

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		Features	
Maximum data transfer rate *	240 Mbit/s	International Protection (IP) code	IP67
Maximum transfer distance	2000 m	Surge protection	✓
Supported data transfer rates	240Mbps	Quality of Service (QoS) support	✓
Antenna		Network Time Protocol (NTP) client	✓
Antenna design	Internal	Mean time between failures (MTBF)	60000 h
Antenna gain level (max)	14 dBi	System requirements	
Pan/tilt-axis range	180°	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Antennas quantity	1	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Wireless LAN features		Power	
Wi-Fi	✓	Power source type	DC, PoE
Wi-Fi band	Single-band (5 GHz)	AC input voltage	100-240 V
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Power supply	15.4 W
WLAN data transfer rate (max)	300 Mbit/s	DC input voltage	24-48/48-56 V
Frequency band	5.1 - 5.8 GHz	Power consumption (typical)	6 W
Transmission gain	0 - 14 dB	Power consumption (max)	16 W
Signal strength	-40 dBm	Power over Ethernet (PoE)	✓
Channels quantity	25 channels	Power over Ethernet (PoE) voltage	48 V
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Power plug type	Type G
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Operational conditions	
Output power (dBm)	26	Operating temperature (T-T)	-20 - 70 °C
Indoor range	2000m	Operating temperature (T-T)	-4 - 158 °F
Outdoor range	2000m	Operating relative humidity (H-H)	0 - 95%
Network		Storage temperature (T-T)	-40 - 90 °C
Ethernet LAN	✓	Storage relative humidity (H-H)	0 - 95%
Ethernet LAN interface type	Gigabit Ethernet	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Certification	CE, FCC
		Weight & dimensions	
		Antenna diameter	20.5 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	179 mm
Cabling technology	10/100/1000Base-T(X)	Depth	120 mm
Full duplex	✓	Height	45 mm
Auto MDI/MDI-X	✓	Weight	500 g
Static IP	✓	Packaging content	
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		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, SNMPv2, SSH	Quick installation guide	✓
MAC address filtering	✓	Packaging data	
Authentication method	WPA2 AES	Package width	130 mm
Management features		Package depth	300 mm
Management protocols	SNMP V2	Package height	100 mm
Web-based management	✓	Package weight	1.42 kg
DHCP client	✓	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	✓	Country of origin	United Kingdom
LED indicators	LAN, Signal strength		
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		



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