



ADSL2/2+ Router with USB and Ethernet Ports

HIGH-SPEED ADSL2/2+ INTERNET CONNECTION

Upstream rate up to 1 Mbps
Downstream rate up to 24 Mbps

ALL-IN-ONE SOLUTION

Built-in ADSL interface, Ethernet
and USB ports, QoS and firewall
protection

COMPATIBILITY AND OPERABILITY

Easy configuration and
management through web-based
interface

Moderate-priced Solution for High-speed Connection for SOHO Business

DSL-2520U provides all the essentials for creating a secure high-speed wired network: ADSL/ADSL2/ADSL2+ standards, Fast Ethernet standard, the built-in firewall, the QoS engine, and numerous additional features.

Configuration and Management

You can configure and manage the settings of the router DSL-2520U via the user-friendly web-based interface (the interface is available in several languages).

Ethernet and USB Connection

The router is equipped with an Ethernet port, which can be used to connect one computer or switch. The device is also equipped with a USB port, to which you can connect a single computer.

Security

The router includes a firewall. The advanced security functions minimize threats of hacker attacks, prevent unwanted intrusions to your network, and block access to unwanted websites for users of your LAN.

DSL-2520U

Specifications

ADSL2/2+ Router with USB and Ethernet Ports

Hardware

Interfaces:

- ADSL: 1 RJ-11 port
- LAN: 1 RJ-45 10/100BASE-TX Fast Ethernet port with auto-MDI/MDIX
- USB: 1 port 1.1, type B.

ADSL Standards:

- ADSL:
 - full rate ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) Annex A, ITU-T G.992.2 (G.lite) Annex A, ITU-T G.994.1 (G.hs).
- ADSL2:
 - ITU-T G.992.3 (G.dmt.bis) Annex A/L/M, ITU-T G.992.4 (G.lite.bis) Annex A.
- ADSL2+:
 - ITU-T G.992.5 Annex A/M.

Software

WAN Connection Types:

- PPPoA
- PPPoE
- IPoE
- IPoA
- Bridge.

ATM/PPP Protocols:

- Bridged and routed Ethernet encapsulation
- VC-based or LLC-based multiplexing
- ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
- ATM Adaptation Layer Type 5 (AAL5)
- ITU-T I.610 OAM F4/F5 loopback
- ATM QoS
- PPP over ATM (RFC 2364)
- PPP over Ethernet (PPPoE)
- Keep-alive for PPP connections.

Network Protocols and Functions:

- Static IP routing
- NAT
- DHCP server/client/relay
- DNS relay
- DDNS
- UPnP
- Support of VLAN
- IGMP proxy.

Firewall and Access Management Functions:

- NAT firewall
- Stateful Packet Inspection (SPI)
- URL filter
- Packet filtering (IP/ICMP/TCP/UDP)
- Virtual servers
- Prevention of DoS attacks
- Intrusion detection system
- DMZ
- Port Triggering.

QoS:

- Interface grouping
- 3 priority queues.

Configuration and Management:

- Multilingual web-based interface for configuration and management
- Access via TELNET
- Firmware update via web-based interface
- Saving/restoring configuration to/from file
- Support of remote logging.

Physical and Environmental

Power:

- External power adapter DC 5V/1A
- ON/OFF power switch
- Reset to Factory Defaults button.

Operating Temperature:

- From 0 °C to 40 °C (from 32 °F to 104 °F).

Storage Temperature:

- From -20 °C to 65 °C (from -4 °F to 149 °F).

Humidity:

- From 5% to 95% non-condensing.

Ordering Information

DSL-2520U

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Web:

<http://www.dlink.com/corporate/worldwideoffices/>