

NetPoint Pro CPE-AP

Dual Zone CPE for Residential Wireless Broadband Access

Netronics NetPoint Pro CPE-AP is an indoor dual zone CPE for residential wireless broadband access.

The NetPoint Pro CPE-AP provides an extended and ubiquitous indoor coverage in a cost-effective price. The device is compact and easily self-installed, enabling also simple window mount.

As part of Netronics end-to-end-solution, the NetPoint Pro CPE-AP provides seamless dual zone connectivity – on one side to the Netronics base station and on the other side to the customer's PC or laptop throughout the customer's premise.

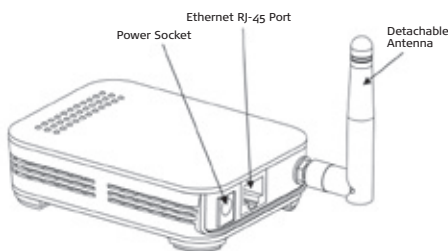


Netronics Dual Zone CPE

This dual zone capability simplifies the project roll out and enables product sales directly to the end user through retail stores. The NetPoint Pro CPE-AP full indoor coverage is achieved due to its high transmission power and sensitivity and due to its repeater functionality, which extends the Netronics base station coverage to all the rooms in the customer's premise. The NetPoint Pro CPE-AP is a key part of Netronics residential wireless broadband solution. Together with the NetPoint Pro, the NetPoint Pro CPE-AP creates a highly cost-effective solution with unparalleled coverage and capacity.



Hardware Discription



Typical Application: Wireless broadband residential and SME access

Wireless is an attractive alternative for providing broadband access to residential neighbourhoods. Among the different wireless solutions in the market today, Netronics end-to-end solution provides the most cost-effective wireless network, with superior range and throughput, simpler deployment and easier maintenance.

Netronics NetPoint Pro Wi-Fi base station is typically mounted on an elevated location in the neighbourhood and provides coverage to surrounding households. Each household can purchase the NetPoint Pro CPE-AP at a convenient retailer and self-install it on or near a window, inside the house. With this simple setup, the NetPoint Pro CPE-AP will distribute the Wi-Fi signal indoors, ensuring wireless internet access to all the PC's, laptops and other internet devices throughout the house.

Features and Benefits

Superior indoor coverage

The repeater functionality ensures full indoor coverage at every room.

Simple and fast service roll-out

Enabled by the simple self-installed feature which allows sales through retail stores.

Straight forward performance upgrades

Enabled by replacing the default detachable antenna with a higher gain antenna.

Cost effective solutions

Together with Netronics NetPoint Pro base Station provides a very cost effective wireless broadband solution.

Window-mount kit

Included in the package, ensures easy user installation.

Plug-and-play solution

Does not require driver or computer installation-device is stand-alone and only needs.

Specifications

Interfaces

802.11 b/g Wi-Fi radio
1 LAN port (Fast Ethernet)

Operating Channels

802.11g: 11 channel in base mode

AC Power Adaptor

Input: 100-240 VAC, 50-60 Hz

Compliances

FCC Part 15B Class B
EN 55022B, EN 55024
EN 61000-3-2, EN 61000-3-3

Standards

IEEE 802.11 x, IEEE 802.11b,g,
Wi-Fi 11b/g, WPA, WPA2, WMM

Wireless Output Power

802.11b: 24 dBm
802.11g: 20 dBm
Wireless Receive Sensitivity
802.11b: -90 dBm @ 1 Mbps, -84 dBm @ 11 Mbps
802.11g: -86 dBm @ 6 Mbps, -68 dBm @ 54 Mbps

Modulation Type

802.11g: CCK, BPSK, QPSK, OFDM
802.11b: CCK, BPSK, QPSK

LED Indicators

Operating: 0 to 40°C (32 to 104°F)
Storage: -20 to 70°C (32 to 158°F)

Radio Signal Certification

FCC Part 15C 15.247, 15.207 (2.4 GHz)
EN 300 328, EN 301 489-1, EN 301 489-7
ARIB STD-T66, IC RSS-210

Physical Size

12.5 x 7 x 2.7 cm (4.92 x 2.76 x 1.06 in)

Operating Frequency

802.11g: 2.4~2.4835 GHz (US, Canada)
2.4~2.4835 GHz (ETSI, Japan)
2.4~2.4835 GHz (US, Canada)
2.4~2.4835 GHz (ETSI)
2.4~2.497 GHz (Japan)

LED Indicators

POWER, LAN (Ethernet Link/Activity)
WLAN (Wireless Link/Activity)

Network Management

Web-browser

Humidity

15% to 95% (non-condensing)

Weight

170 g (6 oz)



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