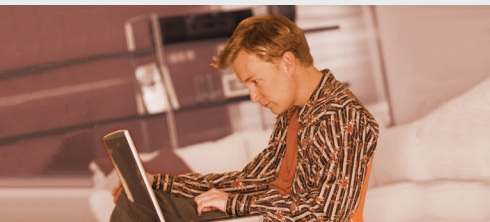# ETHERNET BROADBAND ROUTER

INTERNET/PRINTER SHARING
DSL/Cable modem connection for small workgroup, plus 4 integrated LAN ports

TOTAL SECURITY
Complete set of security features including firewall, access control and parental control to protect network

QUALITY OF SERVICE
Prioritized for VoIP traffic and online games & Multicast Stream (IGMP)

HIGH PERFORMANCE
The D-Link DIR-100 broadband router is designed to let a group of users share a broadband Internet connection through a DSL or cable modem. Easy to set up and operate, this router is ideal for novice home and small office users creating their first networks.

QUALITY OF SERVICE (QoS)
The DIR-100 provides prioritized transmission and reception of VoIP and online packets to/from the Internet to enable a group of users to experience the benefit of smooth network connection of inbound and outbound data without concern of traffic congestion. This QoS support allows users to enjoy high broadband transmission for applications such as Internet phones, multimedia and games over the Internet.

TOTAL NETWORK SECURITY
The DIR-100 router provides firewall protection for network computers again Internet 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 games 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. Parental Control allows parents and network administrators to filter out undesired URL web sites, block domains and control the time of day of the use of Internet through scheduling.
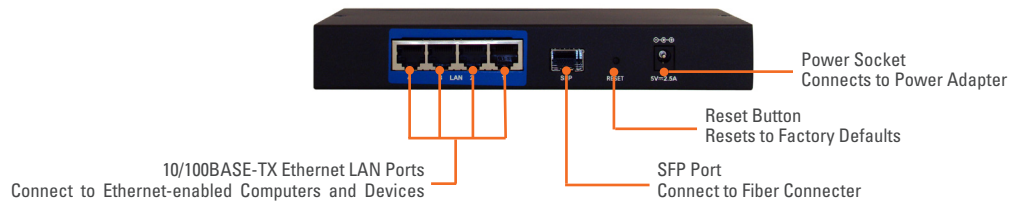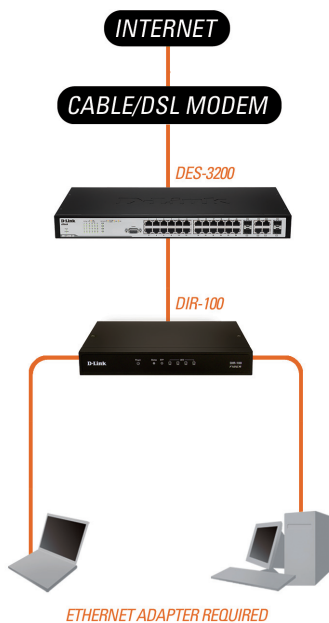
D-Link®

WHAT THIS PRODUCT DOES

Connect the D-Link DIR-100 router to your cable or DSL modem and share your high-speed Internet connection with multiple computers in your home. This router creates a high-speed and completely secure network to share photos, files, music, video, and storage. Get a better Internet experience and extend your network coverage with this device

WHOLE HOME/OFFICE COVERAGE

The DIR-100 is designed for easy and robust connectivity among heterogeneous standards-based network devices. Computers can communicate directly with this router for automatic opening and closing of UDP/TCP ports to take full advantage of the security provided without sacrificing functionality of online applications.

YOUR NETWORK SETUP

INTERNET

CABLE/DSL MODEM

DES-3200

DIR-100

ETHERNET ADAPTER REQUIRED

Power Socket
Connects to Power Adapter

Reset Button
Resets to Factory Defaults

10/100BASE-TX Ethernet LAN Ports
Connect to Ethernet-enabled Computers and Devices

SFP Port
Connect to Fiber Connecter

TECHNICAL SPECIFICATIONS

WAN INTERFACE
- 1 Small Form-factor Pluggable (SFP) port for 10/100Mbps Fiber Connecter
- Supports DSL and cable modem connection
- Supports "Always-on" (bridged) and PPPoE for PPP connection on demand

LAN INTERFACES
- 4 10/100BASE-TX Ethernet ports
- Support auto MDI/MDIX
- Support 802.3x flow control (full-duplex) and back pressure (half-duplex)

VPN SUPPORT
- PPTP pass-through
- IPSec pass-through
- L2TP pass-through

INTERNET GATEWAY FUNCTIONS
- Network Address Translation (NAT)
- DHCP server (for automatic IP assignment)

USER ACCESS CONTROL
- MAC address filtering
- IP address filtering
- Scheduling

FIREWALL
- NAT (Network Address Translation) with VPN pass-through
- SPI (Stateful Packet Inspection)

QUALITY OF SERVICE
- Prioritized transmission/reception for VoIP traffic and streaming media
- Multicast stream IGMP (Internet Group Management Protocol)

CONFIGURATION & MANAGEMENT
- Quick Installation Wizard
- Remote Management via Telnet
- Web-based using Internet Explorer v.6 or Netscape Navigator v.7 or other Java-enable browsers
- Dynamic Domain Name System (DDNS)
- Universal Plug and Play (UPnP) compliant
- Network Time Protocol (NTP) support

FIRMWARE UPGRADE
- HTTP (through web browser)

DIAGNOSTIC LEDS
- Power/Status
- SFP (Link/Activity)
- 1, 2, 3, 4 LAN ports (Link/Activity)

POWER INPUT
- DC 5V 2.5A

DIMENSIONS (L x W x H)
- 197 x 114.2 x 28 mm

WEIGHT
- 515.5 grams

OPERATING TEMPERATURE
- 0˚ to 40˚C

STORAGE TEMPERATURE
- -25˚ to 55˚C

OPERATING HUMIDITY
- 5% to 95 % non-condensing

STORAGE HUMIDITY
- 5% to 95% non-condensing

CERTIFICATIONS
- CE

BROADBAND

ETHERNET BROADBAND ROUTER
DIR-100