

## D-Link DSR-1000N Unified Services Router



### Product Overview

Main offices of small and medium businesses usually require multiple services in order to improve their network and Internet performance so as to keep up with today's technology. D-Link fulfills this requirement by offering DSR-1000N Unified Services Router, which comes complete with full feature set to provide superior quality, security, reliability and redundancy to the network.

### What this product can do for you

The DSR-1000N offers an all-in-one solution in a device that manages different services required for securing Internet access, outbound load balancing and network traffic control. It comes complete with features such as dual-WAN Gigabit Ethernet for outbound load balancing, route failover to ensure continuity of data traffic if the WAN line is congested or the line connection is lost, and 3G redundancy for automatic switch to 3G network whenever a physical link is lost.

A key feature of this product is Virtual private network (VPN). VPN with Secure Sockets Layer (SSL), which provides mobile workers and branch offices secure access to main office network and resources anywhere using web browsers. IP Security (IPSec) and Point-to-Point Tunneling Protocol (PPTP) or Layer 2 Tunneling Protocol (L2TP), in addition, enable site-to-site VPN tunnels to facilitate branch office connectivity through encrypted virtual links.

With wireless 802.11a/b/g/n support, it provides mobility to employees without being tied down to wired connections, and with D-Link SharePort technology, sharing of printer and portable storage is also easy using the USB interface.

## Ideal for SMB environments

The DSR-1000N helps main offices of rapidly growing businesses because it provides reliable Internet accessibility, optimal security with speed performance and 3G redundancy. It enables employees to connect to main office resources safely through high performance VPN tunnels even when off location, and supports 3G traffic failover.

## Why add unified service router to your network?

Deploying DSR-1000N to small and medium businesses helps improve network performance and makes business sense because it:

- Eliminates unnecessary losses from unavailable or congested Internet connection.
- Increases employee productivity by creating secure connection for telecommuting.
- Enables easier network management and troubleshooting while minimizing unnecessary errors or mistakes.

The total cost of ownership for the services needed is lower as compared to having different devices for different services. There are no hidden costs or charges, and there are no user licensing fees required for VPN.

In addition, it also:

- Improves productivity using a single device instead of multiple devices.
- Eliminates excessive workload for troubleshooting and re-configuration.
- Enables automated Internet traffic failover and load balancing.
- Allows up to 70 concurrent VPN connections from remote clients and 20 from a web browser.
- Supports high-speed wired and wireless network access.
- Provides configuration-free sharing of printer and storage within the network.
- Enables automatic switch to 3G network whenever the wired Internet line/connection is lost.
- Utilizes energy efficient technology to save costs on overheads and reduces waste.

**Key Features:**High VPN Performance

- Protocol: IPSec, PPTP, L2TP, SSL
- Up to 35 (DSR-1000N) and 70 (DSR-1000N) VPN tunnels
- Up to 10 (DSR-1000N) and 20 (DSR-1000N) SSL VPN tunnels
- DES, 3DES, AES encryption
- Main/ Aggressive Negotiation

Wireless Access and Security

- IEEE 802.11a/b/g/n (2.4GHz, 5GHz)
- IEEE 802.1x RADIUS authentication with EAP-TLS, EAP-TLLS, EAP-PEAP
- WPS, WEP, WPA-PSK, WPA-EAP, WPA2-PSK, WPA2-EAP

Enhanced Network Services

- IPv6
- DHCP Server/ Relay
- Dynamic DNS
- IEEE 802.1q VLAN
- Multiple SSID
- SSID-to-VLAN Mapping

Fault Tolerance

- WAN Traffic Failover
- 3G and Physical Traffic Failover
- Outbound Load Balancing

**Ordering information**

SKU/Model Name	Specifications
DSR-1000N	<ul style="list-style-type: none"> <li>• 10/100/1000BASE-T x 2 (WAN), 10/100/1000BASE-T x 4 (LAN), USB 2.0 Port x 2</li> <li>• 802.11n Wireless LAN (2.4GHz/5GHz), 2dBi Dipole Antenna x 3 (2x3 MIMO), Detachable Antennas with RP-SMA Interface</li> <li>• 3.5G/3.75G WAN redundancy</li> <li>• Firewall Throughput 130Mbps, VPN Throughput 70 Mbps, 70 VPN Tunnels, 20 SSL VPN Tunnels</li> <li>• Internal Power Supply</li> <li>• D-Link Green Technology</li> </ul>