SILVERNET

SilverNet MICRO 240 Network bridge 240 Mbit/s White

Brand : SilverNet

Product code: SIL MICRO 240

Product name : MICRO 240

- Point-to-Point Outdoor Wireless Bridge Up to 2KM
- Point-to-MultiPoint Client
- up to 240Mbps throughput
- Integrated 15dBi 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 upgradable to 500Mbps
240Mbps, MIMO, 5.1-5.8 GHz, 26 dBm, 14 dBi, RJ-45, PoE, 179x120x45mm, pre-configured

SilverNet MICRO 240 Network bridge 240 Mbit/s White:

The SIL MICRO 240 is a single 2km radio capable of 240Mbps throughput.
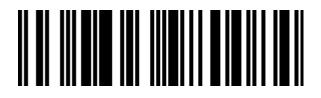It can be used in a Point to Point or Point to MultiPoint system.

Nominated in 2012 for 'Security Product of the Year'. The SIL MICRO 240 has a high MTBF and robust design. It has all the features of the SIL MICRO and is available in standard white with other colours available on special order.

Data transmission

Maximum data transfer rate *	240 Mbit/s
Maximum transfer distance	2000 m
Supported data transfer rates	240Mbps

Antenna

Antenna design	Internal
Antenna gain level (max)	14 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)	300 Mbit/s
Frequency band	5.1 - 5.8 GHz
Transmission gain	0 - 14 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	2000m
Outdoor range	2000m

Network

Ethernet LAN	✔
Ethernet LAN interface type	Gigabit Ethernet

Features

International Protection (IP) code	IP67
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%

Network

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
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	✔

Certificates

Certification	CE, FCC

Weight & dimensions

Antenna diameter	20.5 cm
Width	179 mm
Depth	120 mm
Height	45 mm
Weight	500 g

Packaging content

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

Packaging data

Package width	130 mm
Package depth	300 mm
Package height	100 mm
Package weight	1.42 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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