

# CPE6

2km Point to Point Outdoor CPE

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## 2km Point to Point Outdoor CPE

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### What it does

CPE6 5GHz Long Range Outdoor CPE is designed to WISP CPE solutions and long distance wireless network solutions for video surveillance and data transmission. It features with 12dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network. Adopt of auto-bridging technology, two CPE can connect to each other automatically to make it easy to setup.



## Key Features

- \* 5GHz 11n 300Mbps
- \* 12dbi directional antenna
- \* IP65 waterproof enclosure
- \* 6000V Lightning Protection
- \* AP,Station,WISP operating mode supported
- \* Up to 50 meters of flexible deployment with included PoE Injector

## Product Features

### 2km+ transmission Range

CPE6 adopts of independent power amplifier and 12dBi directional antenna to provide an efficient way to pick up and maintain a stable signal for a wireless network up to 2km.

### Auto-bridge For Two Device

CPE6 adopts of auto-bridge technology,two cpe can connect to each other when you power on them face to face. It is very easy to setup for CCTV surveillance and data.

### Smart Signal Indicator LED

3 signal LED Lights represent the currently signal strength that CPE6 receives from peer device.It is helpful to find the right location to deploy the device and achieve a better performance.

### Multiple Application Scenarios

#### Long-Distance Wireless Connection

One work as AP mode and another work as Station mode to create a long distance wireless connecton for video surveillance and data transmission.

#### WISP(Client+Router) Mode

Wirelessly connect to WISP station/hotspot to share Internet to local wireless and wired network.

### Professional Outdoor Design

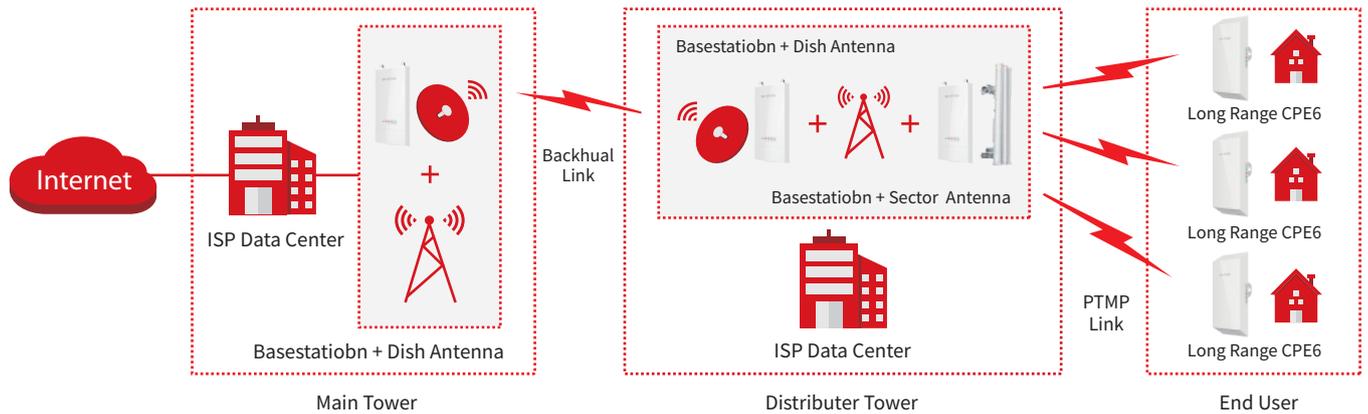
Equipped with IP65 waterproof enclouse and high quality hardware design, CPE6 can work in various weather conditions, such as sunshine, rainfall or extremely low/high temperature environment.

### Easy to Setup and Manage

CPE6 comes with a centralized management software that helps users easily to manage all the devices in the network from a single PC-CPE Controller.

## Application Scenarios

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## Related Product



AP255

- \* 2.4GHz 11n 300Mbps
- \* Two 10/100Mbps LAN ports
- \* Compliant with PoE 802.3af
- \* Vlan tagging for multi SSID
- \* 86 Type wall mount junction box design
- \* Centralized managed by AC1000/AC2000/AC3000



AP265

- \* 11AC dual band 1167Mbps
- \* Two 10/100Mbps LAN port
- \* Compliant with PoE 802.3af
- \* VLAN tagging for multi SSID
- \* 86 Type wall mount junction box design
- \* Centralized managed by AC1000/AC2000/AC3000



AC2000

- \* Easy to configure, manage and monitor Aps
- \* Maximum AP managed number up to 512
- \* Remote manage multi branch AP and AC
- \* Built-in captive portal server and customized welcome page
- \* Access device type and customer behavior statistic



M50

- \* Multi WAN Load Balance
- \* Captive Portal/PPPoE Server
- \* Smart bandwidth control
- \* PPTP/L2TP/IPSec Server
- \* Built-in AP Controller to capable to manage 16 APs

# Specifications

Product Information	
Model	CPE6
Dimensions	193.5*80*67.5mm
Deployment	Pole Mount
Application Scenarios	WISP CPE, Data transmission and Long range video surveillance
Hardware Features	
Frequency Range	5GHz
Compliant Standards	IEEE 802.11a/n
Private TDMA Protocol	iMAX
Maximum Wireless Rate	300Mbps
Interfaces	1*10/100Mbps Ethernet Port
Antennas Gain	12dbi
Antenna Beamwidth	Horizontal: 30° Vertical: 30°
Reset Button	1
DC Jack	1
Power Consumption	6.3W
Waterproof Level	IP65
LED indicator	PoE/LAN,WiFi LED1,LED2,LED3
Power Method	12V1A Passive PoE or DC Adapter
Lightning Protection	6000V
Passive PoE	Passive power over ethernet via PoE/LAN (+4,5pins; -7,8pins) Voltage range: 11-13.8V DC
Receiver sensitivity	MCS0: -96dbm MCS7: -72dbm
Software Features	
Operating mode	AP/Station/WISP/P2MP/WDS Repeater/Router
Enable/Disable Wireless Radio	Support
SSID Hidden	Support
Wireless Client isolation	Support
SSID Isolation	Support
Channel Bandwidth	10/20/30/40MHz
Client Limitation For SSID	Support
Wireless Access Control	Support
Weak Signal Client Limitation	Support

# Specifications

Transmission Power	Adjustable power by 1dBm
WMM Capable	Support
APSD Capable	Support
Wireless Security	64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK,WPA,WPA2
Transparent Bridge	Support
VLAN Tagging for SSID	Support
DHCP Server	Support
VPN Pass-Through	PPTP,L2TP
Remote Web access	Support
Schedule Reboot	Support
Page Timeout	Support
Ping Watchdog	Support
Dyndns	noip, dyndns.org
Network Diagnoses	Ping, Traceroute, Signal Scan
Time&Date Setting	Support
Firmware upgrade	Support
Backup/Restore Configuration	Support
Username Management	Support
System Log	Support
Managed By Controller	PC Software -- CPE Controller
<b>Others</b>	
Package Contents	1*2km Point to Point Outdoor CPE 1*Power Adapter 1*PoE Injector 2*Plastic Staps 1*Quick Installation Guide
Operating Temperature	-30°C ~ 60°C
Storage Temperature	-40°C ~ 70°C
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



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