SilverNet

SilverNet FDD 8010G-30-PCP Network bridge 10000 Mbit/s White

Brand : SilverNet

Product name : FDD 8010G-30-PCP

Product code: SIL FDD 8010G-30-PCP

- Point-to-Point Up to 2KM
- Up to 10 Gbps throughput
- Channel bandwidth from 250 to 1.000 MHz
- 4/16/64 QAM Modulation schemes
- Adaptive Coding and Modulation
- Power Over Ethernet
- 10Gbps optical interface
- Layer1,2,3,4 Header Compression (upto + 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, 10 Gbps 30 cm Dish full duplex capacity link, up to 2 km

Data transmission

Maximum data transfer rate *	10000 Mbit/s
Maximum transfer distance	2000 m

Antenna

Antenna design	External
Antennas quantity	2

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	2000

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	✔
Point-to-point protocol over Ethernet (PPPoE)	✔

Ports & interfaces

Connectivity technology	Wired & Wireless
Ethernet LAN (RJ-45) ports	4

Features

International Protection (IP) code	IP67
Surge protection	✔
Quality of Service (QoS) support	✔
Network Time Protocol (NTP) client	✔
Flow control support	✔
RMON Statistics	✔
Link Loss Forwarding (LLF)	✔
Link aggregation	✔

Power

Power source type	PoE
AC input voltage	100-240 V
Power consumption (typical)	60 W
Power consumption (max)	60 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	30 cm
Weight	12.5 kg

Packaging content

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

Security

Security algorithms	128-bit AES, 256-bit AES
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)	✔

Packaging content

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

Other features

Warranty period	2 year(s)

Packaging data

Package width	400 mm
Package depth	400 mm
Package height	500 mm
Package weight	1.55 kg
Package type	Box
Quantity per pack	1 pc(s)

Logistics data

UK Trade Tariff code	85176200

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