![SilverNet]

SilverNet SIL FDD 805G-60-PCP bridge/repeater Network bridge 5000 Mbit/s White

Brand : SilverNet

Product code: SIL FDD 805G-60-PCP

Product name : SIL FDD 805G-60-PCP

- Point-to-Point Up to 5KM
- Up to 5Gbps throughput
- Channel bandwidth from 250 to 2000 MHz
- 4/16/32/64/128/256 QAM Modulation schemes
- Adaptive Coding and Modulation
- Power Over Ethernet
- 2.5Gbps optical interface
- Layer 1,2,3,4 Header Compression (up to + 200% throughput increase)
- Packet Fragmentation to minimize latency
- MEF Carrier Ethernet Services
- WRED support for congestion avoidance
- Flexible QoS definition based on VLAN, IPv4, IPv6, MPLS exp bits
- VLAN management and rewrite
- Jumbo Frames up to 10Kbytes
80 GHz, 5 Gbps 60 cm Dish full duplex capacity link, up to 5 km

Data transmission

Maximum data transfer rate *	5000 Mbit/s
Maximum transfer distance	5000 m

Antenna

Antenna design	External
Antennas quantity	1

Wireless LAN features

WLAN data transfer rate (max)	10000 Mbit/s
Frequency band	80GHz (71 - 76GHz, 81 - 86GHz)
Modulation	8-QAM, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM, BPSK
Receiver sensitivity	See Datasheet
Output power (dBm)	See Datasheet
Frequency stability	5 ppm
Outdoor range	5000

Network

Ethernet LAN	✔
Ethernet LAN interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s
Networking standards	IEEE 1588v2, IEEE 802.1ad, IEEE 802.1ag, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x
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	4

Security

Security algorithms	128-bit AES, 256-bit AES

Features

Network Time Protocol (NTP) client	✔
Flow control support	✔
RMON Statistics	✔
Link Loss Forwarding (LLF)	✔
Link aggregation	✔

System requirements

Minimum system requirements	Internet Explorer, Microsoft Edge, 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 consumption (typical)	32 W
Power consumption (max)	53 W
Power over Ethernet (PoE)	✔
Power over Ethernet (PoE) voltage	55 V
Power plug type	Type G

Operational conditions

Operating temperature (T-T)	-35 - 55 °C

Certificates

Certification	ETSI EN 302 217 / FCC CFR 47, Part 101 and Part 15

Weight & dimensions

Antenna diameter	60 cm
Weight	15.5 kg

Packaging content

Grounding	✔
PoE+ Injector(s)	✔
Mounting bracket(s) included	✔

Security

MAC address filtering	✔
Access Control List (ACL)	✔

Management features

Management protocols	SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS,
Web-based management	✔

Features

Product type *	Network bridge
Mounting type	Pole/Wall
Product colour	White
Power LED	✔
Real-Time Parameter Control (RTPC)	✔
Automatic Transmit Power Control (ATPC)	✔
International Protection (IP) code	IP67
Surge protection	✔
Quality of Service (QoS) support	✔

Packaging content

Power supply included	✔
Cables included	LAN (RJ-45)
Antenna included	✔
Manual	✔
Quick installation guide	✔

Other features

Warranty period	2 year(s)

Packaging data

Package width	700 mm
Package depth	700 mm
Package height	500 mm
Package weight	18.5 kg
Package type	Box
Quantity per pack	1 pc(s)

Logistics data

UK Trade Tariff code	85176200

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