

## 4G LTE M2M Wi-Fi VPN Router

The D-Link DWM-313 4G LTE M2M Router is an easy-to-deploy, high-performance Virtual Private Network (VPN) router with mobile connectivity to allow easy access to mobile broadband networks. Create a powerful private network for your home or small office with easy setup tools, advanced configuration options, and built-in security features.

### DWM-313

#### Connectivity

- WAN port to connect to the Internet
- One 10/100 Ethernet LAN port to connect wired devices for high-speed access
- 2 SIM card slots for a mobile broadband connection
- Wireless 802.11 b/g/n

#### Security Features

- Supports 802.11 128-bit AES encryption
- Dual-active firewalls (NAT/SPI) to control traffic and help resist attacks over the Internet

#### Advanced VPN Features

- Supports VPN tunnels for IPSec, OpenVPN, PPTP, L2TP and GRE connections
- Supports PPTP/L2TP/Client, and GRE Tunneling
- IPSec NAT-Traversal

#### Remote Management

- Compatible with D-Link Edge Cloud Solution (D-ECS) for remote management of devices



#### Blazing fast LTE speeds

Downlink speeds of up to 150 Mbps, uplink speeds of up to 50Mbps



#### Built tough

Withstands extreme temperatures between -30 to 60°C



#### Dual-SIM slots

Two configurable dual-SIMs provide fallback for maximum redundancy



#### Easy to deploy

Wall mount option for easy installation



#### Advanced VPN

IPSec/OpenVPN/PPTP/L2TP/GRE VPN protocols support



#### Easy management

Local and remote access through SNMP, WEB, TR-069 and D-ECS



#### Discreet size

Low profile design with dimension of just 93 x 70 x 23.6 mm



#### Three external antennas

With SMA connectors, for efficiently transmitting and receiving data

General		
Mobile Network Support <sup>2</sup>	<ul style="list-style-type: none"> <li>LTE Cat. 4 Bands 1/3/7/8/20/28A/38/40/41</li> <li>UMTS/HSPA B1/B8, 900/2100 MHz</li> </ul>	<ul style="list-style-type: none"> <li>GSM/GPRS/EDGE 900/1800 MHz</li> </ul>
Data Throughput <sup>1</sup>	<ul style="list-style-type: none"> <li>LTE FDD: 150 Mbps (DL) / 50 Mbps (UL)</li> <li>LTE TDD: 130 Mbps (DL) / 30 Mbps (UL)</li> <li>DC-HSDPA/HSUPA: 42 Mbps (DL) / 5.76 Mbps (UL)</li> </ul>	<ul style="list-style-type: none"> <li>WCDMA: 384 Kbps (DL) / 384 Kbps (UL)</li> <li>EDGE: 296 Kbps (DL) / 236.8 Kbps (UL)</li> <li>GPRS: 107 Kbps (DL) / 85.6 Kbps (UL)</li> </ul>
Device Interfaces	<ul style="list-style-type: none"> <li>One 10/100 Ethernet WAN/LAN port</li> <li>One 10/100 Ethernet LAN port</li> <li>Micro SD card slot</li> </ul>	<ul style="list-style-type: none"> <li>2 SIM slots (Micro-3FF)</li> <li>DC input</li> <li>USB port for RS-232 (Tx/D, Rx/D)</li> </ul>
Wi-Fi	<ul style="list-style-type: none"> <li>802.11n/g/b</li> <li>1x1</li> <li>Operates on the 2.4 GHz band</li> </ul>	<ul style="list-style-type: none"> <li>Up to 150 Mbps with 802.11n clients</li> <li>6/9/11/12/18/24/36/48/54 Mbps in 802.11g mode</li> <li>1/2/5.5/11 Mbps in 802.11b mode</li> </ul>
Standards	<ul style="list-style-type: none"> <li>IEEE 802.3i</li> </ul>	<ul style="list-style-type: none"> <li>IEEE 802.3u</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>SNMP Support</li> <li>Web-based UI</li> <li>TR-069 CPE WAN Management Protocol</li> </ul>	<ul style="list-style-type: none"> <li>D-ECS (D-Link Edge Cloud Solution)                             <ul style="list-style-type: none"> <li>Remote Management of UPS</li> <li>Remote Management of Devices</li> </ul> </li> </ul>
Software		
Wireless Security	<ul style="list-style-type: none"> <li>64/128-bit WEP (Wired Equivalent Privacy)</li> </ul>	<ul style="list-style-type: none"> <li>802.11 128-bit AES</li> </ul>
Firewall Functions	<ul style="list-style-type: none"> <li>Network Address Translation (NAT)</li> </ul>	<ul style="list-style-type: none"> <li>Stateful Packet Inspection (SPI)</li> </ul>
VPN	<ul style="list-style-type: none"> <li>IPSec/OpenVPN/PPTP/L2TP/GRE VPN</li> </ul>	
QoS	<ul style="list-style-type: none"> <li>Low, normal, and high priority levels according to source/destination IP or destination port</li> </ul>	
SMS	<ul style="list-style-type: none"> <li>New incoming SMS notification</li> </ul>	<ul style="list-style-type: none"> <li>SMS compose, send, read, forward, reply, and delete</li> </ul>
Physical		
LED Status Indicators	<ul style="list-style-type: none"> <li>Network Connectivity</li> <li>Wi-Fi</li> </ul>	<ul style="list-style-type: none"> <li>Signal Strength</li> <li>RS-232</li> </ul>
Power	<ul style="list-style-type: none"> <li>5 V / 2 A adapter</li> </ul>	<ul style="list-style-type: none"> <li>Flexible input: DC 5V / 2 A ~ 18 V / 0.7 A</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>Corrosion-resistant zinc-plated steel</li> </ul>	
Dimensions	<ul style="list-style-type: none"> <li>93 x 70 x 23.6 mm</li> </ul>	<ul style="list-style-type: none"> <li>DIN Mount: 149 x 50 x 15 mm</li> </ul>
Weight	<ul style="list-style-type: none"> <li>210 g</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>Operating: -30 to 60 °C</li> </ul>	<ul style="list-style-type: none"> <li>Storage: -40 to 85 °C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>Storage: 0% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>RoHS</li> </ul>	<ul style="list-style-type: none"> <li>CE</li> </ul>

<sup>1</sup> Data rates are theoretical. Data transfer rate depends on network capacity, signal strength, and environmental factors.

<sup>2</sup> Available frequencies and speeds vary and may not be available in all regions.