SilverNet U2490-PCP Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL U2490-PCP

Product name : U2490-PCP

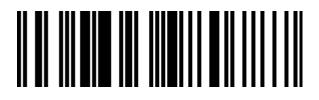
24 GHz, 500 Mbps 90 cm Dish full duplex capacity link, up to 20 km

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The SIL U2490-PCP is an outdoor, Full IP microwave radio operating in the UK and European 24GHz unlicensed band. It offers a 500Mbps full duplex link, reaching distances up to 20km, and includes 90cm antennas with a 2-year warranty. This unlicensed Backhaul link integrates seamlessly with 3G, 4G, and LTE nodes, making it ideal for a swift and adaptable transition to full IP networks. It boasts the highest radio capacity and performance, advanced Ethernet features, and comprehensive synchronisation management with SyncE and 1588v2, positioning the 24GHz Backhaul links as cutting-edge IP radios that form the backbone of a state-of-the-art network.

Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	VoIP	1
Maximum transfer distance	20000 m	International Protection (IP) code	IP65
Antenna		Quality of Service (QoS) support	✓
Antenna design	External	Flow control support	✓
Antennas quantity	2	RMON Statistics	 Image: A set of the set of the
Wireless LAN features		Link Loss Forwarding (LLF)	1
Frequency band	24 GHz	Link aggregation	1
Modulation	16-QAM, 32-QAM, 64-QAM, 128- QAM, 512-QAM, 1024-QAM	Power	
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 source type	PoE
		Power consumption (max) Power over Ethernet (PoE)	35 W
		Power over Ethernet (PoE) voltage	48 V
Output power (dBm)	4 QAM (+21) 16 QAM (+19) 32 QAM (+17) 64 QAM (+17) 128 QAM (+17) 256 QAM (+17) 512 QAM	Operational conditions	
		Operating temperature (T-T)	-35 - 55 °C
Frequency stability	(+17) 1024 QAM (+16)		-33 - 33 - 6
	5 ppm	Certificates	5701 500
Network		Certification	ETSI, FCC
Ethernet LAN		Weight & dimensions	
Ethernet LAN interface type Ethernet LAN data rates	Gigabit Ethernet 1000 Mbit/s	Antenna diameter	90 cm
	IEEE 802.11ad, IEEE 802.1p, IEEE	Width	254 mm 154 mm
Networking standards	802.3ad, IEEE 802.3x	Depth Height	254 mm
Full duplex	1	Packaging content	234 1111
Static IP	1		
Ports & interfaces		Grounding	
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	
Ethernet LAN (RJ-45) ports	2	Mounting bracket(s) included	
Power over Ethernet plus (PoE+) ports quantity	1	Power supply included Antenna included	
I/O ports	2x GE electrical	Quick installation guide	
Management features		Packaging data	•
Management platform	Web GUI, In Band management,	Package width	1000 mm
	SilverView NMS	Package depth	1000 mm
Web-based management	✓	Package height	500 mm
Features		Package weight	21.5 kg
Product type *	Network bridge	Package type	Box
Product colour	White	Quantity per pack	2 pc(s)
Remote control function	✓		

Features		Logistics data		
Power LED	✓	UK Trade Tariff code	85176200	
Real-Time Parameter Control (RTPC) 🖌				
Automatic Transmit Power Control (ATPC)	1			



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