Managed Station Outdoor Wireless

Reliable and Scalable Outdoor Access Points

EnGenius Station Outdoor Access Points provide ultra-fast wireless connectivity, flexible scalability, and unwavering reliability. Delivering high-capacity Wi-Fi 6 to various outdoor spaces like resort pools, campus quads, and other properties, these access points boast exceptional range and peak performance even in the harshest environments. Whether operating individually or seamlessly managed centrally, there are no licensing or subscription fees to worry about.

High-Performance and Long-Range Connectivity with Wi-Fi 6
Wi-Fi 6(11ax) wireless speed increases throughput, supporting greater efficiency, and accommodates heavy multi-application traffic with extended bandwidth over greater distances.

Flexible Outdoor Deployment with Power-over-Ethernet
Easily connect and power the Access Points with 802.3af/at PoE port, enabling hassle-free deployment and versatile device placement for outdoor environments with limited power outlets.

Outstanding Performance in Harsh Outdoor Environments
The robust Station Outdoor Access Points boast IP55 standard waterproofing and anti-UV protection, ensure resilience against surges and ESD, and withstand temperatures ranging from -20˚ C to 60˚C, guaranteeing exceptional performance even in the harshest outdoor environments.

Effortless Network Setup and Management with EnWiFi App
The EnWiFi App enables single device or group settings for both indoor and outdoor applications, with quick-setup options for deployment and monitoring for initial configuration.

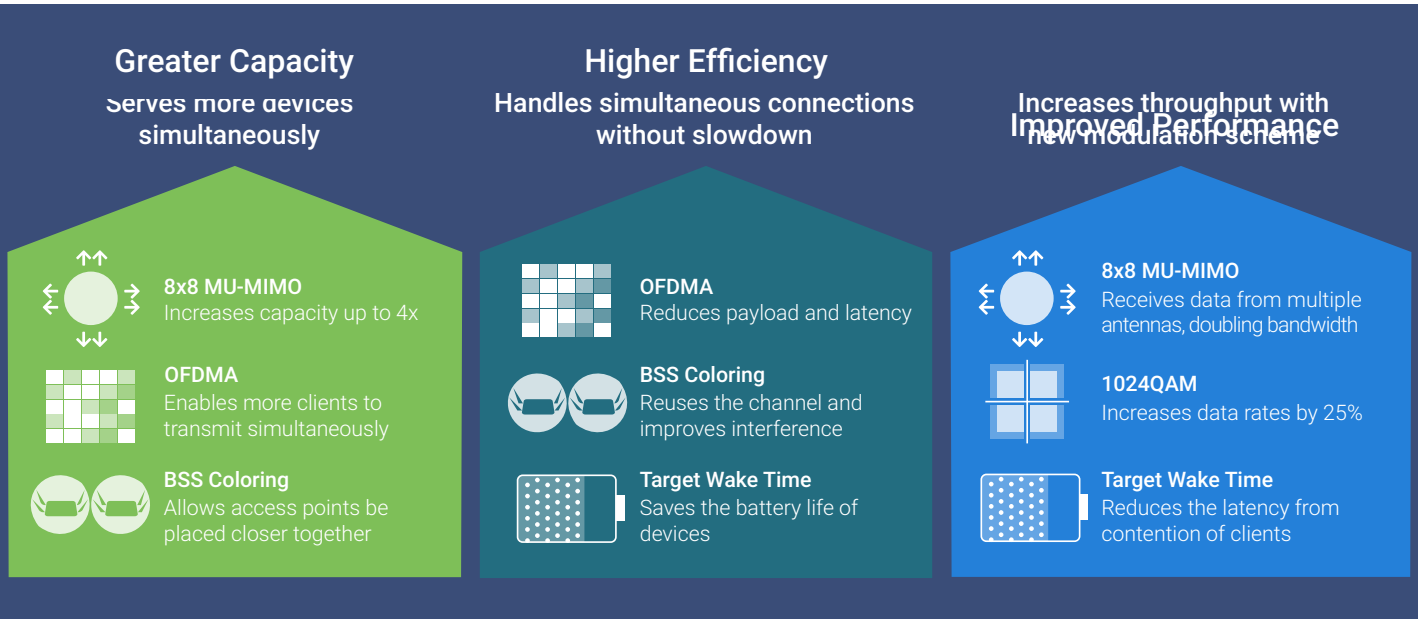
Features & Benefits

- Supports standards up to 802.11ax and backward compatible with 11ac/a/b/g/n
- Wi-Fi 6 supports up to 1,200 Mbps in a 5GHz band & 574 Mbps in a 2.4GHz band.
- Beamforming optimizes antenna signal, reception & reliability for clients.
- Uplink & downlink of MU-MIMO provides optimal signal and reception for up to eight devices.
- 802.3at PoE standard allows for flexible installation over100 meters.
- Flexible operation modes: Access Point, Station, WDS Access Point, WDS Station, Repeater.
- High-gain 2x2 directional antennas or detachable omni-direction antennas.
- IP55-rated weatherproof & dustproof housing to withstand the harsh environment.
- Flexible Operation Modes: Access Point, Station, WDS Access Point, WDS Station, and Repeater.
- EnWiFi App simplifies wireless network deployment, management, and monitoring with an intuitive interface.

Wireless Access Points Feature Highlights

The Future-Proof Next-Gen Wi-Fi 6

The Wi-Fi 6(802.11ax) technology builds upon real-world deployment of 11ac. As a new generation Wi-Fi, 11ax is no longer just about speeds but also about stronger, steadier, and more efficient wireless connections.



Ultra-Fast Connecting Speeds

The Wi-Fi 6 Station Outdoor Access Points deliver the highest available speeds for Wi-Fi connectivity devices. Beamforming technology focus-es signals directly to client devices, providing optimal, reliable reception even in densely crowded environments. The dual-concurrent MU-MIMO radio operation sends beams to multiple users simultane ously, creating increased network capacity.

Better Performance and Longer ranges

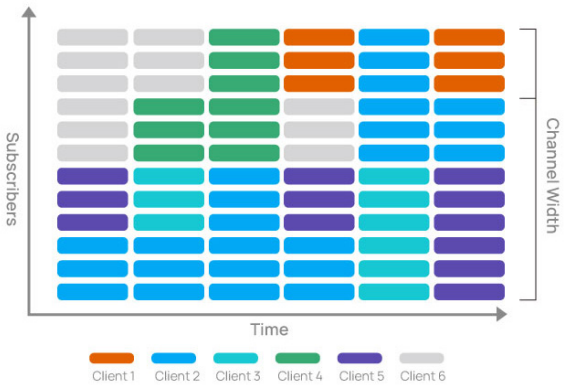
The Wi-Fi 6 outdoor bridge extends the wireless network in locations where cabling is not practical and eliminates the expense of cable runs. When paired with another Wi-Fi 6 bridge, the fast speeds and op-timal bandwidth at extended ranges transmit clear, seamless HD video streaming from all cameras to the command center, achieving longer ranges in a point-to-point/multiple-point deployment.

Longer OFDM Symbol Time robust against interference

Long Signal OFDM offers much broader multi-path tolerance, reduces overhead, and bolsters throughput making outdoor wireless more reliable. It increases resilience to channel impairments, especially in environments with multi-path fading and other signal distortions, improving wireless communication reliability and efficiency.efficiency.

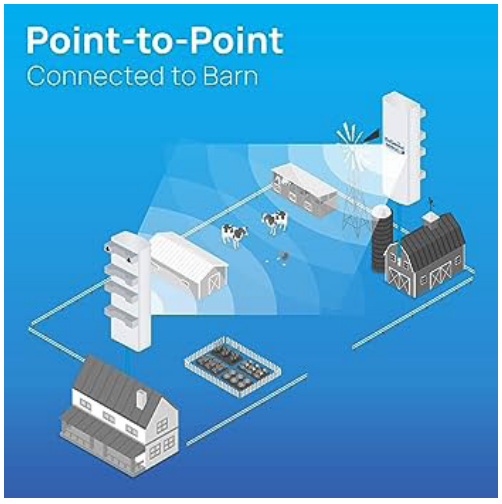
OFDMA in Both Uplink and Downlink

With a traditional Wi-Fi network, devices may have to wait for the client to send or receive data on a crowded network. OFDMA allows for more devices to be served data in the same transmission window, resulting in more efficient communication and reduces latency with multiple devices simultaneously.



Typical Applications for Point to Point and Multi-point Networks

- Connecting two or more buildings together to provide a single network
- Fiber Replacement
- Video Surveillance System
- To provide a temporary site link
- To have a disaster recovery link in mission critical networks
- Sharing network resources with other locations
- RV Parks
- Marinas
- Digital Signage
- Solar Array

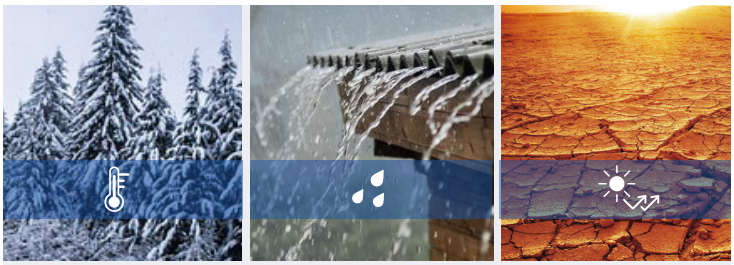


Optimize Connectivity with Mesh Technology

Utilize mesh access point mode on select Fit APs for retrofit or new install applications where wire runs are not possible. Mesh's smart sensing technology adds devices quickly, optimizes routes between APs, and automatically self-heals the network in the event an AP should ever lose connection.

Keep High Performance in Harsh Environments

Designed to perform in harsh conditions, EnGenius Station Outdoor Access Points feature industrial-grade from IP55-rated enclosures, ensuring the APs can withstand extreme outdoor climates. This includes prolonged outdoor exposure to sunlight, extreme cold, frost, snow, rain, hail, heat and humidity.



-20°C to 60°C | Industrial IP55 | Anti UV

EnWiFi: Wireless Network Set-Up and Management App

EnWiFi Mobile App

The EnWiFi App enables single device or group settings for both indoor and outdoor applications, with quick-setup options for deployment and monitoring for initial configuration.

Manage On-the-Go

Enables fast indoor & outdoor wireless network deployment by providing network management on-the-go.

Easy Configuration

Enables user to do mass configuration changes, firmware updates, monitoring via an intuitive interface.

Visualized Monitoring

Enables users to view the status of a wireless network at a glance and quickly identify healthy or offline wireless access points.

Station Outdoor Wireless Comparison Table

	EnGenius Station Outdoor Wireless						
							
Model Number	**ENH1350 EXT**	**ENS610 EXT**	**ENS620 EXT**	**Enstation5-AC**	**EnstationAC**	**ENH500-AX**	**EnStation6**
Wi-Fi Standard	802.11a/b/g/n/ac Wave 2	802.11a/n/ac	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2	802.11a/n/ac/ax	802.11a/n/ac/ax
Frequency	2.4 GHz & 5GHz	2.4 GHz & 5GHz	2.4 GHz & 5GHz	5 GHz	5 GHz	5 GHz	5 GHz
Data Rate (2.4 GHz)	400 Mbps	400 Mbps	400 Mbps	-	-	-	-
Data Rate (5 GHz)	867 Mbps	867 Mbps	867 Mbps	867 Mbps	867 Mbps	1200 Mbps	1200 Mbps
Radio Chains	2 x 2:2	2 x 2:2	2 x 2:2	2 x 2:2	2 x 2:2	2 x 2:2	2 x 2:2
Tx Power (2.4 GHz)	23 dBm	15 dBm	27 dBm	-	-	-	-
Tx Power (5 GHz)	23 dBm	15 dBm	27 dBm	26 dBm	26 dBm	26 dBm	26 dBm
Antennas	2x 5 dBi(2.4 GHz) 2x 5 dBi(5 GHz)	2x 5 dBi(2.4 GHz) 2x 5 dBi(5 GHz)	2x 5 dBi(2.4 GHz) 2x 5 dBi(5 GHz)	19 dBi (5 GHz)	19 dBi (5 GHz)	16dBi (5 GHz)	19 dBi(5 GHz)
Antenna Beam-width	-	-	-	-	-	Azimuth:40°, Elevation:20°	Azimuth:25°, Elevation:24°
PoE Standard	802.3af/at	24V Proprietary	24V Proprietary	24V Proprietary	PoE: 802.3at PSE: 802.3af	Proprietary 54V	Proprietary 54V
Network Interface	1x GE port	2x GE ports	2x GE ports	2x GE ports	2x GE ports	1x GE Proprietary PoE Port 1x GE Port	1x GE Proprietary PoE Port 1x GE Port
IP Rating	IP67	IP55	IP55	IP55	IP55	IP55	IP55
Mounting Type	Wall/Pole mount	Wall/Pole mount	Wall/Pole mount	Wall/Pole mount	Wall/Pole mount	Wall/Pole mount	Wall/Pole mount
Dimensions	174 x 111 x 30 mm	186 x 100 x 29 mm	192 x 114 x 48 mm	Φ190 x 38 mm	Φ190 x 38 mm	260 x 84 x 55 mm	Φ190 x 38 mm
Operating Modes	AP/Mesh/CB/WDS AP/WDS BR/WDS STA	AP/STA/WDS AP/ WDS STA/ Repeater	AP/CB/WDS AP/ WDS BR/WDS STA/ Repeater	AP/CB/WDS AP/ WDS STA	AP/CB/WDS AP/ WDS STA	AP/STA/WDS AP/ WDS STA/ Repeater	AP/STA/WDS AP/ WDS STA/ Repeater
MU-MIMO	●	●	●	●	●	●	●
Beamforming	●	●	●	●	●	●	●
Mobile app (EnWiFi App)	●	●	●	●	●	●	●

*Models vary depending on the region.

ENH1350EXT Specifications

Radio Specification

Wi-Fi Standards
802.11a/b/g/n/ac Wave 2

Tx Power (Aggregated)
2.4GHz: Max. 23dBm*

5GHz: Max. 23dBm*

Data Rate
802.11b: 1, 2, 5.5, 11Mbps

802.11a/g: 6, 9, 12, 18, 36, 48, 54Mbps

802.11n: 6.5 to 400Mbps (MCS0 to MCS15, HT20 to HT40, support 256-QAM modulation to achieve 400Mbps under 2.4GHz)

802.11ac: 6.5 to 867Mbps (MCS0 to MCS9, NSS=1 to 2, VHT20 to VHT80)

802.11ax (2.4GHz): -

802.11ax (5GHz): -

SU-MIMO Capability
2.4GHz: 2x2

5GHz: 2X2

MU-MIMO Capability
2.4GHz: 2x2

5GHz: 2X2

Modulation Type
802.11b: BPSK,QPSK, CCK

802.11a/g/n/ac: BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax: -

Support frequency
2412-2482MHz, 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz*

Tx Beamforming
Yes

Antenna Specification

2.4GHz
2 x 5dBi (SMA Type)

5GHz
2 x 5dBi (SMA Type)

Physical Interfaces

Networking Ethernet Port
1 x 10/100/1000 BASE-T

DC-Input
-

Reset Button
Yes, proceed reset and reboot when pushing this button on the accompanied PoE adapter EPA5006GR

Power Source and Consumption

Power over Ethernet (PoE)
PoE: 802.3af/at , Proprietary 54V

DC-Input
-

Power Consumption
PoE: Max. 12.6W

Mechanical Specification

Dimensions
174 x 111 x 30 mm

Weight
829.5 g

Environmental Specification

Operating Temperature
-20 to 60 °C

Storage Temperature
-40 to 80 °C

Storage Humidity
0 to 90% non-condensing

IP Rating
IP67

Surge Protection
L-L: 1KV
L-G: 2KV

ESD Protection
Air: 8KV

Mounting Method

Ceiling Mount
-

Wall Mount
Yes

Pole Mount
Yes

Regulatory Compliance and Certification

Regulatory Compliance
FCC, CE, IC, NCC

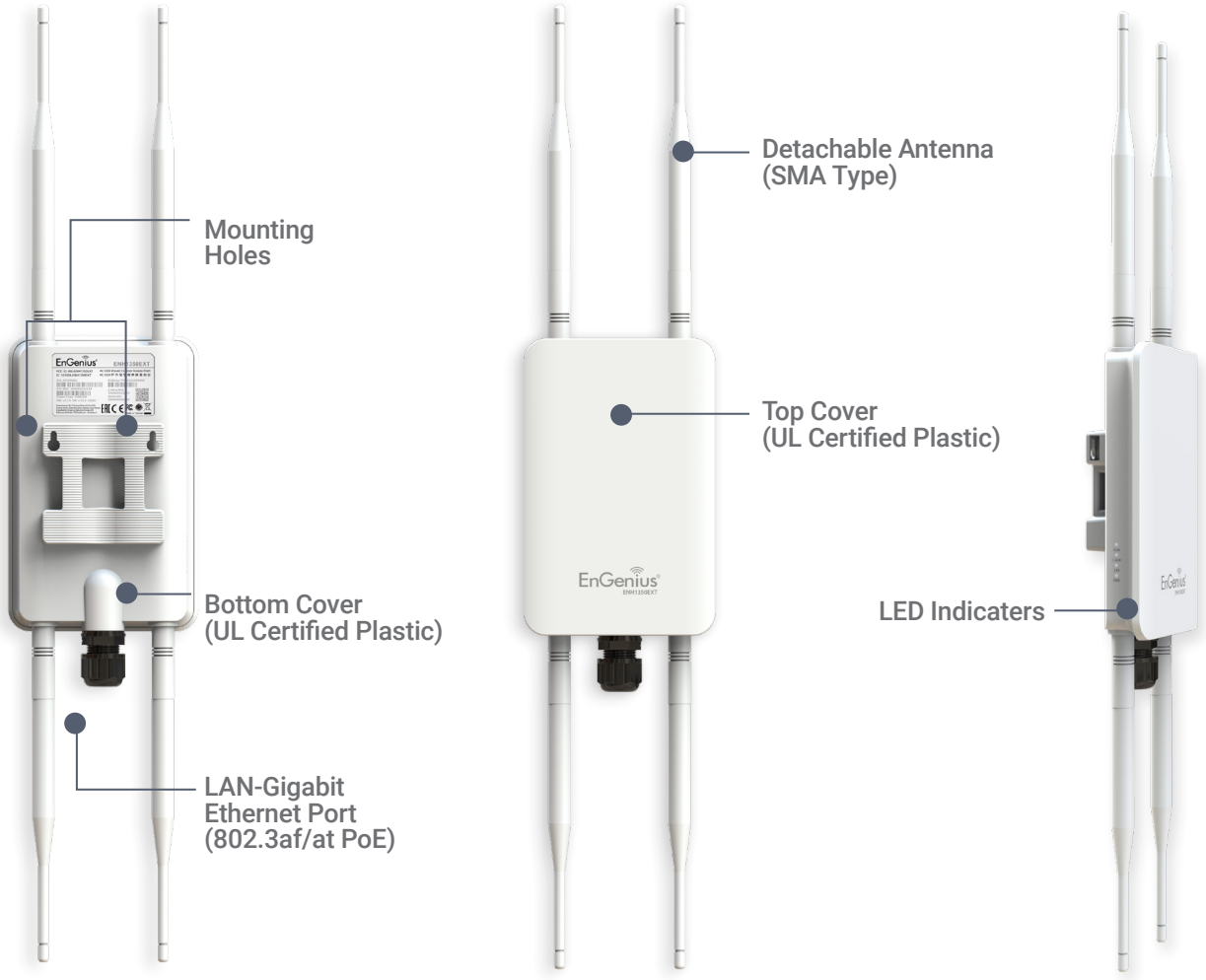
Safety Compliance
CB, BSMI

Wi-Fi Alliance
Yes

WEEE
Yes

RoHS
Yes

ENH1350EXT Product Views



ENS610EXT Specifications

Radio Specification

Wi-Fi Standards
802.11a/b/g/n/ac Wave 2

Tx Power (Aggregated)
2.4GHz: Max. 15 dBm

5GHz: Max. 15 dBm

Data Rate
2.4 GHz: Max 400

5 GHz: Max 867

802.11b: 1, 2, 5.5, 11

802.11g: 6, 9, 12, 18, 24, 36, 48, 54

802.11n: 6.5 to 400 (MCS0 to MCS15)

802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS=1~2)

SU-MIMO Capability
5GHz: 2X2

MU-MIMO Capability
5GHz: 2X2

Modulation Type
802.11b: BPSK,QPSK, CCK

802.11a/g/n/ac: BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax: -

Support frequency
2.4GHz: 2400 MHz ~ 2835 MHz

5GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725MHz ~ 5850MHz

Tx Beamforming
Yes

Antenna Specification

2.4GHz
2 x 5dBi (SMA Type)

5GHz
2 x 5dBi (SMA Type)

Physical Interfaces

Networking Ethernet Port
2 x 10/100/1000 BASE-T

DC-Input
-

Reset Button
Yes, proceed reset and reboot when pushing this button on the device.

Power Source and Consumption

Power over Ethernet (PoE)
Proprietary 24V

DC-Input
-

Power Consumption
PoE: Max. 15W

Mechanical Specification

Dimensions
180 x 100 x 29mm

Weight
507 g

Environmental Specification

Operating Temperature
-20 to 60 °C

Storage Temperature
-40 to 80 °C

Storage Humidity
0 to 90% non-condensing

IP Rating
IP55

Surge Protection
L-L: 1KV
L-G: 2KV

ESD Protection
Air: 8KV

Mounting Method

Ceiling Mount
-

Wall Mount
Yes

Pole Mount
Yes

Regulatory Compliance and Certification

Regulatory Compliance
FCC, CE, IC, RCM, NCC

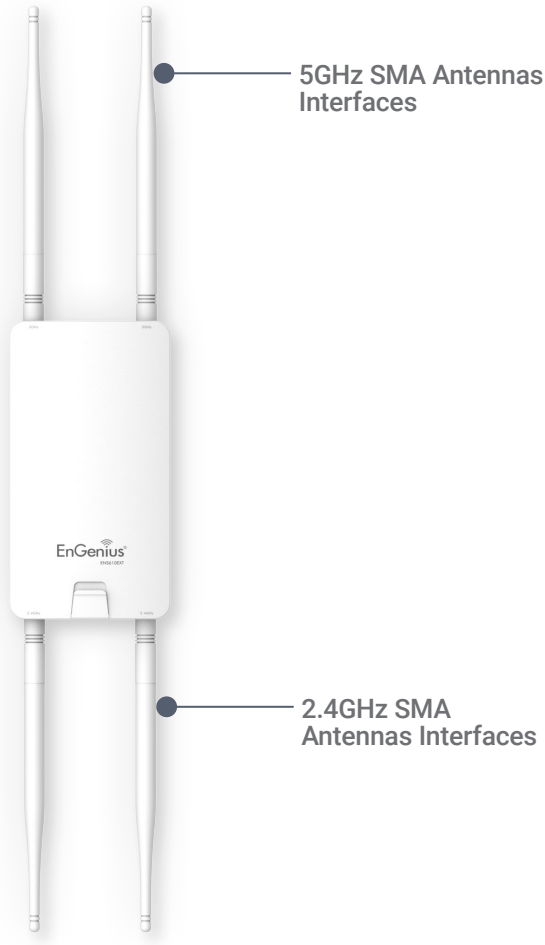
Safety Compliance
CB, UL, BSMI

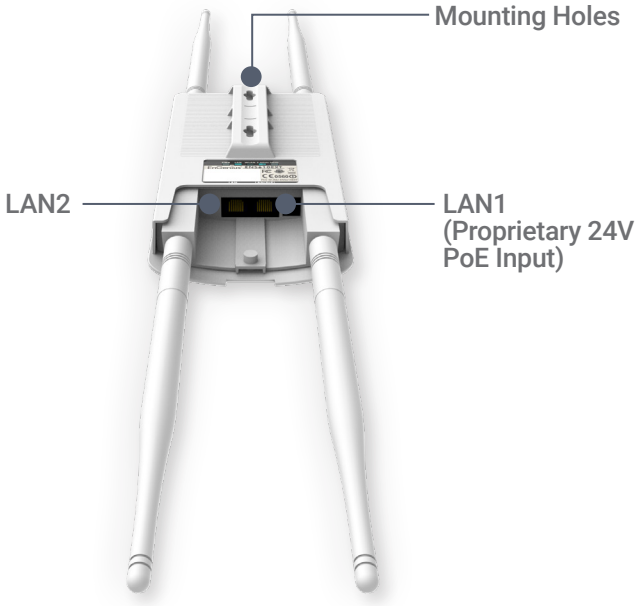
Wi-Fi Alliance
Yes

WEEE
Yes

RoHS
Yes

ENS610EXT Product Views





ENS620EXT Specifications

Radio Specification

Wi-Fi Standards
802.11a/b/g/n/ac Wave 2

Tx Power (Aggregated)
2.4GHz: Max. 27dBm*

5GHz: Max. 27dBm*

Data Rate
802.11b: 1, 2, 5.5, 11Mbps

802.11a/g: 6, 9, 12, 18, 36, 48, 54Mbps

802.11n: 6.5 to 400Mbps (MCS0 to MCS15, HT20 to HT40, support 256-QAM modulation to achieve 400Mbps under 2.4GHz)

802.11ac: 6.5 to 867Mbps (MCS0 to MCS9, NSS=1 to 2, VHT20 to VHT80)

802.11ax (2.4GHz): -

802.11ax (5GHz): -

SU-MIMO Capability
2.4GHz: 2x2

5GHz: 2X2

MU-MIMO Capability
2.4GHz: 2x2

5GHz: 2X2

Modulation Type
802.11b: BPSK,QPSK, CCK

802.11a/g/n/ac: BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax: -

Support frequency
2400-2483.5MHz, 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz*

Tx Beamforming
Yes

Antenna Specification

2.4GHz
2 x 5dBi (SMA Type)

5GHz
2 x 5dBi (SMA Type)

Physical Interfaces

Networking Ethernet Port
2 x 10/100/1000 BASE-T

DC-Input
-

Reset Button
Yes, proceed reset and reboot when pushing this button on the device.

Power Source and Consumption

Power over Ethernet (PoE)
Proprietary 24V

DC-Input
-

Power Consumption
PoE: Max. 15W

Mechanical Specification

Dimensions
192 x 114 x 48 mm

Weight
504 g

Environmental Specification

Operating Temperature
-20 to 60 °C

Storage Temperature
-40 to 80 °C

Storage Humidity
0 to 90% non-condensing

IP Rating
IP55

Surge Protection
L-L: 1KV
L-G: 2KV

ESD Protection
Air: 8KV

Mounting Method

Ceiling Mount
-

Wall Mount
Yes

Pole Mount
Yes

Regulatory Compliance and Certification

Regulatory Compliance
FCC, CE, IC, RCM, NCC

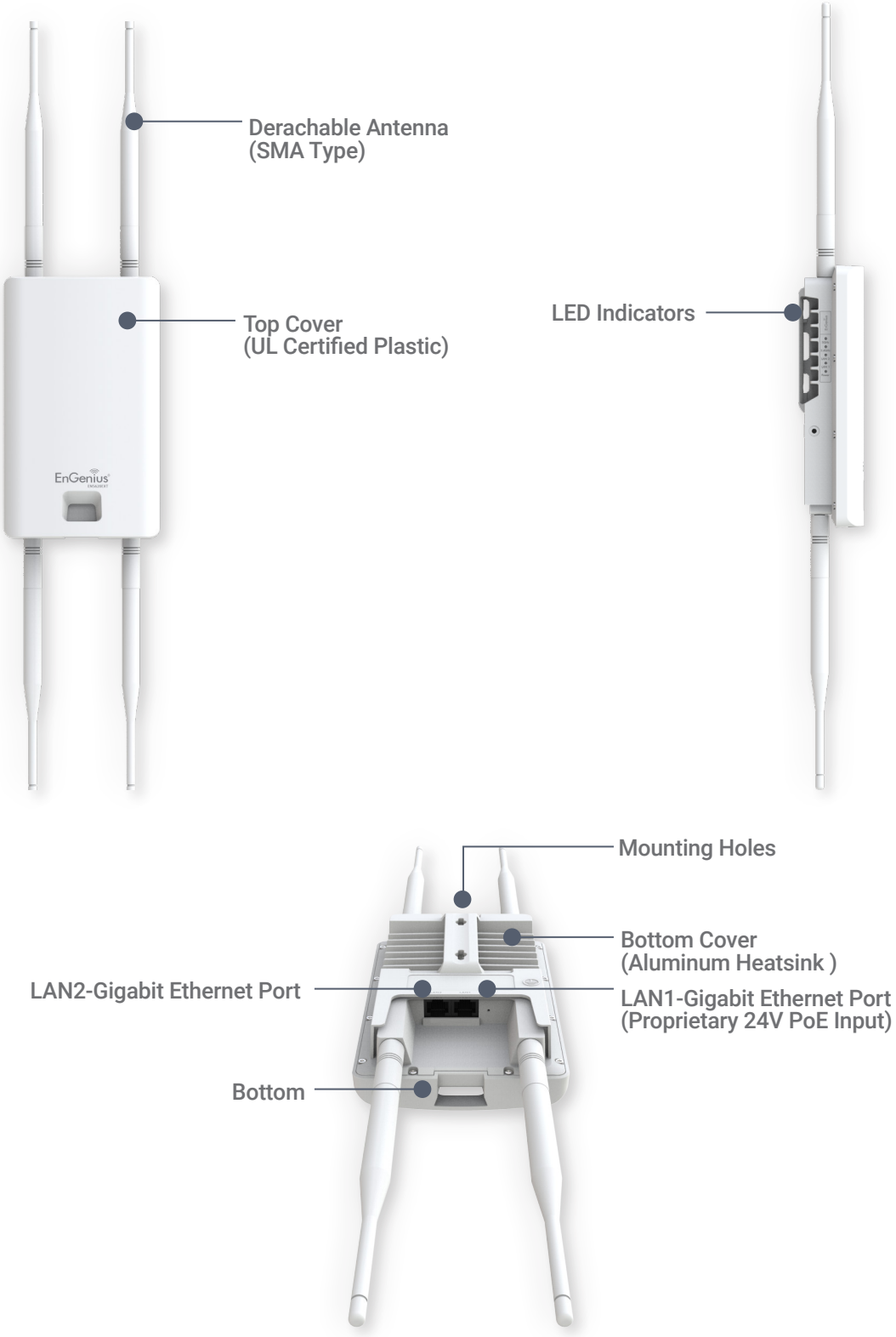
Safety Compliance
CB, UL, BSMI

Wi-Fi Alliance
Yes

WEEE
Yes

RoHS
Yes

ENS620EXT Product Views



EnStation5-AC Specifications

Radio Specification

Wi-Fi Standards
802.11a/b/g/n/ac Wave 2

Tx Power (Aggregated)
2.4GHz: -

5GHz: Max. 26dBm*

Data Rate
802.11b: -

802.11a/g: 6, 9, 12, 18, 36, 48, 54Mbps

802.11n: 6.5 to 300Mbps (MCS0 to MCS15, HT20 to HT40)

802.11ac: 6.5 to 867Mbps (MCS0 to MCS9, NSS=1 to 2, VHT20 to VHT80)

802.11ax (2.4GHz): -

802.11ax (5GHz): -

SU-MIMO Capability
2.4GHz: 1x1 (management radio)

5GHz: 2x2

MU-MIMO Capability
2.4GHz: -

5GHz: 2x2

Modulation Type
802.11b: -

802.11a/g/n/ac: BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax: -

Support frequency
2400-2483.5MHz, 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz*

Tx Beamforming
Yes

Antenna Specification

2.4GHz
-

5GHz
19dBi

Physical Interfaces

Networking Ethernet Port
2 x 10/100/1000 BASE-T

DC-Input
-

Reset Button
Yes, proceed reset and reboot when pushing this button on the device or included EPA2406GR PoE Adapter

Power Source and Consumption

Power over Ethernet (PoE)
Proprietary 24V

DC-Input
-

Power Consumption
PoE: Max. 8.93W

Mechanical Specification

Dimensions
Φ190 x 38 mm

Weight
460 g

Environmental Specification

Operating Temperature
-20 to 60 °C

Storage Temperature
-40 to 80 °C

Storage Humidity
0 to 90% non-condensing

IP Rating
IP55

Surge Protection
L-L: 1KV
L-G: 2KV

ESD Protection
Air: 8KV

Mounting Method

Ceiling Mount
-

Wall Mount
Yes

Pole Mount
Yes

Regulatory Compliance and Certification

Regulatory Compliance
FCC, CE, IC, NCC

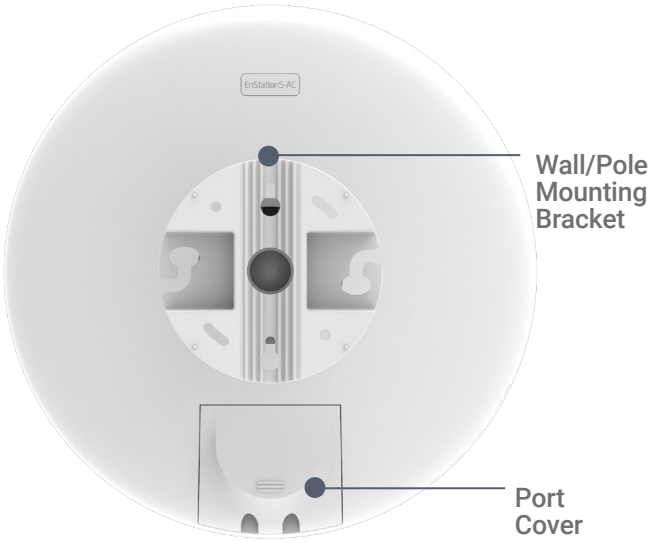
Safety Compliance
CB, BSMI

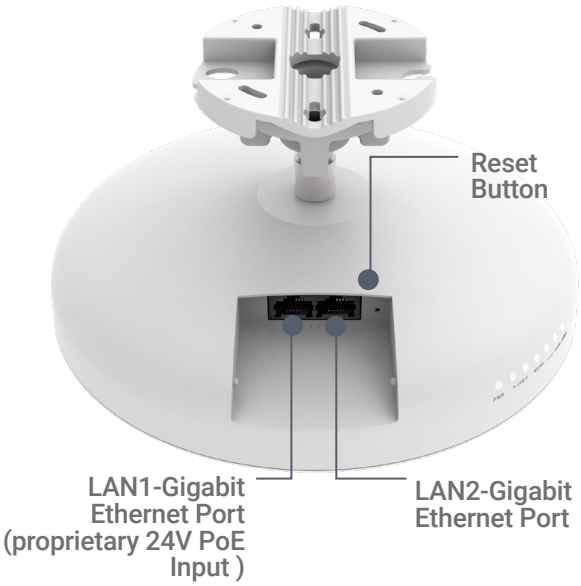
Wi-Fi Alliance
-

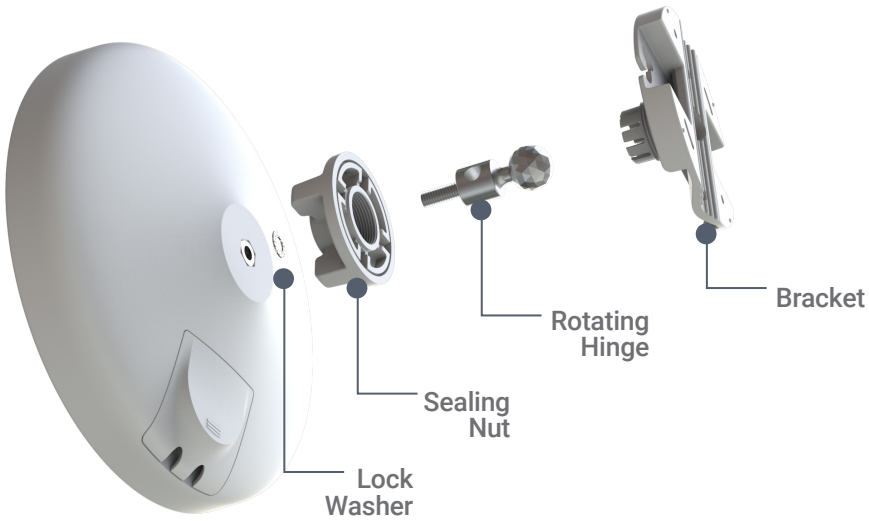
WEEE
Yes

RoHS
Yes

EnStation5-AC Product Views







EnStationAC Specifications

Radio Specification

Wi-Fi Standards
802.11a/b/g/n/ac Wave 2

Tx Power (Aggregated)
2.4GHz: -

5GHz: Max. 26dBm*

Data Rate
802.11b: -

802.11a/g: 6, 9, 12, 18, 36, 48, 54Mbps

802.11n: 6.5 to 300Mbps (MCS0 to MCS15, HT20 to HT40)

802.11ac: 6.5 to 867Mbps (MCS0 to MCS9, NSS=1 to 2, VHT20 to VHT80)

802.11ax (2.4GHz): -

802.11ax (5GHz): -

SU-MIMO Capability
2.4GHz: 1x1 (management radio)

5GHz: 2x2

MU-MIMO Capability
2.4GHz: -

5GHz: 2x2

Modulation Type
802.11b: -

802.11a/g/n/ac: BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax: -

Support frequency
2400-2483.5MHz, 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz*

Tx Beamforming
Yes

Antenna Specification

2.4GHz
-

5GHz
Directional 19dBi

Physical Interfaces

Networking Ethernet Port
2 x 10/100/1000 BASE-T

DC-Input
-

Reset Button
Yes, proceed reset and reboot when pushing this button on the device or included EPA5006GR PoE Adapter

Power Source and Consumption

Power over Ethernet (PoE)
PoE: 802.3af/at

DC-Input
-

Power Consumption
PoE: Max. 8.93W ; PoE+PSE: Max. 24.33W

Mechanical Specification

Dimensions
Φ190 x 38 mm

Weight
460 g

Environmental Specification

Operating Temperature
-20 to 60 °C

Storage Temperature
-40 to 80 °C

Storage Humidity
0 to 90% non-condensing

IP Rating
IP55

Surge Protection
L-L: 1KV
L-G: 2KV

ESD Protection
Air: 8KV

Mounting Method

Ceiling Mount
-

Wall Mount
Yes

Pole Mount
Yes

Regulatory Compliance and Certification

Regulatory Compliance
FCC, CE, IC

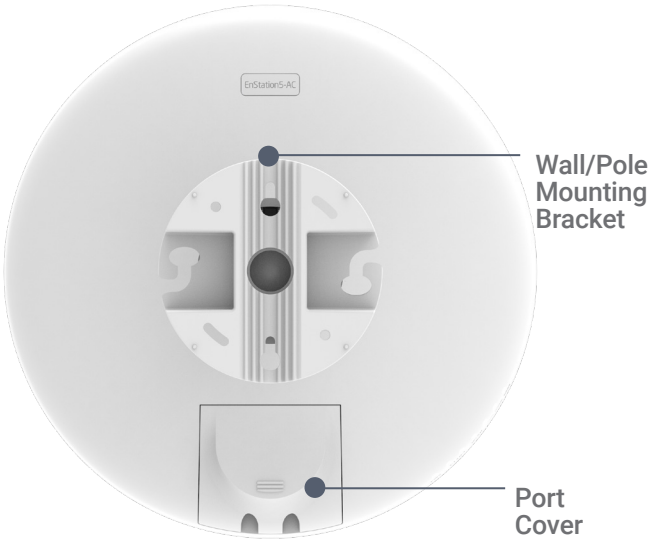
Safety Compliance
CB

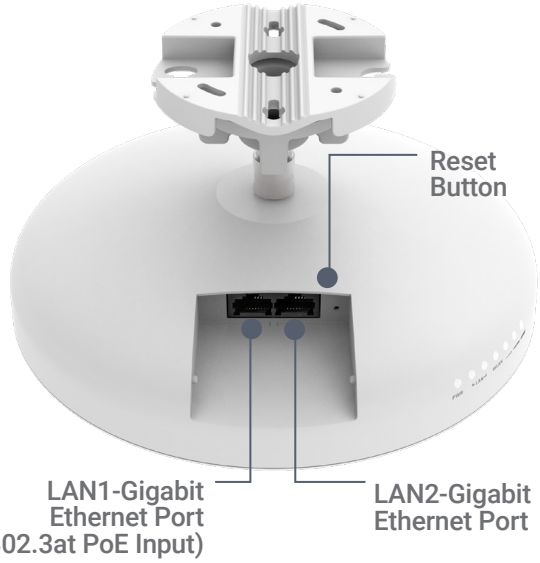
Wi-Fi Alliance
-

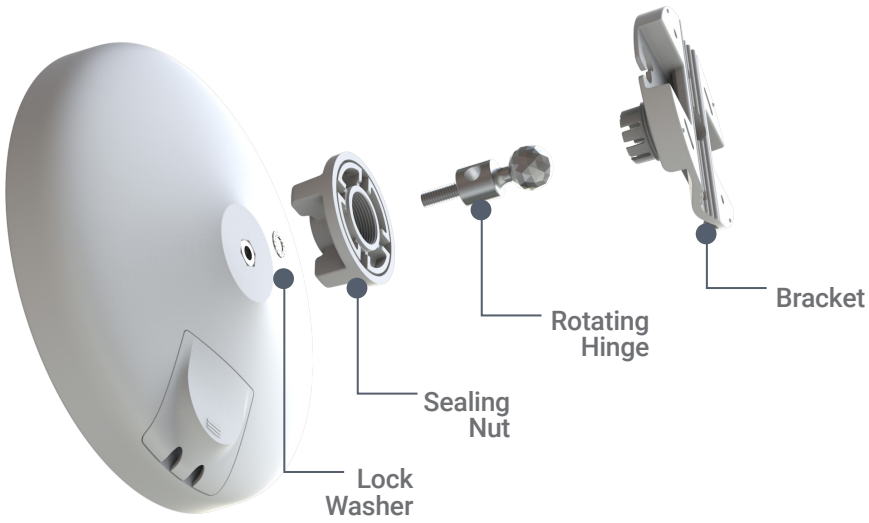
WEEE
Yes

RoHS
Yes

EnStationAC Product Views







ENH500-AX Specifications

Technical Specifications

Standards

802.11a/n/ac/ax

Antenna - 5GHz

16dBi

Physical Interfaces

1 x 10/100/1000 BASE-T(Proprietary PoE)

1 x 10/100/1000 BASE-T

Proceed reset and reboot when pushing this button

LED indicators

1 x Power

1 x LAN

1 x WLAN

3 x Signal

Power Source

Proprietary 54V (EPA5006GR)

Maximum Power Consumption

PoE: Max. 13W

Wireless & Radio Specifications

Operating Frequency

Single band 5 GHz

Operation Modes

AP/STA/WDS AP/WDS STA/Repeater

Frequency Radio

5 GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725 MHz ~ 5850 MHz

Transmit Power

26 dBm

Radio Chains

2 x 2:2

SU-MIMO

Two (2) spatial stream Single User (SU) MIMO for up to 1,200 Mbps wireless data rate with VHT80 to a 2x2 wireless device under the 5GHz radio.

MU-MIMO

Two (2) spatial streams Multiple (MU)-MIMO up to 1,200 Mbps wireless data rate for transmitting to two (2) streams MU-MIMO 11ax capable wireless client devices under 5GHz simultaneously.

Supported Data Rates

802.11ax: 5 GHz: 18 to 1200 (MCS0 to MSC11, NSS = 1 to 2)

802.11b: 1, 2, 5.5, 11

802.11a/g: 6, 9, 12, 18, 36, 48, 54

802.11n: 6.5 to 300 Mbps (MCS0 to MCS15)

802.11ac: 6.5 to 867 Mbps (MCS0 to MCS9, NSS = 1 to 2)

Supported Radio Technology

802.11ax: Orthogonal Frequency Division Multiple Access(OFDMA)

802.11a/g/n/ac: Orthogonal Frequency Division Multiple (OFDM)

802.11b: Direct-sequence spread-spectrum (DSSS)

Channelization

802.11ax supports high efficiency throughput (HE) —HE 20/40/80 MHz

802.11ac supports very high throughput (VHT) —VHT 20/40/80 MHz

802.11n supports high throughput (HT) —HT 20/40 MHz

802.11n supports high throughput under the 2.4GHz radio –HT40 MHz (256-QAM)

802.11n/ac/ax packet aggregation: A-MPDU, A-SPDU

Supported Modulation

802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM

802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM

802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM

802.11b: BPSK, QPSK, CCK

Max Concurrent User

128 per radio

Environmental & Physical

Operating Temperature

-4°~140°F/-20°C~60°C

Storage Temperature

-40F°~176°F/-40°C~80°C

Storage Humidity

Storage: 90% or less

IP Rating(Outdoor only)

IP55

Surge Protection (Outdoor only)

1KV

ESD Protection(Outdoor only)

Contact: 4KV Air: 8 K

Dimensions & Weight

Weight

610g

Dimensions

260 x 84 x 55 mm

Package Contents

1 – ENH500-AX Outdoor CPE

1 – EPA5006GR with AC cord

2 – Pole-Mounting Brackets

1 – Wall-Mount Screw Set

1 – Quick Installation Guide

Compliance

Safety Compliance

CB

WEEE

Yes

RoHS

Yes

Regulatory Compliance

FCC

CE

IC

UCKA

ENH500-AX Product Views

EnStation6 Specifications

Technical Specifications

Standards

802.11a/n/ac/ax

Antenna - 5GHz

19dBi

Physical Interfaces

1 x 10/100/1000 BASE-T(Proprietary PoE)

1 x 10/100/1000 BASE-T

Proceed reset and reboot when pushing this button

LED indicators

1 x Power

1 x LAN

1 x WLAN

3 x Signal

Power Source

Proprietary 54V (EPA5006GR)

Maximum Power Consumption

PoE: Max. 11W

Wireless & Radio Specifications

Operating Frequency

Single band 5 GHz

Operation Modes

AP/STA/WDS AP/WDS STA/ Repeater

Frequency Radio

5 GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725 MHz ~ 5850 MHz

Transmit Power

26 dBm

Radio Chains

2 × 2:2

SU-MIMO

Two (2) spatial stream Single User (SU) MIMO for up to 1,200 Mbps wireless data rate with VHT80 to a 2x2 wireless device under the 5GHz radio.

MU-MIMO

Two (2) spatial streams Multiple (MU)-MIMO up to 1,200 Mbps wireless data rate for transmitting to two (2) streams MU-MIMO 11ax capable wireless client devices under 5GHz simultaneously.

Supported Data Rates

802.11ax: 5 GHz: 18 to 1200 (MCS0 to MSC11, NSS = 1 to 2)

802.11b: 1, 2, 5.5, 11

802.11a/g: 6, 9, 12, 18, 36, 48, 54

802.11n: 6.5 to 300 Mbps (MCS0 to MCS15)

802.11ac: 6.5 to 867 Mbps (MCS0 to MCS9, NSS = 1 to 2)

Supported Radio Technology

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Supported Modulation

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Max Concurrent User

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Surge Protection (Outdoor only)

1KV

ESD Protection(Outdoor only)

Contact: 4KV Air: 8 K

Dimensions & Weight

Dimensions

Φ190 x 38 mm

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Compliance

Safety Compliance

CB

WEEE

Yes

RoHS

Yes

Regulatory Compliance

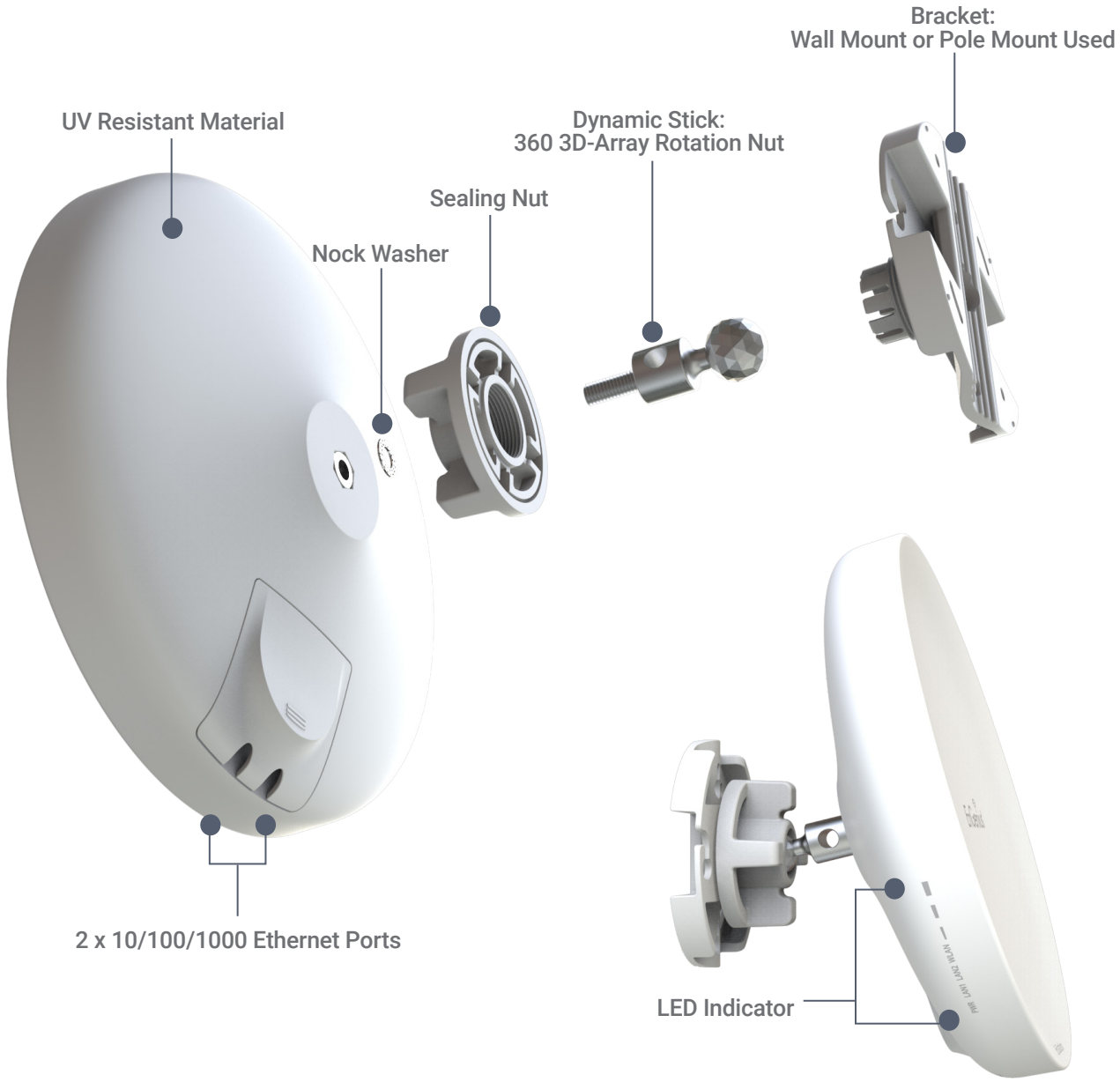
FCC

CE

IC

UCKA

EnStation6 Product Views



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