EnGenius

EnGenius Outdoor PTP/PTMP Bridge, Wi-Fi 6 (11ax), 2x2.5GbE , 30?°, at



Brand : EnGenius

Product code: EOC655-C23

Product name : Outdoor PTP/PTMP Bridge, Wi-Fi 6 (11ax), 2x2.5GbE , 30?°, at

- 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

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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	✔

Antenna	
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 data	
Package width	365 mm
Package depth	166 mm
Package height	512 mm
Package weight	4.68 kg

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

Management features	
Syslog	✔

Ports & interfaces	
Ethernet LAN (RJ-45) ports *	2

Power	
Power over Ethernet (PoE) *	✔
Power consumption (max)	25 W

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

Antenna	
Antenna type *	Internal

Packaging content	
Mounting kit	✔

Operational conditions	
Operating relative humidity (H-H)	0 - 90%
Operating temperature (T-T)	-10 - 60 °C
Storage temperature (T-T)	-30 - 80 °C
Storage relative humidity (H-H)	0 - 90%

Logistics data	
Harmonized System (HS) code	85176990
Master (outer) case width	354 mm
Master (outer) case length	390 mm
Master (outer) case height	552 mm
Master (outer) case gross weight	9.99 kg
Products per master (outer) case	2 pc(s)

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