SILVERNET

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 Features Maximu data transfer rate* 500 Mbit/s Quality of Service (QoS) support * Supported data transfer rate* 502 A00, 500Mbps Wi-Fi Multimedia (WMM)(WME) * Antenna Sexternal Mean time between failures (MTBF) 6000 h * Antenna design External Mean time between failures (MTBF) 6000 h * Antenna connector type N+type Mean time between failures (MTBF) 6000 h * Wi-Fi cance Compatible operating system Micrimet Explorer, Google Chrome, Mozilla Firefox of Windows, Mac OS, Linux Wi-Fi standard Y+Fi S (802,11a c) Merrer surgers with the system requirements Micrimet Explorer, Google Chrome, Mozilla Firefox OS, Linux Top Wi-Fi standard Y+Fi S (802,11a c) Merer surgers with the system requirements Mozilla Firefox OS, Linux Modulation Single-band (S GHz) Power source type 0.5, 4W Modulation Single-band (S GHz) Power source type 0.6, 4W Modulation Single-band (S GHz) Power source type 0.6, 4W Modulation Single-band (S GHz) Power osource type				
Supported data transfer rates95, 240, 500MbpsWi-Fi Multimedia (WMM)(WME)AntennaExternalMean time between failures (MTBF)60000 hAntenna connector typeN-typeSystem requirements60000 hAntenna quantity1Internet Explorer, Google Chrome, Mozilla FirefoxMinimum system requirementsInternet Explorer, Google Chrome, Mozilla FirefoxWi-Fi✓Compatible operating systemsInternet Explorer, Google Chrome, Mozilla FirefoxMicrosoft Windows, Mac OS, Linux DistributionsWi-Fi✓Compatible operating systemsDC, PoETop Wi-Fi standardWi-Fi 5 (802.11ac)PowerDC, PoEWLAN data transfer rate (max)867 Mbit/sPower source typeDC, PoEFrequency band5.1 - 5.8 GHzAC input voltage24 - 48 VModulation-82dBm@634Mbps, -68dBm@1.3GbpsPower consumption (typical)6 WOutput power (dBM)26Power over Ethernet (PoE) voltage24 - 48 VOutput power (dBM)26Power over Ethernet (PoE) voltage48 VOutdoor range5.1GHz - 5.7GhzPower over Ethernet (PoE) voltage48 VOutdoor range5.1GHz - 5.7GhzOperating temperature (T-T)-20 - 70 °COutdoor range5.1GHz - 5.7GhzOperating temperature (T-T)-4 - 158 °FOutdoor range5.1GHz - 5.7GhzOperating temperature (T-T)-4 - 158 °FOutdoor range5.1GHz - 5.7GhzOperating temperature (T-T)-4 - 158 °FOutdoor range5.1GHz - 5.7GhzOperati	Data transmission		Features	
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Antenna connector type Antennas quantityN-type 1system requirementsInternet Explorer, Google Chrome, Mozilla FirefoxWi-FiIMinimum system requirementsInternet Explorer, Google Chrome, Mozilla FirefoxMicrosoft Windows, Mac OS, LinuxWi-FiSingle-band (5 GHz)Compatible operating systemsDistributionsWi-Fi standardWi-Fi 5 (802.11ac)PowerDC, POEWLAN data transfer rate (max)867 Mbit/sPower supplyDC, POEFrequency band5.1 - 5.8 GHzAC input voltage100 - 240 VModulationBoogKPower supply15.4 WOutput power (dBm)26Power consumption (typical)6 WOutput power (dBm)26Power oursumption (max)16 WOutput power (dBm)26Power oursumption (max)16 WOutput power (dBm)5.1 GHz - 5.7GhzPower ourser Ethernet (POE)✓Output power (dBm)5.4 GHz - 5.8 GHzPower ourser Ethernet (POE)✓Indoor range5.4 GHz - 5.7 GhzPower ourser Ethernet (POE)✓Output power (dBm)26Power ourser Ethernet (POE)✓Indoor range5.4 GHz - 5.7 GhzPower pulg type720 - 70 °COutput power (dBm)6Gperating temperature (T-T)-4 - 158 °FIndoor range5.4 GHz - 5.8 GHzOperating temperature (T-T)-4 - 158 °FOutput power (dBm)IEEE 802.111, IEEE 802.10, IEEEOperating reperature (T-T)-4 - 0.9 °CEthernet LANIEEE 802.111, IEEE 802.10, IEEEOperating r				
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Network-20 - 70 °CEthernet LAN✓Operating temperature (T-T)-20 - 70 °CEthernet LAN interface typeGigabit EthernetOperating temperature (T-T)-4 - 158 °FEthernet LAN data rates10,100,1000 Mbit/sOperating relative humidity (H-H)0 - 95%Networking standardsIEEE 802.11i, IEEE 802.1Q, IEEE 802.1xStorage temperature (T-T)-40 - 90 °CCabling technology10/100/1000Base-T(X)CertificatesCertificates	WLAN data transfer rate (max) Frequency band Modulation Receiver sensitivity Output power (dBm) Indoor range	867 Mbit/s 5.1 - 5.8 GHz 16-QAM, 64-QAM, 256-QAM, BPSK, QPSK -82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps 26 5.1GHz - 5.7Ghz	AC input voltage Power supply DC input voltage Power consumption (typical) Power consumption (max) Power over Ethernet (PoE) Power over Ethernet (PoE) voltage	100 - 240 V 15.4 W 24 - 48 V 6 W 16 W ✓ 48 V
Ethernet LANGigabit EthernetOperating temperature (T-T)-4 - 158 °FEthernet LAN data rates10,100,1000 Mbit/sOperating relative humidity (H-H)0 - 95%Networking standardsIEEE 802.11i, IEEE 802.1Q, IEEE 802.1xStorage temperature (T-T)-40 - 90 °CCabling technology10/100/1000Base-T(X)CertificatesCertificates	Network		Operational conditions	
	Ethernet LAN interface type Ethernet LAN data rates Networking standards	Gigabit Ethernet 10,100,1000 Mbit/s IEEE 802.11i, IEEE 802.1Q, IEEE 802.1x	Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T) Storage relative humidity (H-H)	-4 - 158 °F 0 - 95% -40 - 90 °C
	5 57			CE, FCC

Network		Weight & dimensions	
Auto MDI/MDI-X Static IP Dynamic IP	4 4 4	Width Depth Height	220 mm 75 mm 220 mm
Ports & interfaces		Weight	1.6 kg
Connectivity technology Ethernet LAN (RJ-45) ports Security	Wired & Wireless 1	Packaging content Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Security algorithms Security features MAC address filtering Authentication method	256-bit AES, SNMPv2 802.1x, 802.11i, 802.1Q ✓ WPA2 AES	Grounding PoE+ Injector(s) Mounting bracket(s) included Power supply included	/ / /
Management features		Quick installation guide	1
Management platform Web-based management DHCP client	SNMP V2 ✓	Packaging data Package width Package depth	307 mm 395 mm
Features Product type * Product colour	Network bridge White	Package height Package weight Package type Quantity per pack	102 mm 2.59 kg Box 1 pc(s)
Remote control function LED indicators	✓ LAN, Signal strength	Logistics data	
Automatic Transmit Power Control (ATPC)		UK Trade Tariff code Country of origin	85176200 United Kingdom
Wall mountable Reset button International Protection (IP) code	✓ ✓ IP67		

Surge protection

✓



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