

SilverNet LITE 500 Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL LITE 500

Product name : LITE 500

500Mbps, 18dBi, PoE, MIMO, DFS, 1G LAN, 215x215x77 mm

[SilverNet LITE 500 Network bridge 500 Mbit/s White:](#)

The SIL LITE 500 is an outdoor single radio capable of transmitting up to 500Mbps over distances of up to 6km. It can be used for a Point to Point or Point to MultiPoint network. Housed in a robust metal enclosure, it is designed to resist external electromagnetic interference and includes built-in surge protection to guard against lightning strikes and power surges.

This device comes complete with PoE injector and heavy-duty 3-axis tilt-and-swivel bracket. It features a built-in dual-polarized 18dBi antenna and includes all the capabilities of the standard SIL LITE and SIL LITE 240.

With the addition of our free "SilverView" network monitoring software, this device provides an outstanding, feature-rich solution.



Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	Quality of Service (QoS) support	✓
Maximum transfer distance	6000 m	Network Time Protocol (NTP) client	✓
Supported data transfer rates	240Mbps - 500Mbps	Mean time between failures (MTBF)	60000 h
Antenna		System requirements	
Antenna design	Internal	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Antenna gain level (max)	18 dBi	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Pan/tilt-axis range	180°		
Antennas quantity	1		
Wireless LAN features		Power	
Wi-Fi	✓	Power source type	DC, PoE
Wi-Fi band	Single-band (5 GHz)	AC input voltage	100-240 V
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Power supply	15.4 W
WLAN data transfer rate (max)	1300 Mbit/s	DC input voltage	24-48/48-56 V
Frequency band	5.1 - 5.8 GHz	Power consumption (typical)	6 W
Transmission gain	0 - 18 dB	Power consumption (max)	16 W
Signal strength	-40 dBm	Power over Ethernet (PoE)	✓
Channels quantity	25 channels	Power over Ethernet (PoE) voltage	48 V
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Power plug type	Type G
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Operational conditions	
Output power (dBm)	26	Operating temperature (T-T)	-20 - 70 °C
Indoor range	6000m	Operating temperature (T-T)	-4 - 158 °F
Outdoor range	6000m	Operating relative humidity (H-H)	0 - 95%
		Storage temperature (T-T)	-40 - 90 °C
		Storage relative humidity (H-H)	0 - 95%
Network		Certificates	
Ethernet LAN	✓	Certification	CE, FCC
Ethernet LAN interface type	Gigabit Ethernet	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Antenna diameter	30 cm
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x	Width	215 mm
Cabling technology	10/100/1000Base-T(X)	Depth	215 mm
		Height	77 mm

Network		Weight & dimensions	
Full duplex	✓	Weight	1.6 kg
Auto MDI/MDI-X	✓	Packaging content	
Static IP	✓	Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Dynamic IP	✓	Grounding	✓
Ports & interfaces		PoE+ Injector(s)	✓
Connectivity technology	Wired & Wireless	Mounting bracket(s) included	✓
Ethernet LAN (RJ-45) ports	1	Power supply included	✓
Security		Antenna included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMP, SNMPv2, SSH	Quick installation guide	✓
MAC address filtering	✓	Packaging data	
Authentication method	WPA2 AES	Package width	310 mm
Management features		Package depth	395 mm
Management protocols	SNMP V2	Package height	100 mm
Web-based management	✓	Package weight	2.74 kg
DHCP client	✓	Package type	Box
Features		Quantity per pack	1 pc(s)
Product type *	Network bridge	Logistics data	
Product colour	White	UK Trade Tariff code	85176200
Remote control function	✓	Country of origin	United Kingdom
LED indicators	LAN, Signal strength		
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		
Surge protection	✓		



5060693980145

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 14-NOV-2024. Prints or copies of Information are only valid on the printed Publication date