

SilverNet BASE 500-90 Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL BASE 500-90

Product name : BASE 500-90

500Mbps, IEEE 802.11ac/a/n, 26dBm, 5.1-5.8 GHz, 2x2 MIMO, 26dBm, 90° Sector Antenna, 1G RJ-45, PoE

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The BASE 500 90 is a highly secure long range Multipoint transmission system with a built in 90 degree sector antenna. Enhanced features include MIMO spatial multiplexing and ultrafast radio speed, giving the BASE 500 90 unparalleled data throughput capabilities, available 500Mbps full duplex.

Works with the MICRO Single radio as a remote transmitter.

The PRO Range is class leading, offering a wireless outdoor bridge that has been optimised for long transmission distances which has been designed to be extremely compact and rugged. Our FREE SilverView network monitoring software built in as standard ensures you have an outstanding feature packed solution.



Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	International Protection (IP) code	IP67
Maximum transfer distance	6000 m	Surge protection	✓
Supported data transfer rates	500Mbps	Quality of Service (QoS) support	✓
Antenna		Network Time Protocol (NTP) client	✓
Antenna design	Internal	Mean time between failures (MTBF)	60000 h
Antenna gain level (max)	13 dBi	System requirements	
Pan/tilt-axis range	180°	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Antennas quantity	1	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Wireless LAN features		Power	
Wi-Fi	✓	Power source type	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)	867 Mbit/s	DC input voltage	24 - 48 V
Frequency band	5.1 - 5.8 GHz	Power consumption (typical)	6 W
Transmission gain	0 - 13 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%
Network		Storage temperature (T-T)	-40 - 90 °C
Ethernet LAN	✓	Storage relative humidity (H-H)	0 - 95%
Ethernet LAN interface type	Gigabit Ethernet		

Network		Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Certification	CE, FCC
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x, IEEE 802.3af	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Antenna diameter	48 cm
Full duplex	✓	Width	450 mm
Auto MDI/MDI-X	✓	Depth	170 mm
Static IP	✓	Height	65 mm
Dynamic IP	✓	Weight	2.3 kg
Ports & interfaces		Packaging content	
Connectivity technology	Wired & Wireless	Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Ethernet LAN (RJ-45) ports	1	Grounding	✓
Security		PoE+ Injector(s)	✓
Security algorithms	256-bit AES, SNMP, SNMPv2, SSH	Mounting bracket(s) included	✓
Security features	802.1x, 802.11i, 802.1Q	Power supply included	✓
MAC address filtering	✓	Antenna included	✓
Authentication method	WPA2 AES	Quick installation guide	✓
Management features		Packaging data	
Management platform	SNMP V2	Package width	215 mm
Web-based management	✓	Package depth	605 mm
DHCP client	✓	Package height	140 mm
Features		Package weight	2.91 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	✓		



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