# IP-COM

# CPE5

## 5GHz 9dBi ac 867Mbps Outdoor CPE

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## Product Description

CPE5 5GHz Outdoor CPE is designed to PtP&P2MP solutions for video surveillance transmission and wireless broadband access. Adopts of 11ac wireless technology, the maximum wireless rate can be up to 867Mbps. It features with 9dBi dual polarization directional antenna to provide an efficient way to pick up and maintain a stable long range connection.

# Key Features

- 5GHz 11AC 867Mbps
- 9dbi directional antenna
- One Fast Ethernet Port
- IP65 waterproof enclosure
- 12V 1A DC/12V 1A Passive PoE supported

# Product Features

## 1+km transmission Range

CPE5 adopts of internal power amplifier and 9dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 1km.

## Flexible power supply method enable it easy to deployment

CPE5 supports 12V 1A Passive PoE and 12V 1A DC power supply option. It helps the engineer to deploy the device flexiblely.

## iLink--Auto-bridge technology enable it to easy setup

iLink is IP-COM proprietary auto-bridge technology,  It enables the CPE or basestation in factory default settings connect to each other automaticaly after the device is powered on. It is very useful for the person who is not familiar with network knowledge, especially for CCTV surveillance transmission application.

## Easy to Setup and Manage

CPE5 comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Controller.
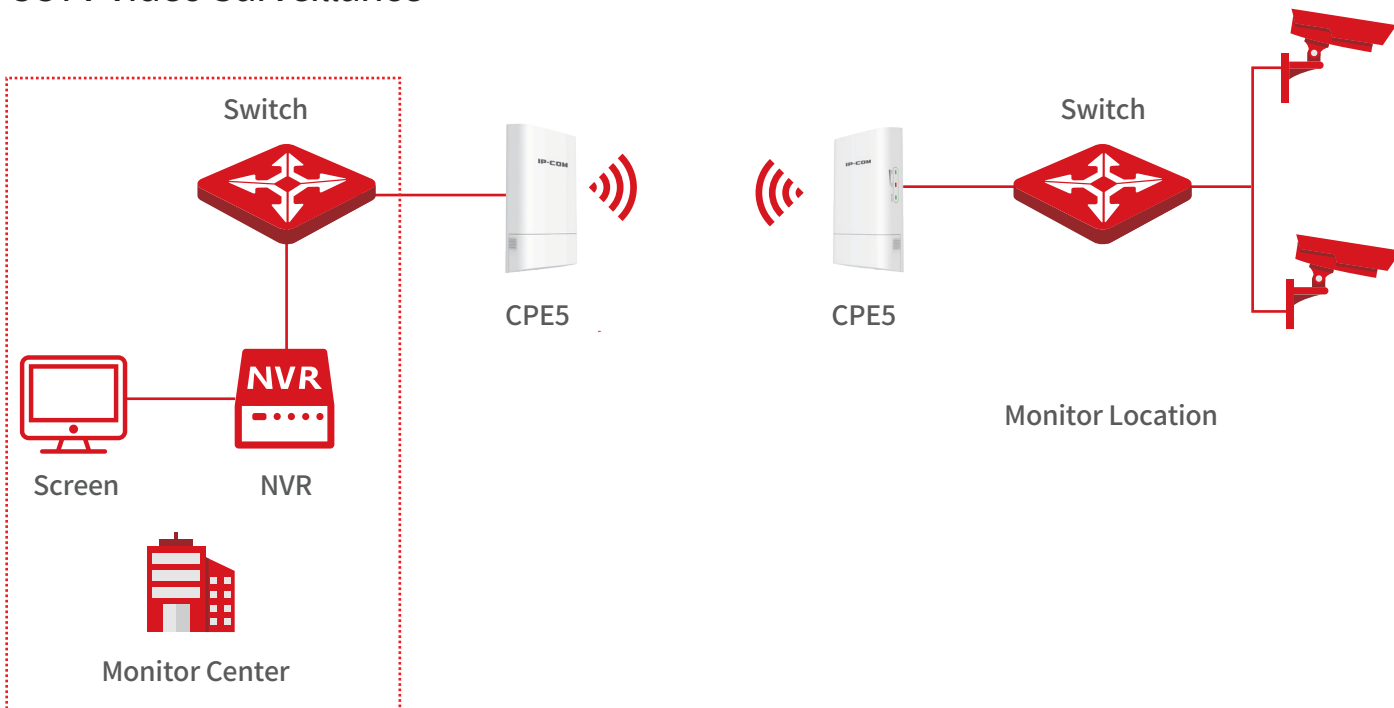
## Professional Outdoor Design

Equipped with IP65 waterproof enclouse and high quality hardware design, CPE5 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment

# Application Scenarios

CPE5 5GHz Outdoor CPE is designed to PtP&P2MP solutions for video surveillance transmission and wireless broadband access.

## CCTV Video Surveillance

Switch

CPE5

CPE5

Switch

Screen

NVR

Monitor Center

Monitor Location

## Private ISP Internet Access

Internet

ISP Network

Basestation+Sector Antenna

Subscriber

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# Related Product

**Microstation 5AC**

* 10+km transmission range
* 5GHz 11AC 867Mbps
* 16dbi directional antenna
* IP65 waterproof enclosure
* 6000V Lightning Protection
* AP,Station,WISP operating mode supported

**Wabebeam 5AC**

* 25+km transmission range
* 5GHz 11AC 867Mbps
* 23dbi directional antenna
* IP65 waterproof enclosure
* 6000V Lightning Protection
* AP,Station,WISP operating mode supported

**Basestation 5AC**

* 5GHz 11AC 867Mbps
* 2*RP-SMA connector
* IP65 waterproof enclosure
* 6000V Lightning Protection
* AP,Station,WISP operating mode supported

**ANT19-5G120**

* 19dBi Dual Polarity Sector Antenna
* Frequency Range 5100~5850MHz
* Horizonal 120º Vertical 120º Elevation 4º
* 2*RP-SMA Connector
* 5+km transmission range with Basestation 5AC

# Specifications

| Product Information | |
| --- | --- |
| Model | CPE5 |
| Dimensions | 132*72*46.3mm |
| Deployment | Pole/Wall Mount |
| Application Scenarios | PtP and PtMP wireless connection for Privated ISP access or CCTV Surveillance |
| Hardware Features | |
| Frequency Range | 5GHz |
| Compliant Standards | IEEE 802.11a/n/ac |
| Private TDMA Protocol | / |
| Maximum Wireless Rate | 867Mbps |
| Interfaces | 1*10/100Mbps LAN Port |
| Antennas Gain | 9dBi |
| Antenna Beamwidth | Horizontal: 30° Vertical: 30° Elevation: 30° |
| Reset Button | 1 |
| Power Consumption | 4.7W |
| Waterproof Level | IP65 |
| LED indicator | PoE/LAN,LED1,LED2 |
| Power Method | 12V 1A Passive PoE<br>12V 1A DC |
| Lightning Protection | / |
| PoE 802.3af/at | / |
| Passive PoE | Passive power over ethernet via PoE/LAN (+4,5pins; -7,8pins ) up to 60 meters<br>Voltage range: 9-13V DC |

# Specifications

| Hardware Features | |
| --- | --- |
| Receive sensitivity | 11a 6Mbps  -92dBm±1.5dBm<br>11n MCS7 HT20  -72dBm±1.5dBm<br>11ac MCS9 HT80 -64dBm±1.5dBm |

| Software Features | |
| --- | --- |
| Operating mode | AP/Station |
| Enable/Disable Wireless Radio | Support |
| SSID Hidden | Support |
| Wireless Client isolation | Support |
| SSID Isolation | / |
| Channel Bandwidth | 20/40/80MHz |
| Client Limitation For SSID | Support |
| Wireless Access Control | Support |
| Weak Signal Client Limitation | / |
| Transmission Power | Adjustable power by 1dBm |
| WMM Capable | Support |
| APSD Capable | Support |
| Wireless Security | 64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK |
| Transparent Bridge | Support |
| VLAN Tagging for SSID | / |
| DHCP Server | / |
| VPN Pass-Through | PPTP,L2TP |
| Remote Web access | / |

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# Specifications

| Software Features | CPE5 5GHz 9dBi ac 867Mbps Outdoor CPE |
|---|---|
| Schedule Reboot | Support |
| Page Timeout | Support |
| Ping Watchdog | Support |
| Dyndns | / |
| Network Diagnoses | / |
| Time&Date Setting | Support |
| Firmware upgrade | Support |
| Backup/Restore Configuration | Support |
| Username Managerment | Support |
| System Log | Support |
| Managed By Controller | PC Software -- CPE Controller |
| **Others** | |
| Package Contents | 1*5GHz 9dBi ac 867Mbps Outdoor CPE<br>1*Power adapter<br>1*PoE  Injector<br>1*Quick Installation Guide |
| Operating Temperature | -30℃ ~ 60℃ |
| Storage Temperature | -40℃ ~ 70℃ |
| Operating Humidity | 10%~90% non-condensing |
| Storage Humidity | 10%~90% non-condensing |
| Default login IP | 192.168.2.1 |
| Default Login Username | admin |
| Default Login Password | admin |
| Certifications | FCC/CE/RoHS |

# IP-COM
World Wide Wireless

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