

## SilverNet LITE 240 Network bridge 240 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL LITE 240

**Product name :** LITE 240

- Point-to-Point Outdoor Wireless Bridge Up to 6KM
  - Point-to-MultiPoint Client
  - Up to 240Mbps
  - 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
  - Software Upgradeable to 500Mbps
- 240Mbps, 18dBi, PoE, MIMO, DFS, 1G LAN, 215x215x77 mm

SilverNet LITE 240 Network bridge 240 Mbit/s White:

The SIL LITE 240 is an outdoor single radio that can transmit up to 240Mbps at distances as far as 6km. It can be used in a Point to Point or Point to MultiPoint system. The radio has a metal enclosure which offers enhanced protection from any external electromagnetic interference and has built-in surge protection to protect itself from lightening strikes and power surges.

The SIL LITE 240 has a built-in dual polarised 18dBi antenna, includes all the features of the standard SIL LITE and is upgradable to 500Mbps via a software key.



Data transmission		Features	
Maximum data transfer rate *	240 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	✓
<b>Antenna</b>		Mean time between failures (MTBF)	60000 h
Antenna design	Internal	<b>System requirements</b>	
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	<b>Power</b>	
<b>Wireless LAN features</b>		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	<b>Operational conditions</b>	
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
<b>Network</b>		Storage relative humidity (H-H)	0 - 95%
Ethernet LAN	✓	<b>Certificates</b>	
Ethernet LAN interface type	Gigabit Ethernet	Certification	CE, FCC
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Weight &amp; dimensions</b>	
		Antenna diameter	30 cm

Network		Weight & dimensions	
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	✓	<b>Packaging content</b>	
Dynamic IP	✓	Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Ports & interfaces		Grounding	✓
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	✓
Ethernet LAN (RJ-45) ports	1	Mounting bracket(s) included	✓
Security		Power supply included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMPv2, SSH	Antenna included	✓
MAC address filtering	✓	Quick installation guide	✓
Authentication method	WPA2 AES	Packaging data	
Management features		Package width	310 mm
Management protocols	SNMP V2	Package depth	395 mm
Web-based management	✓	Package height	100 mm
DHCP client	✓	Package weight	2.74 kg
Features		Package type	Box
Product type *	Network bridge	Quantity per pack	1 pc(s)
Product colour	White	Logistics data	
Remote control function	✓	UK Trade Tariff code	85176200
LED indicators	LAN, Signal strength	Country of origin	United Kingdom
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		



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