

SilverNet LITE 500-PCP Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL LITE 500-PCP

Product name : LITE 500-PCP

- Point-to-Point Outdoor Wireless Bridge Up to 6KM
- Point-to-MultiPoint Client
- 500Mbps throughput
- Integrated 18dBi Antenna
- Designed for Outdoor applications
- SNMP
- AES Encryption up to 256bit
- MIMO with spatial multiplexing
- DFS (Dynamic Frequency Selection)
- TPC (transmit Power Control)
- PoE 802.3af

500Mbps, 18dBi, PoE, MIMO, DFS, 1G LAN, 215x215x77 mm, pre-configured SilverNet LITE 500-PCP. Maximum data transfer rate: 500 Mbit/s, Maximum transfer distance: 6000 m, Supported data transfer rates: 240 - 500Mbps. Antenna design: Internal, Antenna gain level (max): 18 dBi, Pan/tilt-axis range: 180°. Wi-Fi band: Single-band (5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac), WLAN data transfer rate (max): 1300 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x. Connectivity technology: Wired & Wireless



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

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	✓	Packaging content	
Dynamic IP	✓	Packaging content	Includes 2 x radios, 2 x PoE injector PSU's and 2 x Tilt and Swivel 3 Axis mounting brackets.
Ports & interfaces		PoE+ Injector(s)	✓
Connectivity technology	Wired & Wireless	Mounting bracket(s) included	✓
Ethernet LAN (RJ-45) ports	1	Power supply included	✓
Security		Antenna included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMP, SNMPv2, SSH	Quick installation guide	✓
MAC address filtering	✓	Packaging data	
Authentication method	WPA2 AES	Package width	220 mm
Management features		Package depth	310 mm
Management protocols	SNMP V2	Package height	420 mm
Web-based management	✓	Package weight	5.81 kg
DHCP client	✓	Package type	Box
Features		Quantity per pack	2 pc(s)
Product type *	Network bridge	Logistics data	
Product colour	White	UK Trade Tariff code	85176200
Remote control function	✓	Country of origin	United Kingdom
LED indicators	LAN, Signal strength		
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		



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