

SilverNet U2430-PCP Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL U2430-PCP

Product name : U2430-PCP

24 GHz, 500 Mbps 30 cm Dish full duplex capacity link, up to 5 km

[SilverNet U2430-PCP Network bridge 500 Mbit/s White:](#)

The SIL U2430-PCP is a full outdoor, Full IP microwave radio that operates in the UK and European 24GHz unlicensed band.

The SIL U2430-PCP is a 500Mbps full duplex link capable of distances up to 5km and comes with 30cm antennas and a 2 year warranty.

The unlicensed Backhaul link is fully integratable with 3G, 4G and LTE nodes and ideal for a fast and flexible evolution towards full IP networks, with the highest radio capacity and performance. With advanced Ethernet features and complete synchronisation management (SyncE and 1588v2), the 24GHz Backhaul links are state of the art IP radio's, providing the foundation for a leading edge network.

Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	VoIP	✓
Maximum transfer distance	5000 m	International Protection (IP) code	IP65
Antenna		Quality of Service (QoS) support	✓
Antenna design	External	Flow control support	✓
Antenna gain level (max)	35 dBi	RMON Statistics	✓
Antennas quantity	2	Link Loss Forwarding (LLF)	✓
Wireless LAN features		Link aggregation	✓
Frequency band	24 GHz	Power	
Modulation	16-QAM, 32-QAM, 64-QAM, 128-QAM, 512-QAM, 1024-QAM	Power source type	PoE
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)	Power consumption (max)	35 W
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)	Power over Ethernet (PoE)	✓
Frequency stability	5 ppm	Power over Ethernet (PoE) voltage	48 V
Network		Operational conditions	
Ethernet LAN	✓	Operating temperature (T-T)	-35 - 55 °C
Ethernet LAN interface type	Gigabit Ethernet	Certificates	
Ethernet LAN data rates	1000 Mbit/s	Certification	ETSI, FCC
Networking standards	IEEE 802.11ad, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x	Weight & dimensions	
Full duplex	✓	Antenna diameter	30 cm
Static IP	✓	Width	254 mm
Ports & interfaces		Depth	154 mm
Connectivity technology	Wired & Wireless	Height	254 mm
Ethernet LAN (RJ-45) ports	2	Weight	7 kg
Power over Ethernet plus (PoE+) ports quantity	1	Packaging content	
I/O ports	2x GE electrical	Grounding	✓
Management features		PoE+ Injector(s)	✓
Management platform	Web GUI, In Band management, SilverView NMS	Mounting bracket(s) included	✓
Web-based management	✓	Power supply included	✓
		Antenna included	✓
		Quick installation guide	✓
		Packaging data	
		Package width	400 mm
		Package depth	400 mm
		Package height	500 mm

Features		Packaging data	
Product type *	Network bridge	Package weight	37 kg
Product colour	White	Package type	Box
Remote control function	✓	Quantity per pack	2 pc(s)
Power LED	✓	Logistics data	
Real-Time Parameter Control (RTPC)	✓	UK Trade Tariff code	85176200
Automatic Transmit Power Control (ATPC)	✓		



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