

Product Highlights

Great Speed and Coverage

Share your Internet connection with your wired and wireless devices with fast wireless speeds and range to reach more places throughout your home

Stay Secure

Keep your Internet activities safe with WPA/WPA2 wireless encryption and a firewall, helping protect your network from local and remote intrusions

Easy to Set Up

Get up and running in no time with a web-based Setup Wizard that walks you through the configuration process



DIR-650IN

Wireless N300 Router

Features

Connectivity

- 10/100 Internet port to connect to broadband Internet with high transfer speeds
- Three 10/100 LAN ports to connect wired devices for high-speed online activities
- Latest Wireless N technology for increased speed and range
- Multiple Operating Modes: Router | AP | Repeater | Client | WISP client/Repeater

Security

- NAT Firewall to control traffic and prevent exploits and intrusions
- Wi-Fi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA/WPA2 encryption to secure your wireless traffic

Ease of Use

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process

The DIR-650IN Wireless N300 Router is an attractive, high-performance router that makes it easy to share your broadband Internet connection with all your devices. Simply connect it to your broadband modem, then use the web-based Setup Wizard that guides you step by step through the configuration process. Whether you're surfing the web on your desktop or relaxing on the couch with your laptop, the DIR-650IN keeps you connected wherever you are in your home.

A Fast and Reliable Home Network

The DIR-650IN creates a high-speed home network with wireless speeds of up to 300 Mbps for fast file transfers, seamless web surfing, and smooth video streaming. The external antennas increase your wireless network's coverage so you can avoid "dead spots" and get a reliable connection in more places throughout your home. The DIR-650IN also has Repeater Mode, which allows you to extend the range of your existing wireless network, allowing you to reach the farthest corners of your home or small office.

Flexible Connectivity for Your Devices

The DIR-650IN keeps you connected, no matter whether you're using a desktop or laptop PC, a smartphone, or a tablet. Three 10/100 Fast Ethernet ports provide fast and reliable connectivity for your wired devices, while Wireless N300 lets you connect all your wireless devices across your home. Get some work done on your desktop or check out online videos on your smartphone - the Wireless N300 Router lets you access the Internet with all your devices.

Easy to Set Up, Easy to 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. Create a secure network in seconds using Wi-Fi Protected Setup, which instantly creates a secure connection to a new device without the need to enter settings or create passwords.

Security Features to Keep Your Network Safe

The DIR-650IN has a host of security features, meaning you can access the Internet without fear of your information being compromised. WPA/WPA2 encryption secures wireless traffic across your network, preventing unauthorized access and eavesdropping, and the NAT firewall protects your network from attacks and intrusions via the Internet. No matter whether you are shopping online, doing your banking, or accessing your personal information, the DIR-650IN keeps your data and your network safe.



Technical Specifications

Hardware

Device Interfaces	<ul style="list-style-type: none"> • IEEE 802.11b/g/n • 3 X 10/100 LAN ports 	<ul style="list-style-type: none"> • 1 X 10/100 WAN (Internet) port
Antenna	<ul style="list-style-type: none"> • 4 X 5dBi External Antenna 	
Standards	<ul style="list-style-type: none"> • IEEE 802.11n/g/b • IEEE 802.3 	<ul style="list-style-type: none"> • IEEE 802.3u
LEDs	<ul style="list-style-type: none"> • Power • LAN • WPS 	<ul style="list-style-type: none"> • Internet • Wi-Fi
Buttons	<ul style="list-style-type: none"> • Power 	<ul style="list-style-type: none"> • WPS/Reset
Minimum System Requirements	<ul style="list-style-type: none"> • Windows/Mac/Linux PC • Microsoft Internet Explorer 6 or higher, Firefox 1.5 or higher, or other Java-enabled browser 	<ul style="list-style-type: none"> • Network Interface Card Wired OR Wireless • Cable or DSL Modem • Subscription with an Internet Service Provider

Functionality

Security	<ul style="list-style-type: none"> • WPA & WPA2 (Wi-Fi Protected Access) • WEP 64/128 bit data encryption 	<ul style="list-style-type: none"> • Wi-Fi Protected Setup (WPS)
Advanced Features	<ul style="list-style-type: none"> • Web Setup Wizard • UPnP support • Network Address Translation (NAT), • Stateful Packet Inspection (SPI), • MAC Address filtering • QOS (bandwidth limitation) • Port forwarding & DMZ • Routing: Static, Dynamic (RIP1 / RIP2) • Wireless Guest zone 	<ul style="list-style-type: none"> • Multiple operating mode: Router AP Repeater Client WISP client/Repeater • VPN Pass-through • Internet Block / IP filter • IPv6 support • TR-069 • Wireless scheduling (Green AP) • VLAN

Others

Dimensions (LxWxH)	<ul style="list-style-type: none"> • 255.9 x 168 x 41.2 mm 	
Weight	<ul style="list-style-type: none"> • 294 grams 	
Power	<ul style="list-style-type: none"> • Input: 100 to 240 V AC, 50/60 Hz 	<ul style="list-style-type: none"> • Consumption: 5 V / 1 A
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C 	<ul style="list-style-type: none"> • Storage: -40 to 70 °C
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 90% non-condensing

DIR-650IN Wireless N300 Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-650IN	Wireless N300 Router

¹ Maximum wireless signal rate derived from IEEE Standard 802.11n, 802.11g, and 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.

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