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.

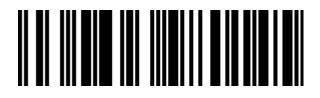
With the addition of our free "SilverView" network monitoring software, this device provides an outstanding, feature-rich solution.





Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	Quality of Service (QoS) support	1
Maximum transfer distance	6000 m	Network Time Protocol (NTP) client	 Image: A start of the start of
Supported data transfer rates	240Mbps - 500Mbps	Mean time between failures (MTBF)	60000 h
Antenna		System requirements	
Antenna design Antenna gain level (max)	Internal 18 dBi	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Pan/tilt-axis range Antennas quantity	180° 1	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Wireless LAN features		Power	
Wi-Fi Wi-Fi band Top Wi-Fi standard WLAN data transfer rate (max) Frequency band Transmission gain Signal strength Channels quantity Modulation	 Single-band (5 GHz) Wi-Fi 5 (802.11ac) 1300 Mbit/s 5.1 - 5.8 GHz 0 - 18 dB -40 dBm 25 channels 16-QAM, 64-QAM, 256-QAM, BPSK, 	Power source type AC input voltage Power supply DC input voltage Power consumption (typical) Power consumption (max) Power over Ethernet (PoE) Power over Ethernet (PoE) voltage Power plug type	DC, PoE 100-240 V 15.4 W 24-48/48-56 V 6 W 16 W ✓ 48 V Type G
houddation	QPSK	Operational conditions	
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Operating temperature (T-T) Operating temperature (T-T)	-20 - 70 °C -4 - 158 °F
Output power (dBm)	26	Operating relative humidity (H-H)	0 - 95%
Indoor range	6000m	Storage temperature (T-T)	-40 - 90 °C
Outdoor range	6000m	Storage relative humidity (H-H)	0 - 95%
Network		Certificates	
Ethernet LAN	1	Certification	CE, FCC
Ethernet LAN interface type	Gigabit Ethernet		

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Network		Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Antenna diameter	30 cm
Networking standards 8	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x 10/100/1000Base-T(X)	Width	215 mm
		Depth	215 mm
Cabling technology		Height	77 mm
Full duplex	1	Weight	1.6 kg
Auto MDI/MDI-X	1	Packaging content	
Static IP	1		Includes 1 x radio, 1 x PoE injector
Dynamic IP	Image: A start of the start	Packaging content	PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Ports & interfaces		Grounding	1
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	1
Ethernet LAN (RJ-45) ports	1	Mounting bracket(s) included	1
Security		Power supply included	✓
-	256-bit AES, 802.1x RADIUS, SNMP, SNMPv2, SSH	Antenna included	1
Security algorithms		Quick installation guide	1
MAC address filtering	 Image: A set of the set of the	Packaging data	
Authentication method	WPA2 AES	Package width	310 mm
Management features		Package depth	395 mm
Management protocols	SNMP V2	Package height	100 mm
Web-based management	1	Package weight	2.74 kg
DHCP client	1	Package type	Box
Features		Quantity per pack	1 pc(s)
Product type *	Network bridge	Logistics data	
Product colour	White	UK Trade Tariff code	85176200
Remote control function	 Image: A start of the start of	Country of origin	United Kingdom
LED indicators	LAN, Signal strength		
Wall mountable			
Reset button			
International Protection (IP) code	IP67		
Surge protection	√		
Surge protection	•		



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