

1GE + 300 Mbps Wi-Fi Router FS-801GW

Highlights:

- ✓ PON Port
- ✓ LAN Port
- ✓ RST (Reset Button)
- ✓ PWR (DC12 V)



Product Overview:

FibRSol **FS-801GW** Router devices are designed for fulfilling FTTX and internet service demand of fixed network operators or cable operators. The box is based on the mature Gigabit Router technology, which have high ratio of performance to price, and technology of 802.11n WiFi (2T2R), Layer 2/3, and high quality Range as well. They are highly reliable and easy to maintain, with guaranteed QoS for different service. and it is fully compliant with technical regulations such as ITU-T G.984.x.

General Description:

- ✓ Support TR069, NAT, DMZ, DNS features
- ✓ Support Multiple ssid
- ✓ Support Multiple VLAN

Features:

- ✓ Support IPV6, PPPoE, DHCP and static IP configuration for WAN Interface.
- ✓ Support IP, MAC Filtering, Firewall Functionality in routed mode

Hardware Spec

PON Port: Connect PON port with internet by SC type, Router mode fiber cable

LAN Port:

RJ45 port connects to local internet, 1GE port automatically

Reset button (RST): Press down reset button and keep 5 seconds to make the device restart and recover from the factory default settings

PWR port (DC12 V):

Connect with power adapter

Physical structure, Environment and Electrical Parameter

Parameter: Nominal

Dimension: 180mmx 115mmx30mm (LxWxH)

Net weight: 0.2kg

Typical power consumption: <5W

Noise: None

Cooling Style: Naturally Cooling

Power Supply: 12V DC (By external AC/DC adapter)

Installation style: Support PC, wall mount or put inside of information box

Environment: -5~50°C

Atmospheric Pressure: 70~106Kpa

MTBF: 50,000hours

MTTR: 30minutes

Connector Style: SC/PC

Software Spec

PON quantity: 1

Fiber Style: Single Mode

Wavelength: TX:1310 +/- 20nm & RX: 1490 +/- 10nm

PON Interface standard:

ITU-T G.984.2/ITU-T G.984.3/ITU-TG.988 Class B+

PON Interface receiving rate: 2.488Gbps

PON interface transmitting rate: 1.244Gbps

Output optical power: Min: 0.5dBm **Max:** +5dBm

Optical receiver sensitivity: Precede -29dBm

The length of the optical link: Max: 20km

WiFi Specifications:

Standard: IEEE 802.11 b/g/n

Frequency: 2.4 ~ 2.4835GHz

Transmission Speed: IEEE 802.11b/IEEE802.11g/IEEE802.11n

Channel Number: 13

Spread-spectrum Technique: DSSS (Direct sequence spread spectrum)

Transmission Distance: Indoor Maximum 120 meters, Outdoor Maximum 360 meters

RF Power : 20dBm EIRP

Ordering Information:

Model	Description
FS-801GW	1GE + 300 Mbps Wi-Fi Router