

Product Highlights

High Speed networking

Total wireless connection rate of up to 1200Mbps for effortless connectivity whether you're surfing the web or using it for bandwidth heavy gaming.

Dual Band for reduced interference

Simultaneous operation in 5GHz band and 2.4GHz band, 802.11a/b/g/n/ac compatible.

Easy Mesh function

Create a Mesh network by linking up two DIR-825M's with Easy Mesh



DIR-825M

Wireless AC1200 Dual-Band Gigabit Router

Features

High-Speed Connectivity

- 802.11ac wireless delivers blazing fast wireless connectivity with increased range and reliability
- 10/100/1000 Gigabit Ethernet WAN port for fast paced Internet access
- Four 10/100/1000 Gigabit Ethernet LAN ports give you high-speed wired connectivity
- USB 2.0 for local network sharing
- Easy Mesh capability

Flexible Bandwidth

- Concurrent dual-band wireless for connections up to 1200 Mbps¹
- QoS engine to prioritize important traffic and deliver uninterrupted bandwidth

Setup and Management

- 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-825M AC1200 Wi-Fi Gigabit 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 Gigabit Ethernet ports, the DIR-825M provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs. The DIR-825M'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-825M AC1200 Wi-Fi Gigabit Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1200 Mbps¹ 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-825M AC1200 Wi-Fi Gigabit Router also offers a built in Wireless repeater mode and by combining two DIR-825M's can be set up to function as a Mesh solution with the Easy Mesh function.

In addition, 10/100/1000 Gigabit 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-825 AC1200 Wi-Fi Gigabit 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.

1. Up to 300Mbps for 2.4GHz and up to 867Mbps for 5GHz.

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 WPA/WPA2 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"> • 1x 10/100/1000 WAN Ethernet • 4x 10/100/1000 LAN Ethernet • 1x USB 2.0
LEDs	<ul style="list-style-type: none"> • Power • Internet • 4 LAN LEDs • USB • 2.4G WLAN • 5G WLAN • WPS
Buttons	<ul style="list-style-type: none"> • POWER button to power on/power off • WPS button to set up wireless connection • RESET button to restore factory default settings
Antenna	<ul style="list-style-type: none"> • 2x external 2.4G fixed antenna • 2x external 5G fixed antenna
Power connector	<ul style="list-style-type: none"> • Power input connector (DC)
CPU frequency	<ul style="list-style-type: none"> • Single core 1GHz
Software	
WAN connection types	<ul style="list-style-type: none"> • PPPoE • IPv6 PPPoE • PPPoE Dual Stack • Static IPv4 / Dynamic IPv4 • Static IPv6 / Dynamic IPv6 • PPPoE + Static IP (PPPoE Dual Access) • PPPoE + Dynamic IP (PPPoE Dual Access) • PPTP/L2TP + Static IP • PPTP/L2TP + Dynamic IP
Network functions	<ul style="list-style-type: none"> • DHCP server/client • Dynamic DNS • IGMP proxy and MLD for IPTV • Static routing
Firewall functions	<ul style="list-style-type: none"> • Network Address Translation (NAT) • Stateful Packet Inspection (SPI) • URL filter • MAC filter • IP filtering • Port filtering • DMZ and Port forwarding(Virtual server) • NAT and ALG • Denial of Service (DoS) protection
VPN	<ul style="list-style-type: none"> • IPsec/PPTP/L2TP • OPENSWAN VPN
Management	<ul style="list-style-type: none"> • Firmware update via web-based interface • Saving/restoring configuration to/from file • Access settings through WEB GUI • Automatic SNTP Date/time from Internet Time Server • TR-069 remote management • Logs and statistics

Wireless Module Parameters	
Standards	<ul style="list-style-type: none"> IEEE 802.11b/g/n/ac
Frequency range	<ul style="list-style-type: none"> 11N: 2.4~2.4835GHz 11AC: 5.150~5.825GHZ
Wireless connection security	<ul style="list-style-type: none"> WEP WPA/WPA2 (Personal/Enterprise) MAC filter WPS (PBC/PIN)
Advanced functions	<ul style="list-style-type: none"> Support of client mode QOS Flow Control IEEE802.1p Easy mesh Embedded AP with 4 SSIDs Wireless WDS Wireless Repeater Wireless schedule IPoE (a.k.a IP over Ethernet over AAL5) Separate authentication for each SSID IPv6
Transfer rate	<ul style="list-style-type: none"> HT20: up to 144 Mbps HT40: up to 300 Mbps VHT80: up to 867Mbps
Other functions	<ul style="list-style-type: none"> RFC0768 UDP RFC0791 IP RFC0792 ICMP RFC0793 TCP RFC0826 Ethernet ARP RFC0894 IP over Ethernet RFC0922 Broadcasting Internet Datagrams RFC0950 Internet Standard Subnetting IEEE802.3 Ethertype RFC2516 PPP Over Ethernet (PPPoE) RFC1662 PPP in HDLC-like Framing RFC1332 PPP Internet Protocol Control Protocol RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks
Software	
Modulation schemes	<ul style="list-style-type: none"> OFDM = BPSK, QPSK, 16-QAM, 64-QAM 256-QAMc DSSS = DBPSK, DQPSK, CCK
Physical Parameters	
Dimensions (L x W x H)	<ul style="list-style-type: none"> 197 x 132x 37 mm
Operating Environment	
Power	<ul style="list-style-type: none"> Output: 12V DC, 1.5A
Temperature	<ul style="list-style-type: none"> Operating: from 0 to 40 °C Storage: from -20 to 90 °C
Humidity	<ul style="list-style-type: none"> Operating: from 5% to 95% (non-condensing)