

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	Country of origin	United Kingdom
Pan/tilt-axis range	180°	System requirements	
Antennas quantity	1	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Wireless LAN features		Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Wi-Fi	✓	Power	
Wi-Fi band	Single-band (5 GHz)	Power source type	DC, PoE
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	AC input voltage	100-240 V
WLAN data transfer rate (max)	300 Mbit/s	Power supply	15.4 W
Frequency band	5.1 - 5.8 GHz	DC input voltage	24-48/48-56 V
Transmission gain	0 - 14 dB	Power consumption (typical)	6 W
Signal strength	-40 dBm	Power consumption (max)	16 W
Channels quantity	25 channels	Power over Ethernet (PoE)	✓
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Power over Ethernet (PoE) voltage	48 V
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	Power plug type	Type G
Output power (dBm)	26	Operational conditions	
Indoor range	2000m	Operating temperature (T-T)	-20 - 70 °C
Outdoor range	2000m	Operating temperature (T-T)	-4 - 158 °F
Network		Operating relative humidity (H-H)	0 - 95%
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 90 °C
Ethernet LAN interface type	Gigabit Ethernet	Storage relative humidity (H-H)	0 - 95%
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
		Certification	CE, FCC

Network		Weight & dimensions	
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x	Antenna diameter	20.5 cm
Cabling technology	10/100/1000Base-T(X)	Width	179 mm
Full duplex	✓	Depth	120 mm
Auto MDI/MDI-X	✓	Height	45 mm
Static IP	✓	Weight	500 g
Dynamic IP	✓	Packaging content	
Ports & interfaces		Packaging content	Includes 1 x radio, 1 x PoE injector PSU and 1 x Tilt and Swivel 3 Axis mounting bracket.
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	130 mm
Management protocols	SNMP V2	Package depth	300 mm
Web-based management	✓	Package height	100 mm
DHCP client	✓	Package weight	1.42 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		
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		



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