


Key features

- 32 x  supported
- Zero configuration, Ready-Out-of-the-Box
- Built-in guest network (in collaboration with several providers)
- Built-in wireless Mesh networking



Captive Portal Ready

The EAP300-CP is a Captive Portal Ready device, which offers an instant wireless internet access for your guests (in collaboration with several providers). Your guest can be *authenticated by means of vouchers, online payments, social media accounts such as Facebook, Twitter, LinkedIn, Google, Email, SMS or by just a simple tick to accept terms and conditions before allowing access.

Plug-N-Play

The EAP300-CP is a Plug-N-Play device requiring zero configuration. Simply plug the device into the Ethernet port of your existing router, create an online account on the Cloud Captive provider and selecting the type of *authentication methods for your guests and your wireless guest network becomes instantly ready. The device also has a private secured wireless network which can be accessed by using the serial number of the device as the encryption key.

Built-in wireless Meshing for multiple and scale-able deployment

Additional devices required in your location for extended wireless coverage needs only to be powered up without the need of an Ethernet connection. These devices will then automatically join the main device plugged to the existing router, through its default wireless mesh network.

** Different subscriptions offering various authentication by third-parties Cloud Captive provider may apply accordingly.*

Hardware

Memory: 32MB
Flash: 4MB

Antenna

Internal 5dBi MIMO antenna

Physical interface

LAN: 1x 10/100 Fast Ethernet RJ-45 (802.3af PoE standard supported)
Reset button
Power Jack

Power requirement

Adapter: 12V/1A
RF specification

Frequency band

2.4GHz

Data rate

Up to 300Mbps

Software

Operation modes
Mesh

Wireless/Network

Wireless mode - 11b / 11g / 11n
Channel selection (setting varies by country)
Channel bandwidth (Auto, 20MHz, 40MHz)
Transmission rate - 11n only, 11b/g/n mix,
11b only, 11b/g

Security

WEP (64/128bit)
WPA/WPA2 TKIP/AES
MAC address filtering (WLAN, up to 32 field)
802.1x authenticator MD5/TLS/TTLS/PEAP
802.1x supplicant TTLS, PEAP

QoS (Quality of Service)

WMM (Wireless Multimedia)

Environment & mechanical

Temperature range: 0 to 50°C
Operation, -20 to 60°C storage
Humidity (non-condensing)
90% or less
Operating, 90% or less storage