

## 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		

Network		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
		Depth	215 mm
Cabling technology	10/100/1000Base-T(X)	Height	77 mm
Full duplex	✓	Weight	1.6 kg
Auto MDI/MDI-X	✓	<b>Packaging content</b>	
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	✓
<b>Ports &amp; interfaces</b>		PoE+ Injector(s)	✓
Connectivity technology	Wired & Wireless	Mounting bracket(s) included	✓
Ethernet LAN (RJ-45) ports	1	Power supply included	✓
<b>Security</b>		Antenna included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMP, SNMPv2, SSH	Quick installation guide	✓
MAC address filtering	✓	<b>Packaging data</b>	
Authentication method	WPA2 AES	Package width	310 mm
<b>Management features</b>		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
<b>Features</b>		Quantity per pack	1 pc(s)
Product type *	Network bridge	<b>Logistics data</b>	
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	✓		



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