

### Product Overview

***Xentino DC70E is an 11n 2.4G outdoor CPE with LED display. It comply with 802.11n Wi-Fi standard, data rate up to 300Mbps, Build in 11dBi panel antenna, the Wi-Fi range to up to 1000 meters. With LED display, wireless AP, Wi-Fi repeater, WDS operation mode, it work in pairs for point to point connection, make more than 10pcs IP camera can access into it to enjoy seamless HD movies, streaming, online gaming, wireless security and other bandwidth-intensive tasks.***

### Main Features

- Comply with IEEE 802.11n standard, 2.4G, 300Mbps Data Rate
- 1\*10/100Mbps WAN Port, 1\*10/100Mbps LAN Port
- Build in 11dBi MIMO panel antenna, stronger signal strength, more wireless coverage
- WAN Port support passive PoE
- Support SSID broadcasting, Multi SSID up to 4
- Support Gateway (PPPOE, static IP, dynamic IP), Wireless AP, Repeater, WDS operation mode
- With function of build in firewall, IP filter, URL filter and MAC filter
- Comply with IEEE 802.3az standard, beamforming technology, RF power adjustment and frequency analyzer for better application in different environment
- Support DDNS, VPN pass through, Port forwarding and DMZ host
- Support 64/128-bit WEP security, 128bit WPA (TKIP/AES) security



### 300Mbps Data Rate

DC70E features 802.11n Wi-Fi and MIMO technology, 300Mbps wireless speed ensures high speed internet access and more end users access.

### High Gain Antenna for more range

With 11dBi MIMO high gain antenna, the point to point Wi-Fi range up to 1KM distance. What's more, it can supply the stable Wi-Fi signal for 10pcs IP Cameras in 500 meters.

### Power over Ethernet

DC70E has integrated passive Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

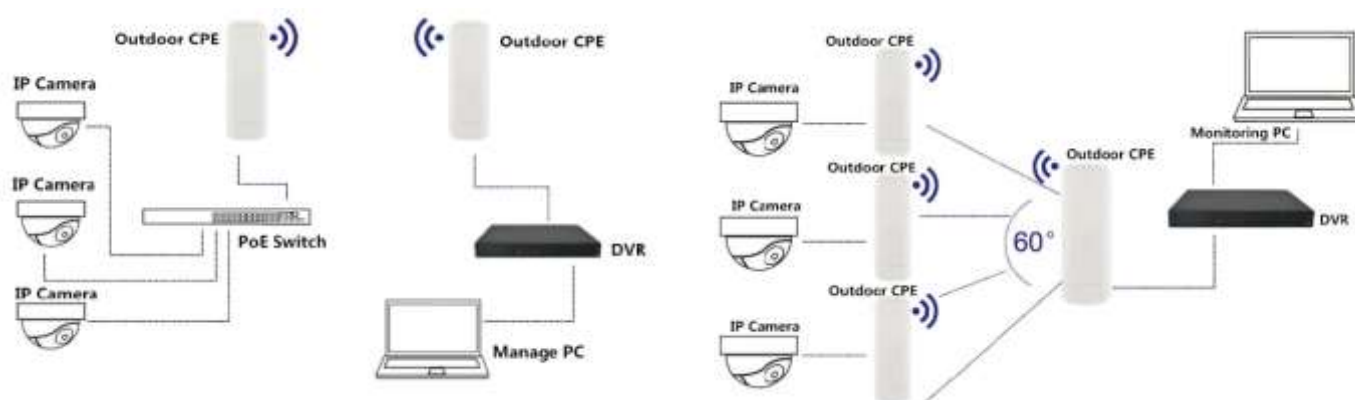
### Multiple Operation and LED Display

DC70E support gateway, wireless AP, Wi-Fi repeater, WDS operation mode, it can apply to almost wireless application scene; Then it with LED display to show AP/Client operation mode, Channels, IP address and Signal Strength; What's more, it is easy to setup DC70E's IP address, RF Power, Channels by set switch on product, no need to access into GUI, avoid the complex setup program, simple to check the working status.

### Access Controller System & Cloud Management System

With Access Control System under AP operation mode, easily access advanced network settings through PC, like AP status monitor, change IP address, ESSID, Channel, Password, upgrade firmware, backup and restore....

Then work with Cloud Management System, easy to do central and remote management, advertisement and multiple authentication make this AP more professional in Wi-Fi Projects.



Hardware:	
Chipset	Realtek RTL8197FNT
Standard	802.11b/g/n
Memory	64MB RAM
Flash	8MB
Interface	1 * 10/100Mbps RJ45 WAN Port
	1 * 10/100Mbps RJ45 LAN Port
	1 * LED display, show operation mode, channel, signal strength
	1 * F(Function) switch button for LED display
	1 * S(Select) button for LED display
	1 * DC Injector
	1 * Reset button, press 15 seconds to revert to default setting, press 1 second to finish LED display configuration
LED Indicator	PWR(Power), WAN, LAN, Wi-Fi
Antenna	Build in 11dBi MIMO Panel Antenna, 2.4GHz
Water-Proof Level	IP65
Power Consumption	24V PoE<5W
Size	168mm*88mm*57.6mm
Weight	234.5g
RF Data	
Frequency	802.11b/g/n (2.4GHz)
Country code	FCC,IC,ETSI,MKK,MKK1,MKK2,MKK3,NCC,RUSSIAN,CN
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM
	DSSS = DBPSK, DQPSK, CCK
Throughput	300Mbps
RF Power	11n: @MCS7:15±2DB, @MCS0:18±2DB. 11g: @54M:15±2DB, @6M:18±2DB. 11b: @11M:19±2DB, @1M:19±2DB.
Receive Sensitivity	11n: -69dbm@MCS7, -84dbm@MCS0. 11g: -72dbm@54Mbps, -82dbm@6Mbps. 11b: -80dbm@11Mbps, -94dbm@1Mbps,
EVM	11n: ≤-28 DB 11g: ≤-25 DB 11b: ≤-10 DB
PPM	±20ppm

Firmware Features	
Operation mode	Wireless AP, Gateway, Wi-Fi Repeater, WDS
WAN Type	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
SSID	Multiple SSID up to 4
Firewall	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols	IPv4
Others	
Package Contents	300Mbps Outdoor CPE Ethernet Cable Quick Installation Guide Setting Accessory
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, MAC OS, NetWare, UNIX or Linux
Environment	Operating Temperature: -30~55 °C Max Operating Temperature: -40~70 °C (Throughput lower) Storage Temperature: -40~70 °C Humidity: 5%~95% non-condensing
Management	Firmware GUI ,Remote Management, WLAN Controller, Cloud Management System

