

# 300Mbps Wireless N SOHO Fiber Router 802.11n/b/g (2T\*2R)

## Model No. F2

F2 is a wireless N Fiber Router which provides ultra-fast network experience to multiple devices via wired or wireless connection. With the fiber-optic WAN port, it makes users access internet in an easy, enjoyable and secure way better than ever. It can deliver up to 300Mbps wireless data rate so that users can enjoy smooth network activities like chatting, emailing or online gaming. It is good for IPTV experience and Internet surfing via VLAN function simultaneously.



## 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.
- 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/ 0.8 A
<b>Button</b>	- RST/WPS Button - Power ON/OFF Button
<b>LED Indicators</b>	- 1 *Power, 1 * WPS , 1 *Wireless, 1 *WAN, 4 *LAN
<b>Antenna</b>	- 2 *5dBi Fixed Antenna
<b>Environment</b>	- Operating Temperature: 0°C ~55 °C (32 °F ~131 °F ) - Storage Temperature: -20~65 °C (-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 300Mbps - 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>Status</b>	<ul style="list-style-type: none"> <li>- System Status</li> <li>- Statistics</li> <li>- System Log</li> </ul>
<b>Setup Wizard</b>	<ul style="list-style-type: none"> <li>- Setup Wizard</li> </ul>
<b>Quick Setup</b>	<ul style="list-style-type: none"> <li>- Quick setup</li> </ul>
<b>TCP/IP Settings</b>	<ul style="list-style-type: none"> <li>- LAN Interface</li> <li>- WAN Interface: DHCP Client, Static IP, PPPoE, PPTP and L2TP</li> <li>- VLAN Settings</li> </ul>
<b>Wireless</b>	<ul style="list-style-type: none"> <li>- Basic Settings(including Band, Mode, SSID, Multiple APs, etc.)</li> <li>- Security Settings</li> <li>- Site Survey</li> <li>- WDS</li> <li>- Advanced Settings</li> <li>- Access Control</li> <li>- WPS</li> <li>- Schedule</li> </ul>
<b>Route Setup</b>	<ul style="list-style-type: none"> <li>- Static Route</li> <li>- Routing Table</li> </ul>
<b>Firewall</b>	<ul style="list-style-type: none"> <li>- IP Filtering</li> <li>- Port Filtering</li> <li>- MAC Filtering</li> <li>- URL Filtering</li> <li>- Port Forwarding</li> <li>- DMZ</li> <li>- Denial - of - Service</li> <li>- NAT Mapping</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>- Upgrade Firmware</li> <li>- Save/Reload Settings</li> <li>- Web Login Password</li> <li>- TR-069 config</li> <li>- Date and Time</li> <li>- Reboot Router</li> <li>- Reboot Schedule</li> </ul>
<b>Advanced</b>	<ul style="list-style-type: none"> <li>- DDNS</li> <li>- QoS</li> <li>- Operation Mode</li> <li>- SSH Server</li> </ul>