# SilverNet FDD 802G-30-PCP Network bridge 2000 Mbit/s White

**Brand :** SilverNet

**Product name :** FDD 802G-30-PCP

**Product code:** SIL FDD 802G-30-PCP

- Point-to-Point Up to 2KM
- Up to 2Gbps 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
SIL FDD 802G-30-PCP, 80GHz 2Gbps FDD 30cm Antenna

## Data transmission

| | |
|---|---|
| Maximum data transfer rate * | 2000 Mbit/s |
| Maximum transfer distance | 2000 m |

## Antenna

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

## Wireless LAN features

| | |
|---|---|
| WLAN data transfer rate (max) | 2000 Mbit/s |
| Frequency band | 80GHz (71 - 76GHz, 81 - 86GHz) |
| Modulation | 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM |
| Receiver sensitivity | See Datasheet |
| Output power (dBm) | See Datasheet |
| Frequency stability | 5 ppm |
| Outdoor range | 2000m |

## 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 | 256-bit AES |
| MAC address filtering | ✓ |
| Access Control List (ACL) | ✓ |

## 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 | 30 cm |
| Width | 290 mm |
| Depth | 302.5 mm |
| Height | 117.6 mm |
| Weight | 12.5 kg |

## Packaging content

| | |
|---|---|
| Grounding | ✓ |
| PoE+ Injector(s) | ✓ |
| Mounting bracket(s) included | ✓ |
| Power supply included | ✓ |
| Cables included | LAN (RJ-45) |

## 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 |
| LED indicators | LAN, Power |
| 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

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

## Logistics data

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

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