SILVERNET

# SilverNet FDD 801G-60-PCP Network bridge 1000 Mbit/s White

**Brand :** SilverNet

**Product name :** FDD 801G-60-PCP

**Product code:** SIL FDD 801G-60-PCP

- Point-to-Point Up to 5KM
- Up to 1 Gbps throughput
- Channel bandwidth from 250 to 1.000 MHz
- 4/16/64 QAM Modulation schemes
- Adaptive Coding and Modulation
- Power Over Ethernet
- Gigabit Ethernet or STM-1 interfaces
- Layer1,2,3,4 Header Compression (upto + 200% throughput increase)
- "Fiber Mode" operation for 2x Gigabit Ethernet transparent wire speed connections
- 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, 1 Gbps 60 cm Dish full duplex capacity link, up to 5 km

## Data transmission

| | |
|---|---|
| Maximum data transfer rate * | 1000 Mbit/s |
| Maximum transfer distance | 5000 m |

## Antenna

| | |
|---|---|
| Antenna design | External |
| Antennas quantity | 2 |

## Wireless LAN features

| | |
|---|---|
| WLAN data transfer rate (max) | 1000 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 |

## 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 | 2 |

## Security

| | |
|---|---|
| Security algorithms | 128-bit AES, 256-bit AES |
| MAC address filtering | ✔ |

## Features

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

## System requirements

| | |
|---|---|
| Minimum system requirements | Web Browser |
| 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

| | |
|---|---|
| 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 | IP65 |
| 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 | 2 pc(s) |

## Logistics data

| | |
|---|---|
| UK Trade Tariff code | 85176200 |

5060693980879