

## 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.



<b>Data transmission</b>		<b>Features</b>	
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
<b>Antenna</b>		<b>System requirements</b>	
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		
<b>Wireless LAN features</b>		<b>Power</b>	
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	<b>Operational conditions</b>	
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%
<b>Network</b>		<b>Certificates</b>	
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
Cabling technology	10/100/1000Base-T(X)	Depth	215 mm
Full duplex	✓	Height	77 mm
Auto MDI/MDI-X	✓	Weight	1.6 kg
Static IP	✓	<b>Packaging content</b>	
Dynamic IP	✓	Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
<b>Ports &amp; interfaces</b>		Grounding	✓
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	✓
Ethernet LAN (RJ-45) ports	1	Mounting bracket(s) included	✓
<b>Security</b>		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	<b>Packaging data</b>	
<b>Management features</b>		Package width	310 mm
Management protocols	SNMP V2	Package depth	395 mm
Web-based management	✓	Package height	100 mm
DHCP client	✓	Package weight	2.74 kg
<b>Features</b>		Package type	Box
Product type *	Network bridge	Quantity per pack	1 pc(s)
Product colour	White	<b>Logistics data</b>	
Remote control function	✓	UK Trade Tariff code	85176200
LED indicators	LAN, Signal strength	Country of origin	United Kingdom
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		
Surge protection	✓		



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