SILVERNET

SilverNet LITE 240 Network bridge 240 Mbit/s White

Brand : SilverNet

Product name : LITE 240

Product code: SIL 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

Maximum data transfer rate *	240 Mbit/s
Maximum transfer distance	6000 m
Supported data transfer rates	240, 500Mbps

Antenna

Antenna design	Internal
Antenna gain level (max)	18 dBi
Pan/tilt-axis range	180°
Antennas quantity	1

Wireless LAN features

Wi-Fi	✔
Wi-Fi band	Single-band (5 GHz)
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
WLAN data transfer rate (max)	1300 Mbit/s
Frequency band	5.1 - 5.8 GHz
Transmission gain	0 - 18 dB
Signal strength	-40 dBm
Channels quantity	25 channels
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps
Output power (dBm)	26
Indoor range	6000m
Outdoor range	6000m

Network

Ethernet LAN	✔
Ethernet LAN interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s

Features

Surge protection	✔
Quality of Service (QoS) support	✔
Network Time Protocol (NTP) client	✔
Mean time between failures (MTBF)	60000 h

System requirements

Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions

Power

Power source type	DC, PoE
AC input voltage	100-240 V
Power supply	15.4 W
DC input voltage	24-48/48-56 V
Power consumption (typical)	6 W
Power consumption (max)	16 W
Power over Ethernet (PoE)	✔
Power over Ethernet (PoE) voltage	48 V
Power plug type	Type G

Operational conditions

Operating temperature (T-T)	-20 - 70 °C
Operating temperature (T-T)	-4 - 158 °F
Operating relative humidity (H-H)	0 - 95%
Storage temperature (T-T)	-40 - 90 °C
Storage relative humidity (H-H)	0 - 95%

Certificates

Certification	CE, FCC

Weight & dimensions

Antenna diameter	30 cm

Network

Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x
Cabling technology	10/100/1000Base-T(X)
Full duplex	✔
Auto MDI/MDI-X	✔
Static IP	✔
Dynamic IP	✔

Ports & interfaces

Connectivity technology	Wired & Wireless
Ethernet LAN (RJ-45) ports	1

Security

Security algorithms	256-bit AES, 802.1x RADIUS, SNMPv2, SSH
MAC address filtering	✔
Authentication method	WPA2 AES

Management features

Management protocols	SNMP V2
Web-based management	✔
DHCP client	✔

Features

Product type *	Network bridge
Product colour	White
Remote control function	✔
LED indicators	LAN, Signal strength
Automatic Transmit Power Control (ATPC)	✔
Wall mountable	✔
Reset button	✔
International Protection (IP) code	IP67

Weight & dimensions

Width	215 mm
Depth	215 mm
Height	77 mm
Weight	1.6 kg

Packaging content

Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
Grounding	✔
PoE+ Injector(s)	✔
Mounting bracket(s) included	✔
Power supply included	✔
Antenna included	✔
Quick installation guide	✔

Packaging data

Package width	310 mm
Package depth	395 mm
Package height	100 mm
Package weight	2.74 kg
Package type	Box
Quantity per pack	1 pc(s)

Logistics data

UK Trade Tariff code	85176200
Country of origin	United Kingdom

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