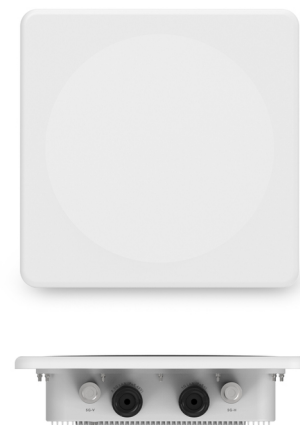EnGenius

EnGenius EOC655-C23 wireless access point White Power over Ethernet (PoE)

Brand : EnGenius

Product name : EOC655-C23

Product code: EOC655-C23

- Auto Provisioning
- Mobile App Radio Tuning
- Quick Outage Response
- Automatic RF Correction
- Auto & Dynamic Channel Selection
- Smart Network Mapping
- Centralized Network Management Software
- IP67-Rated Casing
- Uncompromised Security

Qualcomm Chipset – Dual Core CPU, ARM A53, 1.0 GHz, 802.11ax on 5 GHz, DDR3 1GB, 32 MB, 8GB, 305x305x82mm, 1.91 kgs

EnGenius EOC655-C23 wireless access point White Power over Ethernet (PoE):

The EOC655-C23, an Outdoor 5GHz Dual Radio 2x2 Access Point with an 23 dBi Panel Antenna, is tailored for ISPs and Smart Cities. It delivers superior throughput in dense RF environments and is versatile for both PtP and PtMP applications. Simplified setup and troubleshooting are facilitated by a 2.4GHz radio and mobile app integration. Featuring built-in GPS for precise device placement and network mapping, it also includes IP67-rated durability and 'dying gasp' power failure detection. With AES-256 encryption for security and SkyPoint NMS for web-based management, the EOC655-C23 excels in performance and ease of use.

Features

2.4 GHz *	✔
5 GHz *	✘
Maximum data transfer rate (5 GHz)	2400 Mbit/s
Ethernet LAN data rates	10,100,1000,25000 Mbit/s
Frequency band	5.1 - 5.9 GHz
Networking standards	IEEE 802.11ax
Bluetooth	✔
Channel bandwidth	160 MHz
MIMO	✔
MIMO type	Multi User MIMO
VLAN support	✔
Virtual LAN features	Tagged VLAN
Dynamic Frequency Selection (DFS)	✔
Quality of Service (QoS) support	✔
BeamForming	✔

Security

Security algorithms *	HTTPS, SNMP, SNMPv2, SNMPv3, SSH
MAC address filtering	✔
IP address filtering	✔
Service Set Identifier (SSID) features	Multiple SSIDs
IGMP snooping	✔
Remote Authentication Dial-In User Service (RADIUS)	✔

Protocols

DHCP server	✔

Design

Placement *	Ceiling, Wall
Product colour *	White
International Protection (IP) code	IP67

Antenna

Antenna type *	Internal
Antenna direction type	Omni-directional
Antenna features	Integrated antenna
Antennas quantity	3
Antenna gain level (max)	23 dBi
Antenna connector type	N-type

Performance

Built-in processor	✔
Processor model	ARM Cortex-A53
Flash memory	32 MB
Internal memory	1000 MB

Certificates

Compliance certificates	CB, CE, Federal Communications Commission (FCC), Industry Canada (IC), RoHS, UKCA, WEEE
Certification	CE, FCC

Weight & dimensions

Width	305 mm
Depth	305 mm
Height	82 mm
Weight	1.91 kg

Packaging content

Quantity per pack	1 pc(s)
PoE adapter included	✔

Management features		Packaging content	
Syslog	✔	Mounting kit	✔

Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	2	Operating relative humidity (H-H)	0 - 90%
Power		Operating temperature (T-T)	-10 - 60 °C
Power over Ethernet (PoE) *	✔	Storage temperature (T-T)	-30 - 80 °C
Power consumption (max)	25 W	Storage relative humidity (H-H)	0 - 90%

Syslog	✔	Mounting kit	✔

Ports & interfaces		**Operational conditions**	

4711488351145

Catalog Object Cloud