

Powerful Technologies in the EnSky Series





Next-generation Wi-Fi technology for SMBs





Time-based management for maximum throughput

Business Mesh



Enterprise-level Mesh for smart networking

An Innovative Total Solution for Your Business



Device Configuration

WLAN configuration and group settings for APs and switches



Network Management

Multi-tenant system maintenance and real-time event notification



Visualized **Monitoring**

hiil

Monitor and provide visualizations for AP status

Flexible and Scalable Network Deployments

Local network on single site

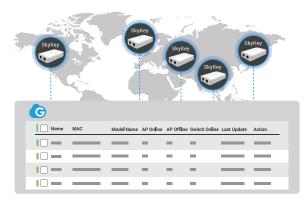


Managed APs + Switches



Users can deploy their devices onto the SkyKey web interface, which then becomes available for selection to a user-created project for further customization.

Remote access of multiple sites



Multiple EnSky controllers can be deployed for cross-network management on a single interface, no matter how many SkyKey-based devices are in your network.

Versatile Management and Product Lines of EnSky

Management Platforms



Software - ezMaster



Mobile app - EnWiFi

Managed Devices



Indoor wireless





Outdoor wireless

PoE switches

Controller - SkyKey

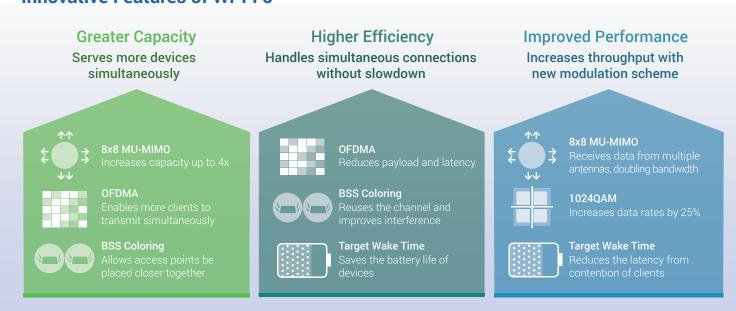


The Game Changing Product - 11ax Access Points

802.11ax (Wi-Fi 6) technology improves upon real-world deployment of 802.11ac. As the next-generation Wi-Fi, 802.11ax brings speed improvements along with greater stability and efficiency in wireless connections.



Innovative Features of Wi-Fi 6



Scenarios Where 802.11ax Can Boost Your Wi-Fi Performance



Heavy Interference

Environment: Office, enterprise environments

802.11ax's spatial reuse feature, through BSS coloring, reduces co-channel interference and improves simultaneous transmissions. This cuts through RF congestion in office environments for greater network efficiency.



Dense Usage

Environment: Stations, libraries, and shopping malls

802.11ax's uplink and downlink of MU-MIMO provides greater network efficiency and focuses radio energy on specific users. Capable of handling demand-heavy environments with many devices, such as airports, gas stations, libraries, and shopping malls, with lots of client devices.



Multiple Devices

Environment: Smart home (IoT)

The explosive growth of IoT devices, such as smart TVs, smart appliances, and smart lighting in a progressively connected world. Features in 802.11ax extend the number of client devices that can be associated with access points in smart homes and offices.

	_	Indoor AP	_	Outdoor AP
11ax Featured Models		Coming Soon		Coming Soon
Access Points	EWS357 AP	EWS367 AP	EWS377 AP	EWS850AP
MU-MIMO	2 x 2	2 x 2 + 4 x 4	4 x 4	2 x 2
5 GHz Max Rate	1,200 Mbps	2,400 Mbps	2,400 Mbps	1,201 Mbps
2.4 GHz Max Rate	574 Mbps	575 Mbps	1,148 Mbps	574 Mbps
	Outdo	or AP		
	Coming Soon	Coming Soon		
Access Points	EWS872 AP	EnStationAX		
MU-MIMO	4 x 4	2 x 2		
5 GHz Max Rate	2,400 Mbps	1,201 Mbps		
2.4 GHz Max Rate	1,148 Mbps	-		

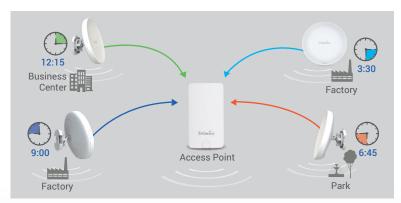


Achieve Maximum Throughput for Outdoor Wi-Fi Deployment

How EnJet Improves Outdoor Wi-Fi

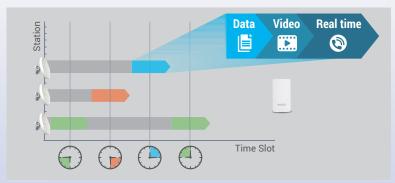
When an outdoor network spans large distances, its access points or stations are unable to detect each other's transmissions. Frequent collisions will occur when multiple points transmit simultaneously. EnJet features PtP and PtMP technology, which allocates transmissions from remote locations into slots for efficient time-based management.

Time-based management improves transmission



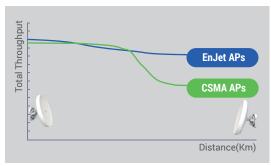
EnJet provides steady maximum throughput & high link reliability to every client—even when bandwidth demands increase & devices are added

Prioritize the transmission of important data



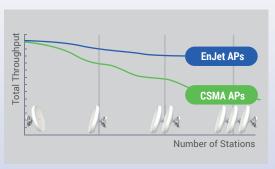
EnJet achieves the speed your network needs for its most critical applications. For example, real-time voice transmissions are latency-intensive and slotted at a higher priority than video recordings.

Maximize throughput at distances



By assigning a pre-determined time slot to each connected station, EnJet achieves stable throughput in distance scenarios and avoids the increasing latency found in CSMA.

Keep consistent performance at scale



EnJet coordinates the order of data transmissions from multiple sources, thereby increasing the number of access points/stations in your network does not dramatically diminish performance.

The Ideal Usage Scenarios of EnJet Technology

Optimized for flexible outdoor wireless deployment



Point-to-Point

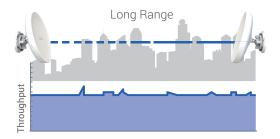
EnJet provides a more consistently stable throughput than standard CSMA connections by ordering transmissions into different time slots.





Long-Range

In long range deployments, EnJet ensures high throughput with high-gain antennas (EnStation5-AC/ EnStationAC), while traditional CSMA networks suffer from increasing latency at distance and network size.



Outdoor Access Points Perform Better in Harsh Environments

EnJet is protected from prolonged exposure to sunlight, cold, frost, snow, rain, hail, heat, and humidity to ensure your network operates in extreme outdoor climates and environment.



Point-to-Multipoint

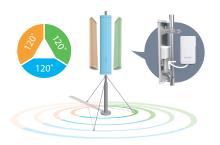
EnJet Solution features time-division to avoid the hidden node problem commonly found in multi-point transmissions.





360° Coverage

ENS500EXT-AC supports the use of external antennas to extend coverage to 120 degrees. For an omnidirectional network, install three ENS500EXT-AC with EnGenius sector antenna SA5219 to cover 360° outdoor point-to-multipoint deployments.









-20°C to 60°C

Waterproof IP55

Anti UV

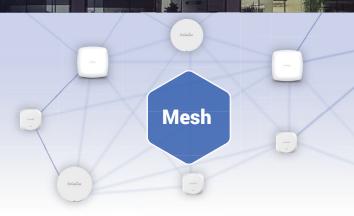
EnJet Featured Models		nomin.	onix	onds (
Outdoor Access Points	ENS500EXT-AC	ENS500-AC	EnStation5-AC	EnStationAC
Antenna Gain	2 x 5dBi	14 dBi	19 dBi	19 dBi
Coverage	360°	30°	30°	30°
Range	1 KM (Recommended)	3 KM (Recommended)	5 KM (Recommended)	5 KM (Recommended)
	-	toning Soon		
Outdoor Access Points	ENH500	EnStationAX		
Antenna Gain	16 dBi	19 dBi		
Coverage	35°	30°		
Range	4KM (Recommended)	5 KM (Recommended)		



A Smarter Way to True Wireless

Optimized Mesh Technology Brings You Wi-Fi without Dead Spots

Place EnGenius Mesh devices where you need coverage and let EnGenius Mesh technology automatically connect them to your network.





Extend Wi-Fi coverage without cabling hassles

Provides all-encompassing coverage in your home or office without any cables required.





Smart webbing by Enterprise-grade Mesh

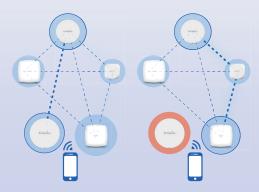
The network automatically link up the nodes to the existing structure without needing manual adjustments.





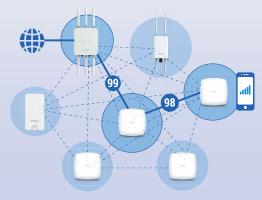
Smart healing when a wireless link is lost

Recalculate link quality to find the best path whenever a node loses connection.



Smart routing for consistently high quality

Constantly optimize path selection on each device by enterprise-grade mesh algorithms.



Industrial Case Studies of Mesh Technology



Warehouse/Industrial Areas

Challenges

- · Insufficient cabling connections.
- · Wireless signals are blocked by moving obstacles.

EnGenius Mesh solution

- Mesh APs are flexible to deploy with wall, ceiling, and pole mount options.
- Fewer wiring constraints makes it easy to place access points based on desired coverage area with minimal environment modification.



Hospitality & Heritage

Challenges

- Installation without remodeling existing structures or disrupting business.
- Off-the-grid locations are difficult for high-speed internet service providers.

EnGenius Mesh solution

- Mesh access points can be powered by DC Input or PoE on existing power sources.
- High flexibility of network deployment with mesh nodes that can be easily added or removed.



Concert, Fairs, and Gatherings

Challenges

- Significant coverage and capacity requirements of internet connectivity.
- Flexible deployment for different activities requirements.

EnGenius Mesh solution

- Network deployment for more than 1,000 devices across large areas remotely.
- Mesh technology enables flexible and mobile deployment.

Mesh Featured Models



EnSky Indoor Access Points Series*



*Not all EnSky access points support Mesh technology.

EnSky - Indoor Access Points

		ax (Wi-Fi 6)	ac W	ave 2	
	EWS357AP	EWS367AP	EWS377AP	EWS385AP	EWS330AP
Indoor Access Points	Wi-Fi 6	Wi-Fi 6 Coming Soon	Wi-Fi 6	Tri-Band	Economic
Wi-Fi Standard	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac	802.11a/b/g/n/ac
Radio	2.4 GHz & 5 GHz				
Max. Data Rate on 2.4 GHz	574 Mbps	575 Mbps	1,148 Mbps	400 Mbps	400 Mbps
Max. Data Rate on 5 GHz	1,200 Mbps	2,400 Mbps	2,400 Mbps	867 + 867 Mbps	867 Mbps
Radio Chains/ Spatial Streams	2 x 2:2	2 x 2 + 4 x 4	4 x 4:4	2 x 2:2	2 x 2:2
Transmit Power on 2.4GHz	Up to 20 dBm	Up to 20 dBm	Up to 23 dBm	Up to 22 dBm	Up to 26 dBm
Transmit Power on 5GHz	Up to 20 dBm	Up to 23 dBm	Up to 23 dBm	Up to 22 dBm	Up to 25 dBm
Antenna	2 x 3 dBi (2.4 GHz) 2 x 3 dBi (5 GHz)	2 x 3 dBi (2.4 GHz) 4 x 3 dBi (5 GHz)	4 x 3 dBi (2.4 GHz) 4 x 3 dBi (5 GHz)	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)
Power-over-Ethernet	802.3af/at	802.3af/at	802.3at	802.3af	802.3af
Ethernet Ports	1 x 10/100/1000	1 x 10/100/1000/2500	1 x 10/100/1000/2500	2 x 10/100/1000	1 x 10/100/1000
Dimensions	160 x 160 x 26.9 mm	205 x 205 x 33.2 mm	205 x 205 x 33.2 mm	200 x 200 x 45 mm	Ф132.4 x 37.44 mm
Mounting Type	Ceiling / Wall				
Mesh Technology	•	•	•	•	•
On-premise management (ezMaster)	•	•	•	•	•
Mobile app (EnWiFi App)	•	•	•	-	•

	ac Wave 2					11ac
	EWS355AP	EWS550AP	EAP1250	EAP1300EXT	EAP1300	EWS360AP
Indoor Access Points	Conde	coule	britarius .	trongler 1 v v v i	Entering*	toods
Wi-Fi Standard	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac
Radio	2.4 GHz & 5 GHz					
Max. Data Rate on 2.4 GHz	400 Mbps	450 Mbps				
Max. Data Rate on 5 GHz	867 Mbps	1,300 Mbps				
Radio Chains/ Spatial Streams	2 x 2:2	3 x 3:3				
Transmit Power 2.4GHz	Up to 23 dBm	Up to 21 dBm	Up to 23 dBm	Up to 23 dBm	Up to 23 dBm	Up to 28 dBm
Transmit Power 5GHz	Up to 23 dBm	Up to 20 dBm	Up to 22 dBm	Up to 23 dBm	Up to 23 dBm	Up to 26 dBm
Antenna	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)	2 x 4 dBi (2.4 GHz) 2 x 6 dBi (5 GHz)	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)	2 x 5 dBi (2.4 GHz) 2 x 5 dBi (5 GHz)	3 x 3 dBi (2.4 GHz) 3 x 5 dBi (5 GHz)
Power-over-Ethernet	802.3af	802.3af/at	802.3af	802.3af	802.3af	802.3at
Ethernet Ports	1 x 10/100/1000	3 x 10/100/1000	1 x 10/100/1000	1 x 10/100/1000	1 x 10/100/1000	1 x 10/100/1000
Dimensions	161.5 x 41.6 mm	188 x 125 x 26 mm	Ф132.4 x 37.44 mm	Ф161.5 x 41.6 mm	Ф161.5 x 41.6 mm	161.5 x 161.5 x 41.5 mm
Mounting Type	Ceiling / Wall	Wall Plate	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall
Mesh Technology	•	•	•	-	-	•
On-premise management (ezMaster)	•	•	•	•	•	•
Mobile app (EnWiFi App)	-	•	•	•	•	•

EnSky - Outdoor Access Points

### Standard ### ### ### ### ### ### ### ### ### #			ax (Wi-Fi 6)		ac Wave 2
Access Points Wi-Fi Standarded 802.11a/hig/his/car/s 1 y do 1/2 define on 3 Girt 1 y do 1/2 define on 3 G		4-4	!!!!!!	EnJet	
### Standard \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac/ax \$02.11s/b/g/n/ac \$02.11s/b		Coming Soon	Coming Soon	Coming Soon	E-Config
Departing Radio 2.4 Gitz & 5 Gitz 3.4 Management Radio 3.4 Gitz 3.5 Management Radio 3.4 Gitz 3.5 Management Radio 3.2 Management Radio 3.3 Management Radio	Access Points	1-1	9.8	66 person	9-4-6
Max. Data Rate on 2.4 GHz	Wi-Fi Standard	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac
Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Up to 23 dBm on 2.4 GHz Up to 23 dBm on 2.4 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 d	Operating Radio	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz	5 GHz	2.4 GHz & 5 GHz
Max. Data Rate on 5 GHz 1,201 Mbps 2,400 Mbps 1,201 Mbps 1,300 Mbps 1,3	Management Radio	-	-	2.4 GHz	-
Radio Chains / Streams	Max. Data Rate on 2.4 GHz	574 Mbps	1,148 Mbps	-	450 Mbps
Transmit Power	Max. Data Rate on 5 GHz	1,201 Mbps	2,400 Mbps	1,201 Mbps	1,300 Mbps
Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 23 dBm on 5 GHz Up to 29 dBm on 5 GHz	Radio Chains / Streams	2 x 2:2	4 x 4:4	2 x 2:2	3 x 3:3
External Antenna	Transmit Power			Up to 25 dBm on 5 GHz	
### ST CHILD AND THE POWER POW	Integrated Antenna	-	-	19 dBi (5GHz)	-
Ethernet Ports	External Antenna	4 x 5 dBi		-	
P Rating	Power-over-Ethernet	802.3af/at	802.3at (at in + af out)	802.3at (at in + af out)	802.3at (at in + af out)
Dimensions 111.2 x 173.6 x 30.29 mm	Ethernet Ports	1 x 10/100/1000 Ethernet Port	1 x 10/100/1000/2500 Ethernet Port	2 x 10/100/1000 Ethernet Ports	2 x 10/100/1000 Ethernet Ports
Enter Technology	IP Rating	IP67	IP67	IP55	IP68
Coutdoor	Dimensions	111.2 x 173.6 x 30.29 mm	241 x 209 x 60 mm	Ф190 x 38 mm	285 x 217.93 x 53.34 mm
Outdoor Access Points Wi-Fi Standard Operating Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Agio Chains / Streams 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 2 x 2 2 2 x 2 2 2 x 2 2 2 x	Mesh Technology	•	•	-	•
Coutdoor	EnJet Technology	-	•	•	-
Coutdoor	On-premise management (ezMaster)	•	•	•	•
Outdoor Access Points 802.11a/b/g/n/ac 802.1a/b <td>Mobile app (EnWiFi App)</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td>	Mobile app (EnWiFi App)	•	•	•	•
Outdoor Access Points 802.11a/b/g/n/ac 802.1a/b <th></th> <th></th> <th></th> <th></th> <th></th>					
Outdoor Access Points Enlet Enlet Wi-Fi Standard 802.11a/b/g/n/ac 802.11a/b/g/n/ac <th< td=""><td></td><td></td><td>ac W</td><td>ave 2</td><td></td></th<>			ac W	ave 2	
Outdoor Access Points Wi-Fi Standard 802.11a/b/g/n/ac 802		ENH1350EXT		EnStationAC	EnStation5-AC
Outdoor Access Points 802.11a/b/g/n/ac 802.1a/b 604 Max. Data Rate on 2.4 GHz Up to 23 dBm on 5 GHz 400 Mbps 400 Mbps 400 Mbps 467 Mbps 867 Mbps <th< td=""><td></td><td>H-H</td><td></td><td></td><td></td></th<>		H-H			
Outdoor Access Points 802.11a/b/g/n/ac 802.4 GHz 5 GHz 5 GHz 5 GHz 5 GHz 5 GHz 2.4 GHz 2.2 St.22				En.let	Fn.let
Wi-Fi Standard 802.11a/b/g/n/ac 804.4 GHz 9.4 GHz 9.	Outdoor	Estega	EsCon _{tel}	britonius	Entreuring Entreuring
Wi-Fi Standard 802.11a/b/g/n/ac 804.4 GHz 9.4 GHz 9.	Access Points	1=1	A-A-A	Miles	Server .
Operating Radio 2.4 GHz & 5 GHz 2.4 GHz & 5 GHz 5 GHz 5 GHz Management Radio - - 2.4 GHz 2.4 GHz Max. Data Rate on 2.4 GHz 400 Mbps 400 Mbps - - Max. Data Rate on 5 GHz 867 Mbps 1,300 Mbps 867 Mbps 867 Mbps Radio Chains / Streams 2 x 2:2 3 x 3:3 2 x 2:2 2 x 2:2 Transmit Power Up to 23 dBm on 2.4 GHz Up to 23 dBm on 5 GHz Up to 29 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 26 dBm on 5 GHz		202 110/h/g/n/co	903 110/h/g/n/oo	902 11a/b/a/a/a	202 11a/b/a/p/ac
Management Radio - 2.4 GHz 2.4 GHz Max. Data Rate on 2.4 GHz 400 Mbps 400 Mbps - Max. Data Rate on 5 GHz 867 Mbps 1,300 Mbps 867 Mbps 867 Mbps Radio Chains / Streams 2 x 2:2 3 x 3:3 2 x 2:2 2 x 2:2 Transmit Power Up to 23 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 29 dBm on 5 GHz Up to 26 dBm on 5 GH		-	-	-	-
Max. Data Rate on 2.4 GHz 400 Mbps 400 Mbps - - Max. Data Rate on 5 GHz 867 Mbps 1,300 Mbps 867 Mbps 867 Mbps Radio Chains / Streams 2 x 2:2 3 x 3:3 2 x 2:2 2 x 2:2 Transmit Power Up to 23 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 26 dBm on 5 GHz Up to 26 dBm on 5 GHz Integrated Antenna - - 19 dBi (5GHz) 19 dBi (5GHz) External Antenna 4 x 5 dBi 3 x 5 dBi (2.4 GHz) 3 x 7 dBi (5 GHz) - - Power-over-Ethernet 802.3at/at 802.3at (at in + af out) 802.3at (at in + af out) 24V Proprietary Ethernet Ports 1 x 10/100/1000 Ethernet Port 2 x 10/100/1000 Ethernet Ports 1P55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Ф190 x 38 mm Ф190 x 38 mm Ф190 x 38 mm Ф190 x 38 mm Mesh Technology - - - - - Enlet Technology - - - -<					
Max. Data Rate on 5 GHz 867 Mbps 1,300 Mbps 867 Mbps 867 Mbps Radio Chains / Streams 2 x 2:2 3 x 3:3 2 x 2:2 2 x 2:2 Transmit Power Up to 23 dBm on 2.4 GHz Up to 29 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 26 dBm on 5	-			2.4 GHz	2.4 GHz
Radio Chains / Streams 2 x 2:2 3 x 3:3 2 x 2:2 2 x 2:2 Transmit Power Up to 23 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 29 dBm on 5 GHz Up to 26 dBm			·	-	-
Transmit Power Up to 23 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Up to 29 dBm on 5 GHz Up to 26 dBm on 5 GHz Up to 26 dBm on 5 GHz Integrated Antenna - - 19 dBi (5GHz) 19 dBi (5GHz) 19 dBi (5GHz) External Antenna 4 x 5 dBi 3 x 5 dBi (2.4 GHz) 3 x 7 dBi (5 GHz) - - Power-over-Ethernet 802.3af/at 802.3at (at in + af out) 802.3at (at in + af out) 24V Proprietary Ethernet Ports 1 x 10/100/1000 Ethernet Port 2 x 10/100/1000 Ethernet Ports 1P55 IP55 IP Rating IP67 IP68 IP55 IP55 IP55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Ф190 x 38 mm Ф190 x 3		•		·	
Integrated Antenna - - 19 dBi (5GHz) 19 dBi (5GHz) External Antenna 4 x 5 dBi 3 x 5 dBi (2.4 GHz) 3 x 7 dBi (5 GHz) - - Power-over-Ethernet 802.3af/at 802.3at (at in + af out) 802.3at (at in + af out) 24V Proprietary Ethernet Ports 1 x 10/100/1000 Ethernet Port 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports 1P55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Φ190 x 38 mm <td></td> <td>Up to 23 dBm on 2.4 GHz</td> <td>Up to 29 dBm on 2.4 GHz</td> <td></td> <td></td>		Up to 23 dBm on 2.4 GHz	Up to 29 dBm on 2.4 GHz		
External Antenna 4 x 5 dBi 3 x 7 dBi (2.4 GHz) 3 x 7 dBi (5 GHz) Power-over-Ethernet 802.3af/at 802.3at (at in + af out) 802.3at (at in + af out) 2 x 10/100/1000 Ethernet Ports 1 x 10/100/1000 Ethernet Ports 1 x 10/100/1000 Ethernet Ports 1PRating 1P67 1P68 1P55 1P55 Dimensions 173.6 x 111.2 x 30.29 mm 4 x 5 dBi 802.3at (at in + af out) 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports 1 P55 1P55 Dimensions 173.6 x 111.2 x 30.29 mm 4 x 5 dBi 3 x 7 dBi (2.4 GHz) 5 x 10/100/1000 Ethernet Ports 5 x 10/100/1000 Ethernet Ports 7 x 10/100/1000 Etherne	Integrated Antenna	Op to 23 ubili on 5 GHz	Op to 29 ubill on 5 GHZ	19 dBi (5CH2)	10 dB; /EGU-1
Power-over-Ethernet 802.3af/at 802.3at (at in + af out) 802.3at (at in + af out) 24V Proprietary Ethernet Ports 1 x 10/100/1000 Ethernet Port 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports IP Rating IP67 IP68 IP55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Φ190 x 38 mm Φ190 x 38 mm Mesh Technology • • • • • EnJet Technology - • • • • On-premise management (ezMaster) • • • • •		4 x 5 dBi		- 19 upi (30H2)	- 19 (BI (5GHZ)
Ethernet Ports 1 x 10/100/1000 Ethernet Port 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports 2 x 10/100/1000 Ethernet Ports IP Rating IP67 IP68 IP55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Φ190 x 38 mm Φ190 x 38 mm Mesh Technology Φ - - - EnJet Technology - - Φ On-premise management (ezMaster) Φ Φ Φ	Power-over-Fthernet	802 3af/at		802.3at (at in + af out)	24V Proprietary
IP Rating IP67 IP68 IP55 IP55 Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Φ190 x 38 mm Φ190 x 38 mm Mesh Technology - - - - EnJet Technology - - - - On-premise management (ezMaster) • • • •					
Dimensions 173.6 x 111.2 x 30.29 mm 285 x 217.93 x 53.34 mm Φ190 x 38 mm Φ190 x 38 mm Mesh Technology - - - - EnJet Technology - - - - On-premise management (ezMaster) • • • •					
Mesh Technology EnJet Technology On-premise management (ezMaster) • • - - - - - - - - - - -					
EnJet Technology • • • • • • • • • • • • • • • •	ZCholons		203 X 217.33 X 33.34 IIIIII	Φ250 X 30 IIIII	\$150 X 30 IIIIII
On-premise management (ezMaster)	Mesh Technology	a	A		
	<u>.</u>	•	•	•	-
Mobile app (EnWiFi App) - • • • • • • • • • • • • • • • • • •	Mesh Technology EnJet Technology On premise management (or Marter)	-	•	•	•

		ac Wave 2					
	ENS500-AC	ENS500EXT-AC	ENH500	ENS610EXT			
Outdoor	EnJet	EnJet	EnJet EnJet	EnConing			
Access Points	EnGenius	Eroenis					
Wi-Fi Standard	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac			
Operating Radio	5 GHz	5 GHz	5 GHz	2.4 GHz & 5 GHz			
Management Radio	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHZ & 3 GHZ			
Max. Data Rate on 2.4 GHz	-	2.4 0112	-	400 Mbps			
Max. Data Rate on 5 GHz	867 Mbps	867 Mbps	867 Mbps	867 Mbps			
Radio Chains / Streams	2 x 2:2	2 x 2:2	2 x 2:2	2 x 2:2			
Transmit Power				Up to 23 dBm on 2.4 GHz			
iransmit Power	Up to 23 dBm on 5 GHz	Up to 23 dBm on 5 GHz	Up to 27 dBm on 5 GHz	Up to 23 dBm on 5 GHz			
Integrated Antenna	14 dBi (5GHz)	-	16 dBi (5GHz)				
External Antenna	-	2 x 5 dBi (5 GHz)	-	4 x 5 dBi			
Power-over-Ethernet	24V Proprietary	24V Proprietary	24V Proprietary	24V Proprietary			
Ethernet Ports	2 x 10/100/1000 Ethernet Ports	2 x 10/100/1000 Ethernet Ports	2 x 10/100/1000 Ethernet Ports	2 x 10/100/1000 Ethernet Port			
IP Rating	IP55	IP55	IP55	IP55			
Dimensions	100 x 185 x 27 mm	100 x 185 x 27 mm	186 x 100 x 29 mm	186 x 100 x 29 mm			
Mesh Technology	-	-	-	-			
EnJet Technology	•	•	•	-			
On-premise management (ezMaster)	•	•	•	•			
	ac Wave 2	FnCtationF	11n	ENS202EXT			
	ENS620EXT	EnStation5	ENS202	ENSZUZEXT			
Outdoor							
UHHAAAr	BrOwne	Enterius					
	5 Contag	briefleri	EnGangus	to On Table			
	biology IMI	Discover.	Exiconolor	Escinados			
Access Points	802.11a/b/g/n/ac	802.11a/n					
Access Points Wi-Fi Standard							
Access Points Wi-Fi Standard Operating Radio	802.11a/b/g/n/ac	802.11a/n	802.11b/g/n	802.11b/g/n			
Access Points Wi-Fi Standard Operating Radio	802.11a/b/g/n/ac 2.4 GHz & 5GHz	802.11a/n 5GHz	802.11b/g/n 2.4 GHz	802.11b/g/n 2.4 GHz			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz	802.11a/b/g/n/ac 2.4 GHz & 5GHz -	802.11a/n 5GHz	802.11b/g/n 2.4 GHz -	802.11b/g/n 2.4 GHz			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps	802.11a/n 5GHz 2.4 GHz	802.11b/g/n 2.4 GHz - 300 Mbps	802.11b/g/n 2.4 GHz - 300 Mbps			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps	802.11a/n 5GHz 2.4 GHz - 867 Mbps	802.11b/g/n 2.4 GHz - 300 Mbps	802.11b/g/n 2.4 GHz - 300 Mbps			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz -	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna Power-over-Ethernet	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz)	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz)	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi 24V Proprietary	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz) - 24V Proprietary	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz) - 24V Proprietary	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna Power-over-Ethernet Ethernet Ports IP Rating	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi 24V Proprietary 2 x 10/100/1000 Ethernet Ports	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary 2 x 10/100/1000 Ethernet Ports			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna Power-over-Ethernet Ethernet Ports	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi 24V Proprietary 2 x 10/100/1000 Ethernet Ports	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna Power-over-Ethernet Ethernet Ports IP Rating Dimensions	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 191.6 x 114.3 x 47.7 mm	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 186 x 100 x 29 mm	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 186 x 100 x 29 mm			
Access Points Wi-Fi Standard Operating Radio Management Radio Max. Data Rate on 2.4 GHz Max. Data Rate on 5 GHz Radio Chains / Streams Transmit Power Integrated Antenna External Antenna Power-over-Ethernet Ethernet Ports IP Rating Dimensions Mesh Technology	802.11a/b/g/n/ac 2.4 GHz & 5GHz - 400 Mbps 867 Mbps 2 x 2:2 Up to 27 dBm on 2.4 GHz Up to 27 dBm on 5 GHz - 4 x 5 dBi 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 191.6 x 114.3 x 47.7 mm •	802.11a/n 5GHz 2.4 GHz - 867 Mbps 2 x 2:2 Up to 26 dBm on 5 GHz 19 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 2.4 GHz 8 dBi (5GHz) - 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 186 x 100 x 29 mm	802.11b/g/n 2.4 GHz - 300 Mbps - 2 x 2:2 Up to 26 dBm on 5 GHz - 2 x 5 dBi (2.4 GHz) 24V Proprietary 2 x 10/100/1000 Ethernet Ports IP55 186 x 100 x 29 mm			

EnSky PoE Switches

	PoE Switches					
	EWS2908P	EWS2910P	EWS5912FP	EWS1200-28TFP		
			100 No.			
PoE			î 💮	<u> </u>		
Switches						
Switch Class	Layer 2	Layer 2	Layer 2	Layer 2		
Gigabit Ports	8	8	10	24		
Multi-G Ports	0	0	0	0		
SFP Ports	0	2	2	4		
SFP+ Ports	0	0	0	0		
RJ45 Console Port	-	-	Yes	Yes		
PoE Capable Port	Ports 1 - 8	Ports 1 - 8	Ports 1 - 8	Ports 1 - 24		
Powe-over-Ethernet	802.3af	802.3af	802.3af/at	802.3af/at		
Total PoE Budget	55W	55W	130W	410W		
Form Factor	9.45 (Desktop)	9.45 (Desktop)	13″1U	19"1U		
Switching Capacity	16Gbps	20 Gbps	24 Gbps	56 Gbps		
MAC Address Table Size	8K	8K	8K	8K		
Dimensions	240 x 105 x 27 mm	240 x 105 x 27 mm	330 x 230 x 44 mm	440 x 310 x 44 mm		
Cloud Managed	-	-	-	-		

	PoE Switches					
	EWS7926EFP	EWS7928P	EWS7952FP	EWS7952P		
PoE				<u>a</u>		
Switches						
Switch Class	Layer 2	Layer 2	Layer 2	Layer 2		
Gigabit Ports	24	24	48	48		
Multi-G Ports	0	0	0	0		
SFP Ports	0	4	4	4		
SFP+ Ports	2	0	0	0		
RJ45 Console Port	Yes	Yes	Yes	Yes		
PoE Capable Port	Ports 1 - 24	Ports 1 - 24	Ports 1 - 48	Ports 1 - 48		
Powe-over-Ethernet	802.3af/at	802.3af/at	802.3af/at	802.3af/at		
Total PoE Budget	410W	185W	740W	410W		
Form Factor	19"1U	19"1U	19"1U	19"1U		
Switching Capacity	88 Gbps	56 Gbps	104 Gbps	104 Gbps		
MAC Address Table Size	16K	8K	16K	16K		
Dimensions	440 x 260 x 44 mm	440 x 260 x 44 mm	440 x 410 x 44 mm	440 x 410 x 44 mm		
Cloud Managed	-	-	-	-		

Hybrid Management Switches

*Hybrid switch mode can be managed by EnGenius Cloud and on-premises ezMaster or can be worked as standalone switches

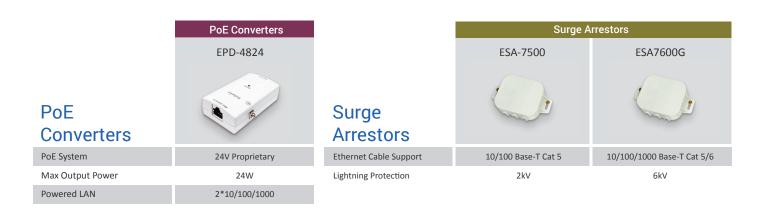
		Cloud-enabled Switches					
	ECS1008P	ECS1112FP	ECS1528	ECS1528FP	ECS1552	ECS1552FP	
Cloud-enabled		ā E Amm Ĥ 🛊	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	·'	<u></u>	
Switches							
Switch Class	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+	
Gigabit Ports	8	10	24	24	48	48	
Multi-G Ports	0	0	0	0	0	0	
SFP Ports	0	2	0	0	0	0	
SFP+ Ports	0	0	4	4	4	4	
RJ45 Console Port	-	Yes	Yes	Yes	Yes	Yes	
PoE Capable Port	Ports 1 - 8	Ports 1 - 8	-	Ports 1 - 24	-	Ports 1 - 48	
Powe-over-Ethernet	802.3af	802.3af/at	-	802.3af/at	-	802.3af/at	
Total PoE Budget	55W	130W	-	410W	-	740W	
Form Factor	9.45 (Desktop)	13"1U	19"1U	19"1U	19"1U	19"1U	
Switching Capacity	16 Gbps	24 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps	
MAC Address Table Size	8K	8K	16K	16K	32K	32K	
Dimensions	240 x 105 x 27 mm	330 x 230 x 44 mm	440 x 200 x 44 mm	440 x 260 x 44 mm	440 x 260 x 44 mm	440 x 310 x 44 mm	

	Multi-G					
	ECS2512	ECS2512FP	ECS5512	ECS5512FP		
Cloud-enabled Switches	2.5 GbE	PoE++ 2.5 GbE	10 GbE	PoE++ 10 GbE		
Switch Class	Layer 2+	Layer 2+	Layer 2+	Layer 2+		
Gigabit Ports	0	0	0	0		
Multi-G Ports	8 x 2.5G	8 x 2.5G	8 x 10G	8 x 10G		
SFP Ports	0	0	0	0		
SFP+ Ports	4	4	4	4		
RJ45 Console Port	Yes	Yes	Yes	Yes		
PoE Capable Port	-	Ports 1 - 8	-	Ports 1 - 8		
Powe-over-Ethernet	-	802.3af/at/bt	-	802.3af/at/bt		
Total PoE Budget	-	240W	-	420W		
Form Factor	13″1U	13"1U	13″1U	13"1U		
Switching Capacity	120 Gbps	120 Gbps	240 Gbps	240 Gbps		
MAC Address Table Size	16K	16K	32K	32K		
Dimensions	330 x 230 x 44 mm	330 x 230x 44 mm	330 x 230x 44 mm	330 x 230x 44 mm		

EnSky Accessories

	Sector Antennas					
	SA5219	SA5315	SA2312	SA2216		
Sector Antennas	9	3	1	23		
Frequency	4.9~6GHz	4.9~6 GHz	2.3~2.7GHz	2.3~2.7GHz		
Antenna Gain	19 dBi	15 dBi	12 dBi	16 dBi		
Polarization	Dual	H-H-V	V-V-H	Dual		
Vertical Angle	9°	9°	9°	9°		
Horizontal Angle	120° (6dB)	120° (6 dB)	120° (6dB)	120° (6dB)		
VSWR	2:1 MAX	2:1 MAX	2:1 MAX	2:1 MAX		
Isolation	25 dB	25 dB	25 dB	25 dB		
Antenna Connector	2° N-Type Plus	3° N-Type Plus	3° N-Type Plus	2° N-Type Plus		
Dimensions	740 x 150 x 66mm	740 x 150 x 66 mm	740 x 150 x 66mm	740 x 150 x 66mm		
Mounting	Universal Pole Mount	Universal Pole Mount	Universal Pole Mount	Universal Pole Mount		
Wind Resistance	125 Mph	125 Mph	125 Mph	125 Mph		

	SFP + Swi	tch Module	SFP Switch Module		
	SFP3213-10	SFP3185-03	SFP2213-10	SFP2185-05	
Transceiver Modules	Column Street,		E Coche STATE OF THE STATE OF T	B Construction	
Data Rate	10G bps	10G bps	1.25G bps	1.25G bps	
Wave Length	1310 nm	850 nm	1310 nm	850 nm	
Max Transmission Dist.	10 km	0.3 km	10 km	0.5 km	



	PoE Adapters				
	EPA5012GP	EPA5006GP	EPA5006GR	EPA5006GAT	
PoE Adapters					
Input Voltage	100V~240V AC	100V~240V AC	100V~240V AC	100V~240V AC	
Input Current	1.12A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	
Power-over-Ethernet	54V Proprietary	54V Proprietary	54V Proprietary	802.3at	
Max Output Power	60W	32.8W	32.8W	30W	
Ethernet Ports Std.	10/100/1000 Mbit/s	10/100/1000 Mbit/s	10/100/1000 Mbit/s	10/100/1000 Mbit/s	
Dimension	100 x 58.4 x 33.4 mm				
Temperature	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	

	PoE Adapters				
	EPA2410GP	EPA2406FP	EPA2406GP	EPA2406GR	
PoE Adapters					
Input Voltage	100V~240V AC	100V~240V AC	100V~240V AC	100V~240V AC	
Input Current	0.7A @ 120V A	0.4A @ 120V AC	0.4A @ 120V AC	0.4A @ 120V AC	
Power-over-Ethernet	24V Proprietary	24V Proprietary	24V Proprietary	24V Proprietary	
Max Output Power	24W	14.4W	14.4W	14.4W	
Ethernet Ports Std.	10/100/1000 Mbit/s	10/100 Mbit/s	10/100/1000 Mbit/s	10/100/1000 Mbit/s	
Dimension	100 x 58.4 x 33.4 mm				
Temperature	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	Operation: 0 ~ 40°C (42 ~ 140 °F)	

