

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

**Brand :** SilverNet

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

**Product name :** 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             |   | Features                           |  |
|-------------------------------|---|------------------------------------|--|
| Maximum data transfer rate *  | 1000 Mbit/s   | Network Time Protocol (NTP) client | ✓  |
| Maximum transfer distance     | 5000 m  | Flow control support               | ✓  |
| Antenna                       |   | RMON Statistics                    | ✓  |
| Antenna design                | External  | Link Loss Forwarding (LLF)         | ✓  |
| Antennas quantity             | 2   | Link aggregation                   | ✓  |
| Wireless LAN features         |   | System requirements                |  |
| WLAN data transfer rate (max) | 1000 Mbit/s   | Minimum system requirements        | Web Browser  |
| Frequency band                | 80GHz (71 - 76GHz, 81 - 86GHz)  | Compatible operating systems       | Microsoft Windows, Mac OS, Linux Distributions     |
| Modulation                    | 8-QAM, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM, BPSK                           | Power                              |  |
| Receiver sensitivity          | See Datasheet   | Power source type                  | PoE  |
| Output power (dBm)            | See Datasheet   | AC input voltage                   | 100-240 V  |
| Frequency stability           | 5 ppm   | Power consumption (typical)        | 32 W   |
| Network                       |   | Power consumption (max)            | 53 W   |
| Ethernet LAN                  | ✓   | Power over Ethernet (PoE)          | ✓  |
| Ethernet LAN interface type   | Gigabit Ethernet  | Power over Ethernet (PoE) voltage  | 55 V   |
| Ethernet LAN data rates       | 10,100,1000 Mbit/s  | Power plug type                    | Type G   |
| Networking standards          | IEEE 1588v2, IEEE 802.1ad, IEEE 802.1ag, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x | Operational conditions             |  |
| Cabling technology            | 10/100/1000Base-T(X)  | Operating temperature (T-T)        | -35 - 55 °C  |
| Full duplex                   | ✓   | Certificates                       |  |
| Auto MDI/MDI-X                | ✓   | Certification                      | ETSI EN 302 217 / FCC CFR 47, Part 101 and Part 15 |
| Static IP                     | ✓   | Weight & dimensions                |  |
| Dynamic IP                    | ✓   | Antenna diameter                   | 60 cm  |
| Ports & interfaces            |   | Weight                             | 15.5 kg  |
| Connectivity technology       | Wired & Wireless  | Packaging content                  |  |
| Ethernet LAN (RJ-45) ports    | 2   | Grounding                          | ✓  |
| Security                      |   | PoE+ Injector(s)                   | ✓  |
| Security algorithms           | 128-bit AES, 256-bit AES  | Mounting bracket(s) included       | ✓  |
| MAC address filtering         | ✓   | Power supply included              | ✓  |
| Access Control List (ACL)     | ✓   | Cables included                    | LAN (RJ-45)  |
| Management features           |   | Antenna included                   | ✓  |
|                               |   | Manual                             | ✓  |
|                               |   | Quick installation guide           | ✓  |

| Management features                     |   | Other features        |           |
|---|---|-----------------------|-----------|
| Management protocols                    | SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS, | Warranty period       | 2 year(s) |
| Web-based management                    | ✓   | <b>Packaging data</b> |           |
| <b>Features</b>                         |   | Package width         | 700 mm    |
| Product type *                          | Network bridge                            | Package depth         | 700 mm    |
| Mounting type                           | Pole/Wall                                 | Package height        | 500 mm    |
| Product colour                          | White                                     | Package weight        | 18.5 kg   |
| Power LED                               | ✓   | Package type          | Box       |
| Real-Time Parameter Control (RTPC)      | ✓   | Quantity per pack     | 2 pc(s)   |
| Automatic Transmit Power Control (ATPC) | ✓   | <b>Logistics data</b> |           |
| International Protection (IP) code      | IP65                                      | UK Trade Tariff code  | 85176200  |
| Surge protection                        | ✓   |                       |           |
| Quality of Service (QoS) support        | ✓   |                       |           |



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