

## Product Highlights

### Wireless AC and Ethernet

Get the most out of your broadband connection by enjoying high-bandwidth applications like HD, 4K, and 3D video anywhere in your home

### Dual-band Wi-Fi for Seamless Performance

Two concurrent wireless networks for higher bandwidth, improved range, and backward compatibility

### Mesh Ready

Supports Easy Mesh



## DIR-812M

# AC1200 Dual Band Wi-Fi Router

## Features

### High-Speed Connectivity

- 802.11ac MU-MIMO wireless delivers blazing fast wireless connectivity with increased range and reliability
- 1 x 10/100 Ethernet WAN port for fast paced Internet access
- 3 x 10/100 Ethernet LAN ports give you high-speed wired connectivity

### Secure Wireless Connection

- Supports the latest WPA/WPA2/WPA3 Encryption

### Flexible Bandwidth

- Concurrent dual-band wireless for connections up to 1200 Mbps<sup>1</sup>
- Client bandwidth management
- Beamforming

### Setup and Management

- Multiple Operating Modes Router / Access Point / Repeater / Wi-Fi Client
- Web browser-based setup and configuration
- Intuitive setup wizard to guide you through the configuration process
- Firewall and access control options to prevent attacks and restrict access to your network

The DIR-812M AC1200 MU-MIMO Wi-Fi Router is a powerful wireless networking solution designed for Small Office/Home Office (SOHO) environments. By combining high-speed 802.11ac Wi-Fi with dual-band technology and Ethernet ports, the DIR-812M provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs. The DIR-812M's SOHO-class advanced security features keep data safe from unwanted network intruders. This together with the increased range and reliability of Wireless AC technology, helps provide a safe and secure network for devices further into your home or office.

## High-Speed Wired and Wireless Connectivity

The DIR-812M AC1200 MU-MIMO Wi-Fi Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1200 Mbps<sup>1</sup> so you can meet the ever-greater demand from multimedia applications. Enjoy seamless high definition streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home or office. The new DIR-812M AC 1200 Dual Band Wi-Fi Router also offers a built-in Wireless repeater mode and by combining two or more DIR-812M's can be set up to function as a Mesh solution. In addition, 10/100/1000 Ethernet ports give you solid, dependable wired performance for devices such as Network-Attached Storage (NAS), media centers, and gaming consoles.

## Dual-Band Wireless for Seamless Performance

The DIR-812M AC1200 Dual Band Wi-Fi Router features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web or make important Internet phone calls on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without compromising the security of your SOHO network.

## 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	
General	
Device Interface	<ul style="list-style-type: none"> <li>• 2 x RJ45 10M/100M LAN Ethernet interfaces</li> <li>• 1 x RJ45 10M/100M WAN Ethernet interfaces</li> <li>• 1 x Power Led</li> <li>• 1 x Internet Led (red and green)</li> <li>• 1 x Reset button(WPS button)</li> <li>• 1 x Power Jack</li> <li>• 1x wifi Led</li> <li>• 1 x ETH Led</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• 4 x 5dBi external antenna</li> </ul>
Power connector	<ul style="list-style-type: none"> <li>• Power input connector (DC)</li> </ul>
Functionality	
WAN connection types	<ul style="list-style-type: none"> <li>• PPPoE</li> <li>• Static IP</li> <li>• Dynamic IP</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>
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>• Logs and statistics</li> <li>• IPSec/PPTP/L2TP pass-through</li> <li>• Support TR-069*</li> </ul>

Wireless Parameters	
Standards	<ul style="list-style-type: none"> <li>IEEE 802.11 a/b/g/n/ac</li> </ul>
Frequency & Data Rate	<ul style="list-style-type: none"> <li>2.4GHz: up to 300Mbps</li> <li>5GHz: up to 867Mbps</li> </ul>
Wireless connection security	<ul style="list-style-type: none"> <li>WPA/WPA2/WPA3 Encryption</li> <li>MAC filter</li> <li>WPS</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>Multiple SSID's</li> <li>Wireless Schedule</li> </ul>
Physical Parameters	
Dimensions	<ul style="list-style-type: none"> <li>105*105*31.5mm</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: 0 ~ 40 degrees °C</li> <li>Storage: -20 ~ 70 degrees °C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 10 ~ 90% (non-condensing) Storage: 5 ~ 95% (non-condensing)</li> </ul>
Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-812M	AC1200 Dual Band Wi-Fi Router

\* with supported firmware version