

# 150Mbps Wireless N SOHO Fiber Router 802.11n/b/g (1T\*1R)

## Model No. F1

F1 is a wireless N Fiber Router with 1 high gain antenna. It allows users to access Internet by DHCP/PPPoE/Static IP and can deliver up to 150Mbps wireless data rate. With the fiber-optic WAN port, this device makes user access internet in an easy, enjoyable and secure way better than ever. Besides, it is good for simultaneously IPTV experience and Internet surfing via VLAN function. So it is a high performance and cost-effective solution for users connecting Internet by fiber-optic.



## Features

- Complies with IEEE 802.11n/g/b standards for 2.4GHz Wireless LAN.
- Up to 150Mbps data rate for Wi-Fi network.
- One fiber WAN port for fiber optical network connection.
- Supports PPPoE, DHCP, Static IP, PPTP and L2TP broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 (TKIP+AES) security.
- Connects to secure network easily and fast using WPS.
- Multiple APs function allows users to add more SSIDs accordingly.
- The IP, MAC, Port and URL filtering makes access and time control more flexibly.
- Supports VPN Pass-Through based on IPSec/PPTP/L2TP/IPv6.
- Repeater function expands the wireless coverage and allows more terminals to access Internet.
- VLAN function makes the network management more secure and efficient.
- QoS function allocates network bandwidth reasonably.

## Specifications

Hardware	
<b>Interface</b>	- 4 *10/100Mbps LAN Ports - 1 *10/100Mbps Fiber WAN Port
<b>Power Supply</b>	- 9V DC/0.8A
<b>Button</b>	- RST/WPS Button
<b>LED Indicators</b>	- 1 *Power, 1 *WPS, 1 *Wireless, 1 *WAN, 4 *LAN
<b>Dimensions</b>	- 133mm x 96.7mm x 24.2mm (L x W x H )
<b>Antenna</b>	- 1 *5dBi Detachable Antenna
<b>Environment</b>	- Operating Temperature: 0℃~55℃ (32°F~131°F) - Storage Temperature: -20~65℃ (-4°F~149°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing
Wireless	
<b>Standards</b>	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
<b>RF Frequency</b>	- 2.4~2.4835GHz
<b>Data Rate</b>	- 802.11n: Up to 150Mbps - 802.11g: Up to 54Mbps (dynamic) - 802.11b: Up to 11Mbps (dynamic)
<b>Wireless Security</b>	- 64/128-bit WEP, WPA/WPA2 (AES/TKIP)
<b>Output Power</b>	- 20dBm (Max.)
<b>Channels</b>	- 1-11 (North America), 1-13 (General Europe), 1-14 (Japan)
<b>Modulation Type</b>	- DBPSK, DQPSK, CCK and OFDM (BPSK, QPSK, 16-QAM/ 64-QAM)
<b>Reception Sensitivity</b>	- 135M: -65 dBm@10% PER - 54M: -68 dBm@10% PER - 11M: -85 dBm@8% PER - 6M: -88 dBm@10% PER - 1M: -90 dBm@8% PER

Software	
<b>System Status</b>	- LAN, WAN, WLAN and other Status
<b>Quick Setup</b>	
<b>Operation Mode</b>	- Gateway/Bridge/Wireless ISP
<b>Wireless</b>	<ul style="list-style-type: none"> <li>- Basic Settings</li> <li>- Advanced Settings</li> <li>- Security Settings</li> <li>- Access Control</li> <li>- Site Survey</li> <li>- WDS</li> <li>- WPS</li> <li>- Schedule</li> </ul>
<b>TCP/IP Settings</b>	<ul style="list-style-type: none"> <li>- LAN Port/WAN Port</li> <li>- Advanced Settings</li> <li>- Route Settings; Dynamic Route/Static Route</li> <li>- Alias IP</li> <li>- DHCP &amp; ARP Tables</li> <li>- VLAN</li> </ul>
<b>Firewall</b>	<ul style="list-style-type: none"> <li>- IP/Port/MAC/URL Filtering</li> <li>- Port Forwarding</li> <li>- DMZ</li> <li>- QoS</li> <li>- NAT Mapping</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>- Traffic Statistic</li> <li>- DDNS</li> <li>- Time Zone Settings</li> <li>- Denial-of-Service</li> <li>- Run Command</li> <li>- Log</li> <li>- Upgrade Firmware</li> <li>- Save/Reload Settings</li> <li>- Password</li> <li>- Reboot</li> <li>- TR-069</li> </ul>