Consumption</b>	<10W
<b>Environment</b>	Working: -30°C~55°C(Humid.: 10%~90%) / Storage: -40°C~70°C(Humid.: 5%~95%)
<b>Dimensions</b>	250mm x 90mm x 48mm
<b>Weight</b>	0.46kg
<b>Antenna</b>	Built-in high gain 14dBi directional plate antenna (horizontal 60°, vertical 15°)
<b>Level of Protection</b>	IP65, 2KV lightning protection
<b>RF Characteristics</b>	
<b>Frequency Range</b>	4900GHz ~ 5850GHz
<b>Modulation Method</b>	OFDM = BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM; DSSS = DBPSK, DQPSK, CCK
<b>Output Power</b>	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
<b>Reception Sensitivity</b>	11a: <-72dbm@54Mbps, <-89dbm@6Mbps 11n 20MHz: <-71dbm@MCS8, <-89dbm@MCS0 11ac 40MHz: <-66dbm@MCS9, <-84dbm@MCS0 11ac 80MHz: <-63dBm@MCS9 <-81dBm@MCS0
<b>EVM</b>	802.11n: ≤-28 dB 802.11a: ≤-25 dB
<b>Frequency</b>	<±20ppm
<b>Software Features</b>	
<b>Working Mode</b>	Master AP (bridge access point), slave AP (bridge client), switch by dip switch
<b>Network Mode</b>	Point-to-point, point-to-multipoint (within 8 points)
<b>Management</b>	WEB management
<b>Bridge Configuration</b>	Wireless mode: Bridge access point / Bridge client switching
<b>Network</b>	Static IP / dynamic acquisition
<b>System</b>	Login password change, restore factory, local upgrade