SILVERNET

SilverNet U2460-PCP Network bridge 500 Mbit/s White

Brand : SilverNet   **Product code:** SIL U2460-PCP

Product name : U2460-PCP

24 GHz, 500 Mbps 60 cm Dish full duplex capacity link, up to 10 km

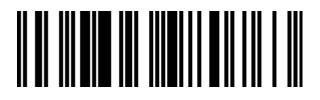SilverNet U2460-PCP Network bridge 500 Mbit/s White:

The SIL U2460-PCP is an outdoor, full IP microwave radio operating in the 24GHz unlicensed band across the UK and Europe.

This device offers a 500Mbps full duplex link with a range of up to 10km, equipped with 60cm antennas and backed by a 2-year warranty.

Designed for seamless integration with 3G, 4G, and LTE nodes, it is perfect for a swift transition to full IP networks, offering top radio capacity and performance. It boasts advanced Ethernet capabilities and comprehensive synchronization management with SyncE and 1588v2, making the 24GHz Backhaul links cutting-edge IP radios that lay the groundwork for a state-of-the-art network.

Data transmission

Maximum data transfer rate *	500 Mbit/s
Maximum transfer distance	10000 m

Antenna

Antenna design	External
Antennas quantity	2

Wireless LAN features

Frequency band	24 GHz
Modulation	16-QAM, 32-QAM, 64-QAM, 128-QAM, 512-QAM, 1024-QAM
Receiver sensitivity	4 QAM (-88) 16 QAM (-81) 32 QAM (-76.5) 64 QAM (-73.5) 128 QAM (-70.5) 256 QAM (-67) 512 QAM (-67.5) 1024 QAM (-60.5)
Output power (dBm)	4 QAM (+21) 16 QAM (+19) 32 QAM (+17) 64 QAM (+17) 128 QAM (+17) 256 QAM (+17) 512 QAM (+17) 1024 QAM (+16)
Frequency stability	5 ppm

Network

Ethernet LAN	✔
Ethernet LAN interface type	Gigabit Ethernet
Ethernet LAN data rates	1000 Mbit/s
Networking standards	IEEE 802.11ad, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x
Full duplex	✔
Static IP	✔

Ports & interfaces

Connectivity technology	Wired & Wireless
Ethernet LAN (RJ-45) ports	2
Power over Ethernet plus (PoE+) ports quantity	1
I/O ports	2x GE electrical

Management features

Management platform	Web GUI, In Band management, SilverView NMS
Web-based management	✔

Features

International Protection (IP) code	IP65
Quality of Service (QoS) support	✔
Flow control support	✔
RMON Statistics	✔
Link Loss Forwarding (LLF)	✔
Link aggregation	✖

Power

Power source type	PoE
Power consumption (max)	35 W
Power over Ethernet (PoE)	✔
Power over Ethernet (PoE) voltage	48 V

Operational conditions

Operating temperature (T-T)	-35 - 55 °C

Certificates

Certification	ETSI, FCC

Weight & dimensions

Antenna diameter	60 cm
Width	254 mm
Depth	154 mm
Height	254 mm

Packaging content

Grounding	✔
PoE+ Injector(s)	✔
Mounting bracket(s) included	✔
Power supply included	✔
Antenna included	✔
Quick installation guide	✔

Other features

Warranty period	2 year(s)

Packaging data

Package width	700 mm
Package depth	700 mm
Package height	500 mm

Features

Product type *	Network bridge
Product colour	White
Remote control function	✔
Power LED	✔
Real-Time Parameter Control (RTPC)	✔
Automatic Transmit Power Control (ATPC)	✔
VoIP	✔

Packaging data

Package weight	18.5 kg
Package type	Box
Quantity per pack	2 pc(s)

Logistics data

UK Trade Tariff code	85176200

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