

Product Highlights

Global Mobile Broadband

3G mobile connectivity lets you take your broadband connection with you wherever you go

High-speed Connectivity

Enjoy high-speed wireless IEEE 802.11n with speeds of up to 300 Mbps, so that you can access the Internet and transfer data quickly

Secure Network Sharing

VPN passthrough, dual active firewalls, and WPA/WPA2 wireless encryption ensure that your information stays secure



DWR-755

HSPA+ 3G VPN Router

Features

Connectivity

- WAN port to connect to the Internet
- Four 10/100 Ethernet LAN ports to connect wired devices for high-speed activities
- SIM card slot for a mobile broadband connection
- Wireless 802.11 b/g/n
 - Frequency Range: 2.4GHz - 2.4835GHz
 - EIRP: 18.96dBm

Security Features

- WPS allows quick wireless connection setup
- WPA/WPA2 encryption to secure your wireless traffic
- 64/128-bit WEP to secure your wireless traffic

Firewall

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)

Advanced Features

- VPN passthrough for secure network access
- QoS for priority queuing
- SMS notifications for 3G messaging
- UPnP for automatic connections to other devices

D-Link's DWR-755 HSPA+ 3G VPN Router allows you to access worldwide mobile broadband networks from anywhere in the world. Once connected, you can transfer data, stream media, and send SMS messages. Simply insert your SIM card and share your 2G/3G Internet connection through a secure wireless network or by using any of the four 10/100 Ethernet ports.

Fast Performance

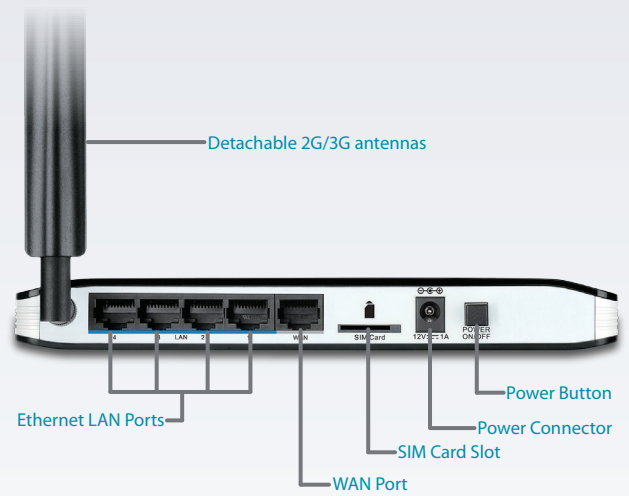
The HSPA+ 3G VPN Router lets you connect to your 2G/3G mobile connection with fast downlink speeds of up to 21.1 Mbps and uplink speeds up to 11.2 Mbps, giving you the speed you need for fast, responsive Internet access. Added support for MIMO technology lets connected clients sharing over LAN reach speeds of up to 300 Mbps in 802.11n mode. With regards to redundancy, the auto-failover feature automatically switches between mobile broadband and fixed-line broadband to ensure you stay connected to the Internet in case one connection fails. Last but not least, Quality of Service (QoS) priority queuing assures your data, music, and video are streamed smoothly to your PCs and mobile devices.

Secure Network Connections

The DWR-755 utilizes dual-active firewall (SPI and NAT) to prevent potential attacks across the Internet. WPA/WPA2 wireless encryption keeps your wireless network secure and your traffic safe, allowing you to securely share your 2G/3G connection without worrying about unauthorized users accessing your network. In addition, the DWR-755 also supports multiple session IPSec, L2TP, and PPTP VPN tunnels for even more secure remote networking.

Easy to Set Up and Use

The DWR-755 HSPA+ 3G VPN Router can be installed quickly and easily almost anywhere. The WPS feature can be used to set up wireless connectivity for clients at the push of a button, or use the web UI for more comprehensive management. Mobile broadband support means this router is also great for situations where an impromptu wireless network must be set up, or wherever conventional network access is unavailable. The DWR-755 can even be installed in buses, trains, or boats, allowing passengers to check e-mail or chat online while commuting or traveling.



Your Network Setup



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • Four 10/100 Ethernet LAN ports • WAN port 	<ul style="list-style-type: none"> • SIM slot • DC input
Antenna	<ul style="list-style-type: none"> • One detachable 2G/3G antenna 	
Data Rates ¹	<ul style="list-style-type: none"> • Up to 300 Mbps with 802.11n clients • 6/9/12/18/24/36/48/54 Mbps in 802.11g mode 	<ul style="list-style-type: none"> • 1/2/5.5/11 Mbps in 802.11b mode
Standards	<ul style="list-style-type: none"> • 802.11g/b, compatible with 802.11n 	
WCDMA/HSDPA/HSUPA/HSPA+ Bands ²	<ul style="list-style-type: none"> • 850/1900/2100 MHz or 900/2100 MHz Power Class 3 (24 dBm) 	
EDGE/GPRS/GSM Bands	<ul style="list-style-type: none"> • 850/900/1800/1900 MHz • 850/900 MHz Power Class 4 (33 dBm) 	<ul style="list-style-type: none"> • 1800/1900 MHz Power Class 1 (30 dBm)

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Functionality		
Wireless Security	<ul style="list-style-type: none"> • 64/128-bit WEP (Wired Equivalent Privacy) 	<ul style="list-style-type: none"> • WPA & WPA2 (Wi-Fi Protected Access)
Firewall	<ul style="list-style-type: none"> • Network Address Translation (NAT) 	<ul style="list-style-type: none"> • Stateful Packet Inspection (SPI)
QoS	<ul style="list-style-type: none"> • Low, normal, and high priority levels according to source/destination IP or destination port 	
VPN	<ul style="list-style-type: none"> • L2TP/PPTP/IPSEC VPN passthrough 	
SMS	<ul style="list-style-type: none"> • New incoming SMS notification • SMS compose, send, read, forward, reply, and delete 	<ul style="list-style-type: none"> • Auto-alert via LED when SMS storage is full
Physical		
LED Status Indicators	<ul style="list-style-type: none"> • Status • LAN • WAN • Wi-Fi/WPS 	<ul style="list-style-type: none"> • SMS • 2G/2.5G • 3G/3.5G • Signal
Power	<ul style="list-style-type: none"> • DC 12 V / 1 A 	
Dimensions	<ul style="list-style-type: none"> • 190 x 119 x 22 mm (7.48 x 4.69 x 0.87 inches) 	
Weight	<ul style="list-style-type: none"> • 265 grams (9.35 ounces) 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -10 to 70 °C (14 to 158 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 0 to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • CE • FCC 	<ul style="list-style-type: none"> • RoHS • Wi-Fi Certified
Order Information		
<i>Part Number</i>	<i>Description</i>	
DWR-755	HSPA+ 3G VPN Router	

¹ Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.

² Supported frequency band is dependent upon regional hardware version.

Updated 2014/02/14