SILVERNET

SilverNet PICO 95 Network bridge 95 Mbit/s White

Brand : SilverNet

Product name : PICO 95

Product code: SIL PICO 95-PCP

- 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

95Mbps up to 1km complete radio link. Built in dual polarised antenna, Full duplex with up to 95Mbps usable bandwidth Includes 2 x radios, 2 x PoE injector PSU's and 2 x Basic brackets

Data transmission

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

Antenna

Antenna design	Internal
Antenna gain level (max)	12 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 4 (802.11n)
WLAN data transfer rate (max)	300 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	Fast Ethernet

Features

International Protection (IP) code	IP66
Surge protection	✔
Quality of Service (QoS) support	✔
Wi-Fi Multimedia (WMM)/(WME)	✔
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%

Network

Ethernet LAN data rates	10,100,1000 Mbit/s
Networking standards	IEEE 802.11a, 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	128-bit AES, 256-bit AES
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	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	✔

Packaging data

Package width	290 mm
Package depth	115 mm
Package height	320 mm
Package weight	2.16 kg
Package type	Box
Quantity per pack	2 pc(s)

Logistics data

UK Trade Tariff code	85176200
Country of origin	United Kingdom

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