



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 ENS202EXT-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 ENS202EXT-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.

The ENS202EXT-CP has an IP65 rated weatherproof housing that ensures continued operation in harsh outdoor environments or in climates of extreme cold, heat or continuous moisture.

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

Hardware

RF: 2.4GHz frequency band
Memory: 64MB
Flash: 16MB

Antenna

External/detachable 5dBi omni-directional antennas

Physical interface

2 x RJ-45 Fast Ethernet (10/100 Mbps)
1 x Reset button

Power requirement

Active Ethernet (Power-over-Ethernet)
Proprietary PoE design
Power Adapter: 24V/0.6A

RF Specification

2.4GHz frequency band
IEEE802.11b/g/n

Frequency band

2.4GHz

Data rate

Up to 300Mbps

Software

Operation modes
Mesh

Wireless/Network

Auto Channel selection
Distance Control(802.1x Ack Timeout)
CLI (Command Line Interface) supported
802.1 X RADIUS Supplicant (CB Mode)
Multiple SSID (4SSID), BSSID
WDS AP / WDS Bridge / WDS Station
Multicast supported
VLAN Tagging / VLAN Pass-through
Auto reboot
Wi-Fi Scheduling

Security

WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
WPA/WPA2 Enterprise (WPA-EAP using TKIP)
Hide SSID in beacons
MAC address filtering up to 50 field
Wireless STA (Client) connected list

QoS (Quality of Service)

WMM (Wireless Multimedia)

Environment & mechanical

Temperature range
Operation,: -20°C ~ 70°C
Storage: -30°C to 80°C
Humidity (non-condensing)
0% - 90% typical