

## SilverNet Base 500 Network bridge 500 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL BASE 500

**Product name :** Base 500

Multipoint base, up to 500 Mbps with 2 x N-type connectors for external antenna

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

The SIL BASE 500 is a Multipoint receiver with 2 external antenna connectors. It can be used in a multipoint system or as a long range Point to Point link. The SIL BASE 500 is capable of up to 500Mbps up to 5km (depending on which external antenna is fitted).

When fitted with a Dual polarised Omni or Sector antenna the SIL BASE 500 can be used as a Multipoint receiver, receiving signals from multiple clients at the same time.

The SIL BASE 500 can also be used as a long range Backhaul link when fitted with Dish or Grid antennas.

Please see our Antenna Datasheet for available antennas.



Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	Quality of Service (QoS) support	✓
Supported data transfer rates	95, 240, 500Mbps	Wi-Fi Multimedia (WMM)/(WME)	✓
Antenna		Network Time Protocol (NTP) client	✓
Antenna design	External	Mean time between failures (MTBF)	60000 h
Antenna connector type	N-type	System requirements	
Antennas quantity	1	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Wireless LAN features		Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Wi-Fi	✓	Power	
Wi-Fi band	Single-band (5 GHz)	Power source type	DC, PoE
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	AC input voltage	100 - 240 V
WLAN data transfer rate (max)	867 Mbit/s	Power supply	15.4 W
Frequency band	5.1 - 5.8 GHz	DC input voltage	24 - 48 V
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Power consumption (typical)	6 W
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Power consumption (max)	16 W
Output power (dBm)	26	Power over Ethernet (PoE)	✓
Indoor range	5.1GHz - 5.7GHz	Power over Ethernet (PoE) voltage	48 V
Outdoor range	5.4GHz - 5.8GHz	Power plug type	Type G
Network		Operational conditions	
Ethernet LAN	✓	Operating temperature (T-T)	-20 - 70 °C
Ethernet LAN interface type	Gigabit Ethernet	Operating temperature (T-T)	-4 - 158 °F
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	0 - 95%
Networking standards	IEEE 802.11i, IEEE 802.1Q, IEEE 802.1x	Storage temperature (T-T)	-40 - 90 °C
Cabling technology	10/100/1000Base-T(X)	Storage relative humidity (H-H)	0 - 95%
Full duplex	✓	Certificates	
		Certification	CE, FCC

Network		Weight & dimensions	
Auto MDI/MDI-X	✓	Width	220 mm
Static IP	✓	Depth	75 mm
Dynamic IP	✓	Height	220 mm
Ports & interfaces		Weight	1.6 kg
Connectivity technology	Wired & Wireless	Packaging content	
Ethernet LAN (RJ-45) ports	1	Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Security		Grounding	✓
Security algorithms	256-bit AES, SNMPv2	PoE+ Injector(s)	✓
Security features	802.1x, 802.11i, 802.1Q	Mounting bracket(s) included	✓
MAC address filtering	✓	Power supply included	✓
Authentication method	WPA2 AES	Quick installation guide	✓
Management features		Packaging data	
Management platform	SNMP V2	Package width	307 mm
Web-based management	✓	Package depth	395 mm
DHCP client	✓	Package height	102 mm
Features		Package weight	2.59 kg
Product type *	Network bridge	Package type	Box
Product colour	White	Quantity per pack	1 pc(s)
Remote control function	✓	Logistics data	
LED indicators	LAN, Signal strength	UK Trade Tariff code	85176200
Automatic Transmit Power Control (ATPC)	✓	Country of origin	United Kingdom
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		
Surge protection	✓		



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