

Product Highlights

Total Security

A complete set of security features including a firewall, access control, and parental control protects your network

High Performance and Convenience

Supports Fast Ethernet speeds and Quality of Service (QoS) to make your network faster; easy for users to set up a home or small office network

Connect up to Four Devices

Four integrated LAN ports allow you to connect multiple computers and devices to access a network



DIR-100

Ethernet Broadband Router

Features

Connectivity

- IEEE802.3
- IEEE802.3u Fast Ethernet
- IEEE802.3x Flow Control in Full Duplex Mode
- 10/100 Mbps Ethernet WAN port to connect to broadband Internet
- Four 10/100 Mbps Ethernet LAN ports to connect wired devices for high-speed activities

Security Features

- Firewall
 - SPI (Stateful Packet Inspection)
 - MAC Address Filtering
 - Anti-Spoofing
 - DMZ Support
- Access Control to limit network access or filter out specific web sites

Versatile Support

- Easy Setup Wizard for simple setup and configuration via online interface
- Quality of Service (QoS) Engine prioritizes data packets to ensure fast multimedia and VoIP
- Port Forwarding
- Universal Plug and Play (UPnP) compliant

The DIR-100 Ethernet Broadband Router is ideal for letting you set up a home or small office network with a broadband Internet connection through a DSL or cable modem. The DIR-100 provides easy setup, fast Internet connectivity, and strong security measures.

Reliable Network Performance and Management

The Ethernet Broadband Router features an Ethernet port and four LAN ports, allowing you to share a fast, reliable Internet connection with up to four devices in your home or office. The DIR-100 supports Network Address Translation (NAT), which allows multiple users to connect to the Internet by sharing a single IP address. The DIR-100's web-based configuration interface allows you to set up or configure the router and network settings easily and conveniently from your computer.

Total Network Security

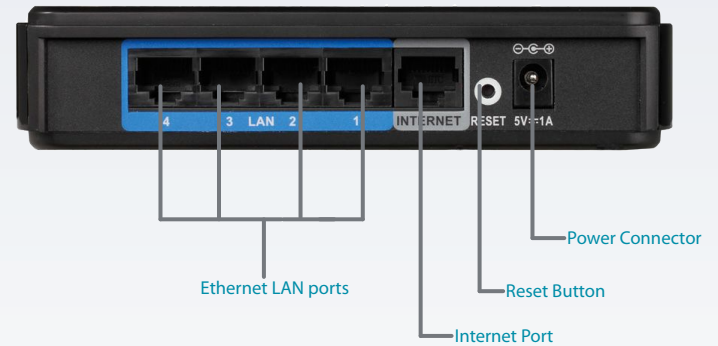
The DIR-100 provides firewall protection for network computers against Internet Denial-of-Service (DoS) and virus attacks. It filters packets to screen access control based on port and source/destination MAC/IP addresses. With Port Forwarding, the router can be set up to allow separate FTP and multiple devices to share the same Internet-visible IP address while still protecting servers and workstations from hackers. Users can set up a home or office web site by configuring any of the built-in LAN ports to function as a DMZ port.

Quality of Service (QoS)

The DIR-100 Ethernet Broadband Router prioritizes the transmission and reception of VoIP and online packets to and from the Internet, allowing users to experience smooth network connection for inbound and outbound data without worrying about traffic congestion. This QoS support allows you to enjoy high broadband transmission for applications such as Internet phones, multimedia, and games over the Internet.

Access Control

The DIR-100 Ethernet Broadband Router features Access Control which allows you to limit Internet access for all or specific devices on your network. Access Control enables you to filter out undesired URL web sites, block domains, and control Internet usage through scheduling the time or day. This is ideal for limiting Internet usage to specific periods during the day, or for preventing minors from accessing illicit websites.



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • Four 10/100 Fast Ethernet LAN ports • 802.11n WLAN (AP wireless connection to computers) 	<ul style="list-style-type: none"> • 10/100 Fast Ethernet WAN port • Reset button
LAN	<ul style="list-style-type: none"> • IEEE802.3 specification • IEEE802.3u specification 	

Functionality

Firewall	<ul style="list-style-type: none"> • NAT with VPN pass-through • SPI (Stateful Packet Inspection) 	<ul style="list-style-type: none"> • DoS (Denial of Service) attack prevention
Quality of Service	<ul style="list-style-type: none"> • Prioritized transmission/reception for VoIP traffic and streaming media 	<ul style="list-style-type: none"> • Multicast stream IGMP (Internet Group Management Protocol)
User Access Control	<ul style="list-style-type: none"> • MAC address filtering • IP address filtering 	<ul style="list-style-type: none"> • Scheduling
Configuration and Management	<ul style="list-style-type: none"> • Quick Installation Wizard • Web-based using Internet Explorer 6 or newer or other Java-enabled browsers 	<ul style="list-style-type: none"> • Dynamic Domain Name System (DDNS) • Universal Plug and Play (UPnP) compliant • Network Time Protocol (NTP) support
VPN Support	<ul style="list-style-type: none"> • PPTP pass-through • IPSec pass-through 	<ul style="list-style-type: none"> • L2TP pass-through

Physical

Dimensions	<ul style="list-style-type: none"> • 197 x 114.2 x 28 mm (7.76 x 4.50 x 1.10 inches)
Weight	<ul style="list-style-type: none"> • 200 grams (0.44 lbs)
Power Consumption	<ul style="list-style-type: none"> • 4 watts
Power Input	<ul style="list-style-type: none"> • DC 5 V/1 A
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) • Storage: -20 to 65 °C (-4 to 149 °F)

DIR-100 Ethernet Broadband Router

Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • IC • UL	• CE • C-Tick
Order Information		
<i>Part Number</i>	<i>Description</i>	
DIR-100	Ethernet Broadband Router	

¹ Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring condition and configuration, may affect the performance of this product. Additional D-Link Powerline AV series products are required to add new devices to the network. A minimum of two D-Link Powerline AV series products are required to create a network. Connecting this product to a power strip with a surge protector may adversely affect the performance of this product. For best results, plug the adapter directly into a wall outlet.

² Maximum throughput is based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product. This product may interfere with devices such as lighting systems that have a dimmer switch or a touch-sensitive on/off feature, short wave radios, or other Powerline devices that do not follow the HomePlug AV standard.

Updated 2012/09/04