



## Easy to Set Up and Secure

Sharing your Internet connection doesn't have to be a complicated process - just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Configure, apply, and set up wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords.

## Security

The wireless router DIR-825M includes a built-in firewall. The advanced security functions minimize threats of hacker attacks, preventing unwanted intrusions to your network, and blocking access to unwanted websites for users of your LAN.

### Technical Specifications

Hardware	
Device Interface	<ul style="list-style-type: none"> <li>• 1x 10/100/1000 WAN Ethernet</li> <li>• 4x 10/100/1000 LAN Ethernet</li> <li>• 1x USB 2.0</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Internet</li> <li>• 4 LAN LEDs</li> <li>• USB</li> <li>• 2.4GHz WLAN</li> <li>• 5GHz WLAN</li> <li>• WPS</li> </ul>
Buttons	<ul style="list-style-type: none"> <li>• POWER button to power on/power off</li> <li>• WPS button to set up wireless connection</li> <li>• RESET button to restore factory default settings</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• 2x 5dBi 2.4GHz External Antennas</li> <li>• 2x 5dBi 5GHz External Antennas</li> </ul>
Power connector	<ul style="list-style-type: none"> <li>• Power input connector (DC)</li> </ul>
CPU frequency	<ul style="list-style-type: none"> <li>• Single core 1GHz</li> </ul>
Software	
WAN connection types	<ul style="list-style-type: none"> <li>• PPPoE</li> <li>• PPPoE Dual Stack</li> <li>• Static IP</li> <li>• Dynamic IP</li> <li>• PPPoE + Static IP (PPPoE Dual Access)</li> <li>• PPPoE + Dynamic IP (PPPoE Dual Access)</li> </ul>
Network functions	<ul style="list-style-type: none"> <li>• DHCP server/client</li> <li>• Dynamic DNS</li> <li>• Static routing</li> </ul>
Firewall functions	<ul style="list-style-type: none"> <li>• Network Address Translation (NAT)</li> <li>• Stateful Packet Inspection (SPI)</li> <li>• URL filter</li> <li>• MAC filter</li> <li>• IP filtering</li> <li>• Port filtering</li> <li>• DMZ and Port forwarding (Virtual server)</li> <li>• NAPT and ALG</li> <li>• Denial of Service (DoS) protection</li> </ul>
VPN	<ul style="list-style-type: none"> <li>• PPTP/L2TP/GRE VPN Client</li> <li>• IPSec/PPTP/L2TP pass-through</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Firmware update via web-based interface</li> <li>• Saving/restoring configuration to/from file</li> <li>• Access settings through WEB GUI</li> <li>• Automatic NTP Date/time from Internet Time Server</li> <li>• TR-069 remote management</li> <li>• Logs and statistics</li> </ul>

Wireless Module Parameters	
Standards	<ul style="list-style-type: none"> <li>IEEE 802.11 a/b/g/n/ac</li> </ul>
Frequency range	<ul style="list-style-type: none"> <li>2.4GHz: 2.4~2.4835GHz</li> <li>5GHz: 5.150~5.825GHz</li> </ul>
Wireless connection security	<ul style="list-style-type: none"> <li>The Latest 128-bit Personal/192-bit Enterprise Wi-Fi Encryption</li> <li>MAC filter</li> <li>WPS (PBC/PIN)</li> </ul>
Advanced functions	<ul style="list-style-type: none"> <li>Wireless Client Mode</li> <li>Wireless AP Mode</li> <li>Wireless Repeater Mode</li> <li>WISP Mode</li> <li>Mesh Ready</li> <li>Multiple SSID's</li> <li>Wireless Schedule</li> <li>FTP Server</li> </ul>
Transfer rate	<ul style="list-style-type: none"> <li>2.4GHz: up to 300Mbps</li> <li>5GHz: up to 867Mbps</li> </ul>
Software	
Modulation schemes	<ul style="list-style-type: none"> <li>OFDM = BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM</li> <li>DSSS = DBPSK, DQPSK, CCK</li> </ul>
Physical Parameters	
Dimensions (L x W x H)	<ul style="list-style-type: none"> <li>197 x 133.86 x 44.26</li> </ul>
Operating Environment	
Power	<ul style="list-style-type: none"> <li>Input: 12V DC, 1A</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating: from 0 to 40 °C</li> <li>Storage: from -30 to 70 °C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: from 5% to 95% (non-condensing)</li> </ul>

Order Information	
Part Number	Description
DIR-825M	AC1200 MU-MIMO Gigabit Router