## 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

## SilverNet U2490-PCP Network bridge 500 Mbit/s White:

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.

Maximum data transfer rate *         500 Mbit/s         VoIP         */**           Maximum transfer distance         20000 m         International Protection (IP) code International International IP Code International IP Code International IP Code International IP Code	Data transmission		Features	
Antenna         Quality of Service (QoS) support         ✓           Antenna design         External         Flow control support         ✓           Antennas quantity         2         RMON Statistics         ✓           Wireless LAN features         Link aggregation         ✓           Frequency band         24 GHz         Link aggregation         ✓           Modulation         4 QAM, 18-20, AM, 1024-QAM         Power         Power           Receiver sensitivity         4 QAM, 18-81, 15 QAM (491) 32 QAM (407, 152, 1220 QAM (4		•		
Antenna design         External         Flow control support         ✓           Antennas quantity         2         RMON Statistics         ✓           Wireless LAN features         Link Loss Forwarding (LLF)         ✓           Frequency band         24 GHz         Link Loss Forwarding (LLF)         ✓           Modulation         16-QAM, 32-QAM, 64-QAM, 128-QAM         Power         Power           Receiver sensitivity         4 QAM, 481 16 QAM (413) 32 QAM (4-CAS) 128 QAM (4-CAS) 128 QAM (4-CAS) 128 QAM (4-CAS) 120 Q		20000 111		
Antennas quantity         2         RMON Statistics         "           Wireless LAN features         Link Loss Forwarding (LLF)         "           Frequency band         24 GHz         Link aggregation         "           Modulation         16-QAM, 32-QAM, 64-QAM, 12-QAM         Power           Receiver sensitivity         4 QAM (-81) 16 QAM (-81) 32 QAM (-70.5) 256 QAM (-70.5) 225 QAM (-70.5) 225 QAM (-70.5) 225 QAM (-70.5) 220 QAM (-67.5) 120 QAM (-17) 80 QAM (-17) 120 QAM (-17) 80 Q		Extornal		
Wireless LAN features         Link Loss Forwarding (LLF)         ✓           Frequency band         24 GHz         Link aggregation         ✓           Modulation         16-QAM, 32-QAM, 64-QAM, 128-QAM (AM, 512-QAM) (AM,	•		••	
Frequency band         24 GHz         Link aggregation         ✓           Modulation         16-QAM, 32-QAM, 64-QAM, 128-QAM, 512-QAM, 512-QAM, 1024-QAM         Power           Receiver sensitivity         4 QAM (-88) 16 QAM (-73.5) 128 QAM, 64-QAM, 129 QAM, (-70.5) 56 QAM (-67) 312 QAM, (-60.5) 1024 QAM (-60.5) 1024 QAM (-60.5) 1024 QAM (-19) 32 QAM, (-17) 125 QAM, (-17) 122 QAM, (		-		<i>✓</i>
Modulation         16-QAM, 312-QAM, 61-QAM, 128-QAM (AVA), 1024-QAM (AVA), 10		24 GHz	Link aggregation	<b>✓</b>
Receiver sensitivity         4 QAM (+81) 15 QAM (+73.5) 128 QA	•	16-QAM, 32-QAM, 64-QAM, 128-	Power	
C-67.5) 1024 QAM (-60.5)   Power over Ethernet (PoE) voltage   40 AM (-21) 16 QAM (+19) 32 QAM (+17) 128 QAM (+17) 128 QAM (+17) 128 QAM (+17) 129 QAM (+19) 129 QAM (+1	Receiver sensitivity	4 QAM (-88) 16 QAM (-81) 32 QAM (-76.5) 64 QAM (-73.5) 128 QAM	Power consumption (max)	35 W
Output power (dBm)         4 QMR (+17) 16 QMR (+17) 12 QMM (+17) 12 QMM (+17) 25 QMM (+17) 152 QMM (+17) 1024 QMR (+17) 151 QMM (+17) 1024 QMR (+16)         Operating temperature (T-T)  -35 - 55 °C           Frequency stability         5 ppm         Certification         ETSI, FCC           Network         Certification         ETSI, FCC           Ethernet LAN         V         Weight & dimensions           Ethernet LAN interface type         Gigabit Ethernet         Antenna diameter         90 cm           Ethernet LAN data rates         1000 Mbit/s         Width         254 mm           Networking standards         IEEE 802.11ad, IEEE 802.1p, IEEE 802.3x         Depth Pight         154 mm           Full duplex         Post 8 interfaces         Packaging content           Full duplex         Post 9 Injector(s)			` '	-
Output power (dsm)	Output power (dBm)	(+17) 64 QAM (+17) 128 QAM (+17) 256 QAM (+17) 512 QAM		
Frequency stability 5 ppm Certificates  Network Cethernet LAN			•	-35 - 55 °C
Network       Certification       ETSI, FCC         Ethernet LAN       ✓       Weight & dimensions         Ethernet LAN interface type       Gigabit Ethernet       Antenna diameter       90 cm         Ethernet LAN data rates       1000 Mbit/s       Width       254 mm         Networking standards       IEEE 802.11ad, IEEE 802.1p, IEEE 802.2p, IEEE 802.3ax       Depth       154 mm         Full duplex       ✓       Packaging content         Static IP       ✓       Packaging content         Connectivity technology       Wired & Wireless       Mounting bracket(s) included       ✓         Ethernet LAN (R)-45) ports       2       Power over Ethernet plus (PoE+)       1       Antenna included       ✓         Power over Ethernet plus (PoE+)       1       Antenna included       ✓         Management features       Packaging data         Management features         Web GUI, In Band management, SilverView NMS       Package depth       1000 mm         Package depth       1000 mm         Pa	Frequency stability			-55 - 55 - C
Ethernet LAN  Ethernet LAN interface type	. , ,	э ррпп		FTCL FCC
Ethernet LAN interface type 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 Ethernet LAN (RJ-45) ports Ethernet LAN (RJ-45) ports 2 Power over Ethernet plus (PoE+) ports quantity I/O ports  Management features  Management features  Management platform Web-based management Web-based management Very Conduct type * Product type * Product colour  Mith the nan diameter  Method to the mith the nan diameter  Mith the national dead to the name of the na				ETSI, FCC
Ethernet LAN data rates 1000 Mbit/s Width 254 mm  Networking standards EEE 802.11ad, IEEE 802.1p, IEEE 802.3x Height 254 mm  Full duplex 254 mm  Full duplex 254 mm  Founding 255 mm  Founding 256 mm  Founding 25			· ·	
Networking standards    EEE 802.11ad, IEEE 802.1p, IEEE 802.3x   Depth	71	3		
Networking standards 802.3ad, IEEE 802.3x Height 254 mm  Full duplex  Static IP   Ports & interfaces				
Static IP  Ports & interfaces  Connectivity technology Ethernet LAN (RJ-45) ports  Power over Ethernet plus (PoE+) ports quantity I/O ports  Anagement features  Management platform Web-based management Web-based management  Features  Product type * Product colour  Ports & interfaces  Were d & Wireless Wireless Wireless Wireless Wireless  And wounting bracket(s) included Power supply included Power supply included Antenna included Antenna included Antenna included Pockaging data  Packaging data  Package width Package width Package depth Package depth Package depth Package depth Package depth Package depth Package weight Package weight Package weight Package weight Package weight Package type Package type Package type Box Product colour White	Networking standards		•	
Forts & interfaces  Connectivity technology  Ethernet LAN (RJ-45) ports  Power over Ethernet plus (PoE+) ports quantity  I/O ports  Management features  Management platform  Web GUI, In Band management, SilverView NMS  Web-based management  Veb-based management  Veb-based management  Veb-based management  Veb Network bridge  Power supply included  Antenna included  Very Porks allation guide  Very Packaging data  Package width Package width Package depth Package depth Package depth Package height Package weight Package weight Package weight Package weight Package weight Package type P	Full duplex	✓	Packaging content	
Ports & interfacesPoE+ Injector(s)✓Connectivity technologyWired & WirelessMounting bracket(s) included✓Ethernet LAN (RJ-45) ports2Power supply included✓Power over Ethernet plus (PoE+) ports quantity1Antenna included✓I/O ports2x GE electricalQuick installation guide✓Management featuresPackaging dataManagement platformWeb GUI, In Band management, SilverView NMSPackage width1000 mmPackage depth1000 mmPackage height500 mmPackage weight21.5 kgProduct type *Network bridgePackage typeBoxProduct colourWhiteQuantity per pack2 pc(s)	Static IP	✓		
Connectivity technology Ethernet LAN (RJ-45) ports 2 Power over Ethernet plus (PoE+) ports quantity I/O ports  Management features  Management platform Web-based management Web-based management Peatures  Network bridge Product type * Product colour  Wired & Wireless Mounting bracket(s) included  Antenna included Antenna included  Antenna includes  Antenna included  Antenna included  Antenna included  Ante	Ports & interfaces		<u> </u>	<i>y</i>
Power over Ethernet plus (PoE+) ports quantity I/O ports	Connectivity technology	Wired & Wireless	•	1
Power over Ethernet plus (POE+) ports quantity I/O ports  2x GE electrical Quick installation guide   Management features  Packaging data  Management platform Web GUI, In Band management, SilverView NMS Package width Package depth Package depth Package height Package weight Package weight Package weight Package weight Package weight Package type Package		2	-	1
I/O ports  2x GE electrical  Quick installation guide  ✓  Management features  Management platform  Web GUI, In Band management, SilverView NMS  Web-based management  ✓  Package width  Package depth  Package depth  Package height  Package weight  Package weight  Package weight  Package weight  Package type  Package type  Poduct colour  White  Quantity per pack  ✓  V  V  V  V  V  V  V  V  V  V  V  V	•	1	11.3	·
Management platform Web GUI, In Band management, SilverView NMS Package width Package depth Package height Features Package weight Package weight Package weight Package type	• •	2x GE electrical		· ·
Management platformWeb GUI, In Band management, SilverView NMSPackage width1000 mmWeb-based management✓Package depth1000 mmFeaturesPackage height500 mmProduct type *Network bridgePackage type21.5 kgProduct colourWhiteQuantity per pack2 pc(s)	Management features		Packaging data	
Web-based management✓Package depth package depth package height1000 mmFeaturesPackage weight21.5 kgProduct type *Network bridgePackage type packBoxProduct colourWhiteQuantity per pack2 pc(s)	Management platform			1000 mm
Features 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)	Web-based management			
Product type * Network bridge Package type Box Product colour White Quantity per pack 2 pc(s)				
Product colour White Quantity per pack 2 pc(s)		Network hridge		•
	· ·		<b>5</b> ,,	

 Features

 Power LED
 ✓
 UK Trade Tariff code
 85176200

 Real-Time Parameter Control (RTPC)
 ✓

 Automatic Transmit Power Control (ATPC)
 ✓



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