D-Link®

DSL-2520U

ADSL2/2+ Router with USB and Ethernet Ports

HIGH-SPEED ADSL2/2+ INTERNET CONNECTION	**ALL-IN-ONE SOLUTION**	**COMPATIBILITY AND OPERABILITY**
Upstream rate up to 1Mbps Downstream rate up to 24Mbps	Built-in ADSL interface, Ethernet and USB ports, QoS and firewall protection	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 DSL-2520U includes a built-in 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

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:
- PPPoE
- PPPoA
- IPoA
- Static IP
- Dynamic IP
- 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.

QoS:
- Interface grouping
- 3 priority queues.

Firewall and Access Management Functions:
- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- URL filter
- Packet filtering (IP/ICMP/TCP/UDP)
- Virtual servers
- Prevention of DoS attacks
- Intrusion detection system
- DMZ
- Port Triggering.

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
- Automatic synchronization of system time with NTP server.

Physical and Environmental
LEDs:
- Power
- Status
- LAN
- USB
- DSL
- Internet.

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

Operating Temperature:
- From 0 ^{0}C to 40 ^{0}C (from 32 ^{0}F to 104 ^{0}F).

Storage Temperature:
- From -20 ^{0}C to 65 ^{0}C (from -4 ^{0}F to 149 ^{0}F).

Humidity:
- From 5% to 95% non-condensing.

Ordering Information
DSL-2520U
ADSL2/2+ Router with USB and Ethernet Ports

Web:
http://www.dlink.com/corporate/worldwideoffices/