SilverNet Pico 95 Network bridge 95 Mbit/s White

Brand : SilverNet

Product name : Pico 95

Product code: SIL PICO 95-PCP X6

- Point-to-Point Outdoor Wireless Bridge Up to 1KM
- Integrated 12dBi Antenna
- Rugged 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
- SilverView Monitoring software Included
- WEB Management
- ONVIF Compliant
- Surge Protected Radio and PSU
- Rugged Mounting Brackets
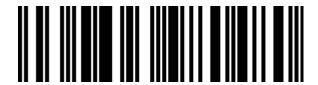- up to 95Mbps Throughput
95 Mbps up to 1 km single radio with built in dual polarised antenna box of 6

Data transmission

Maximum data transfer rate *	95 Mbit/s
Maximum transfer distance	1000 m
Supported data transfer rates	95Mbps

Antenna

Antenna design	Internal
Antenna gain level (max)	12 dBi
Pan/tilt-axis range	180°
Antennas quantity	1

Wireless LAN features

Wi-Fi	✔
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 - 12 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	1000m
Outdoor range	1000m

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	PoE
AC input voltage	100 - 240 V
Power supply	15.4 W
DC input voltage	24 - 48 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

Network

Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x, IEEE 802.3af
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	IP66

Weight & dimensions

Antenna diameter	16.5 cm
Width	119 mm
Depth	120 mm
Height	45 mm
Weight	300 g

Packaging content

PoE+ Injector(s)	✔
Mounting bracket(s) included	✔
Power supply included	✔
Antenna included	✔
Quick installation guide	✔

Other features

Commodity Classification Automated Tracking System (CCATS)	85176200

Packaging data

Package width	400 mm
Package depth	340 mm
Package height	580 mm
Package weight	13.9 kg
Package type	Box
Quantity per pack	12 pc(s)

Logistics data

Country of origin	United Kingdom

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