

## SilverNet SIL MICRO 240-PCP bridge/repeater Network bridge 240 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL MICRO 240-PCP

**Product name :** SIL MICRO 240-PCP

- Point-to-Point Outdoor Wireless Bridge Up to 2KM
- Point-to-MultiPoint Client
- 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 SIL MICRO 240-PCP. Maximum data transfer rate: 240 Mbit/s, Maximum transfer distance: 2000 m, Supported data transfer rates: 240Mbps. Antenna design: Internal, Antenna gain level (max): 14 dBi, Pan/tilt-axis range: 180°. Wi-Fi band: Single-band (5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac), WLAN data transfer rate (max): 300 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, 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. Connectivity technology: Wired & Wireless



Data transmission		Features	
Maximum data transfer rate *	240 Mbit/s	Surge protection	✓
Maximum transfer distance	2000 m	Quality of Service (QoS) support	✓
Supported data transfer rates	240Mbps	Wi-Fi Multimedia (WMM)/(WME)	✓
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	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 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		

<b>Network</b>		<b>Certificates</b>	
Ethernet LAN data rates	10,100,1000 Mbit/s	Certification	CE, FCC
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x	<b>Weight &amp; dimensions</b>	
Cabling technology	10/100/1000Base-T(X)	Antenna diameter	20.5 cm
Full duplex	✓	Width	179 mm
Auto MDI/MDI-X	✓	Depth	120 mm
Static IP	✓	Height	45 mm
Dynamic IP	✓	Weight	500 g
<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
Connectivity technology	Wired & Wireless	Packaging content	Includes 2 x radios, 2 x PoE injector PSU's and 2 x Tilt and Swivel 3 Axis mounting brackets.
Ethernet LAN (RJ-45) ports	1	PoE+ Injector(s)	✓
<b>Security</b>		Mounting bracket(s) included	✓
Security algorithms	128-bit AES, 256-bit AES	Power supply included	✓
Security features	802.1x, 802.11i, 802.1Q	Antenna included	✓
MAC address filtering	✓	Quick installation guide	✓
Authentication method	WPA2 AES	<b>Packaging data</b>	
<b>Management features</b>		Package width	285 mm
Management protocols	SNMP V2	Package depth	320 mm
Web-based management	✓	Package height	115 mm
DHCP client	✓	Package weight	3.02 kg
<b>Features</b>		Package type	Box
Product type *	Network bridge	Quantity per pack	1 pc(s)
Product colour	White	<b>Logistics data</b>	
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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