

SilverNet MAX 500-PCP Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL MAX 500-PCP

Product name : MAX 500-PCP

500Mbps, 25dBi, PoE, MIMO, DFS, 1G LAN, 370x370x90 mm, pre-configured

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

The SIL MAX 500-PCP outdoor wireless bridge can transmit data at speeds up to 500Mbps over distances up to 20km. Encased in a durable metal housing with built-in lightning protection, it is perfect for harsh environments where a stable and reliable connection is essential.

Pre-configured and equipped with all the features of the standard SIL MAX PCP and SIL MAX 240-PCP, the SIL MAX 500-PCP is great for when additional bandwidth is needed.

As part of the SilverNet PRO Range, this device is among a family of leading wireless outdoor bridge solutions optimized for long-distance transmissions and designed to be compact and rugged. The PRO Range offers a cost-effective alternative to expensive lease lines, ensuring the construction of a reliable wireless system.

With the addition of our free "SilverView" network monitoring software, the SIL MAX 500-PCP provides an outstanding, feature-rich solution.



Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	Surge protection	✓
Maximum transfer distance	60000 m	Quality of Service (QoS) support	✓
Supported data transfer rates	95, 240, 500, 1000Mbps	Network Time Protocol (NTP) client	✓
Antenna		Mean time between failures (MTBF)	60000 h
Antenna design	Internal	System requirements	
Antenna gain level (max)	23 dBi	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Pan/tilt-axis range	180°	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Antennas quantity	1	Power	
Wireless LAN features		Power source type	DC, PoE
Wi-Fi	✓	AC input voltage	100-240 V
Wi-Fi band	Single-band (5 GHz)	Power supply	15.4 W
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	DC input voltage	24-48/48-56 V
WLAN data transfer rate (max)	1300 Mbit/s	Power consumption (typical)	6 W
Frequency band	5.1 - 5.8 GHz	Power consumption (max)	16 W
Transmission gain	0 - 23 dB	Power over Ethernet (PoE)	✓
Signal strength	-40 dBm	Power over Ethernet (PoE) voltage	48 V
Channels quantity	25 channels	Power plug type	Type G
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Operational conditions	
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Operating temperature (T-T)	-20 - 70 °C
Output power (dBm)	26	Operating temperature (T-T)	-4 - 158 °F
Indoor range	60000m	Operating relative humidity (H-H)	0 - 95%
Outdoor range	60000m	Storage temperature (T-T)	-40 - 90 °C
Network		Storage relative humidity (H-H)	0 - 95%
Ethernet LAN	✓	Certificates	
Ethernet LAN interface type	Gigabit Ethernet	Certification	CE, FCC
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x, IEEE 802.3af	Antenna diameter	51 cm
		Width	370 mm

Network		Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Depth	370 mm
Full duplex	✓	Height	90 mm
Auto MDI/MDI-X	✓	Weight	2.5 kg
Static IP	✓	Packaging content	
Dynamic IP	✓	Packaging content	Includes 2 x radios, 2 x PoE injector PSU's and 2 x Tilt and Swivel 3 Axis mounting brackets.
Ports & interfaces		Grounding	✓
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	✓
Ethernet LAN (RJ-45) ports	1	Mounting bracket(s) included	✓
Security		Power supply included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMP, SNMPv2, SSH	Antenna included	✓
MAC address filtering	✓	Quick installation guide	✓
Authentication method	WPA2 AES	Packaging data	
Management features		Package width	305 mm
Management protocols	SNMP V2	Package depth	445 mm
Web-based management	✓	Package height	460 mm
DHCP client	✓	Package weight	9.37 kg
Features		Package type	Box
Product type *	Network bridge	Quantity per pack	2 pc(s)
Product colour	White	Logistics data	
Remote control function	✓	UK Trade Tariff code	85176200
LED indicators	LAN, Signal strength	Country of origin	United Kingdom
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		



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