

# EVO6500EXT

## Wi-Fi 6 Mesh Beacon

**Featuring 4x4 Antennas**  
**802.11ax Wi-Fi Capability**  
**(2.4GHz 2x2 + 5GHz 4x4)**

EVO6500EXT enables service providers to safely provide high-quality Wi-Fi to all locations in the subscriber's home. By using 802.11ax (Wi-Fi 6) technology, customers enjoy faster and more stable services than before, ensuring flexibility in location and ease of installation. Service providers can leverage improved remote management and monitoring capabilities to reduce support costs. EVO6500EXT mesh beacon seamlessly pairs with EVO4000GW gateway or, alternatively, with EVO6600AP router.



### KEY FEATURES

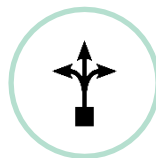
- Upload and Download OFDMA AP & STA
- Wi-Fi 6 MU-MIMO
- 2.4GHz 2x2 + 5GHz 4x4
- RAM: 256MB DDR3
- NAND: 128MB
- Dual-band Antenna
- IPv4/IPv6 support
- Smart Roaming (AP steering)
- Remote Management (TR-069)
- Giga Ethernet LAN Ports



2X2 / 4X4



802.11ax  
(Wi-Fi 6)



Dual Band  
Concurrent



TR-069



Mobile App  
Support

**CONTACT EVOLUTION DIGITAL FOR MORE INFO:**  
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## Network

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- IPv4/IPv6 support
- IGMP(v3), IGMP Snooping, MLD
- VLAN IEEE 802.1q
- QoS : IEEE 802.1p, IPv4/IPv6, MAC, Port and DiffServ,
- WMM, WRED, WRR, Leaky Bucket Shaper Schedule
- MSTP (Multiple Spanning Tree Protocol)
- Multiple PVC Support

## WLAN

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- Wi-Fi Access Point  
2.4GHz 11ax : 2x2  
5GHz 11ax : 4x4 (160MHz)
- 20/40/80/160 MHz channels
- WPS support
- Multi SSIDs
- IAS (Intelligent Airtime Scheduling), Band Steering, Hotspot 2.0

## 802.11ax

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- UL and DL OFDMA AP & STA support
- 11ac and 11ax MU-MIMO
- 4x Symbol Size
- Target Wake Times (TWT)
- 11ax Range Extension mode
- 1024 QAM

## Smart Wi-Fi

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- Intelligent Mesh
- Roadmap to EasyMesh R2 certification upon industry readiness (1H 2021)
- Smart roaming (AP steering)
- 802.11 k/v/r
- Band-steering
- ACS (Auto Channel Selection)

## Accessory

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- 12V / 1.5A Power adaptor
- Ethernet Cable
- User Manual

## Management/ Diagnostics/ Configuration

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- TR-069, TR-181v2
- TFTP, FTP
- WEB/UI (HTTP/HTML), Remote Diagnostics

## Compliance/Certificates

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- RoHS Compliant
- Wi-Fi Alliance

## Physical Interface

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- Front Panel
  - LEDs
- Rear Panel
  - 2 x GbE LAN Ports (1st GbE + 2nd GbE)
- Factory Reset Button
- WPS Button
- Power Switch

## Features

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- Wi-Fi InSight
- Graphical connection view

## Mechanical & Environmental Specification

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- Operating Temperature : 0°C (32°F) ~ 40°C (104°F)
- Storage Temperature : -30°C (86°F) ~ 60°C (140°F)
- Humidity : 10 ~ 90% (Non-condensing)
- Dimensions (W x D x H) : 54(7.2)mm x 130mm x 130mm