D-Link
Building Networks for People

Product Highlights

Global Mobile Broadband

3G/4G 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 150 Mbps, so that you can access the Internet and transfer data quickly

Powerful Tools

Ready for rapid deployment with support for D-ECS and SNMP network management tools

DWM-313

4G LTE M2M Router

Features

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

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.

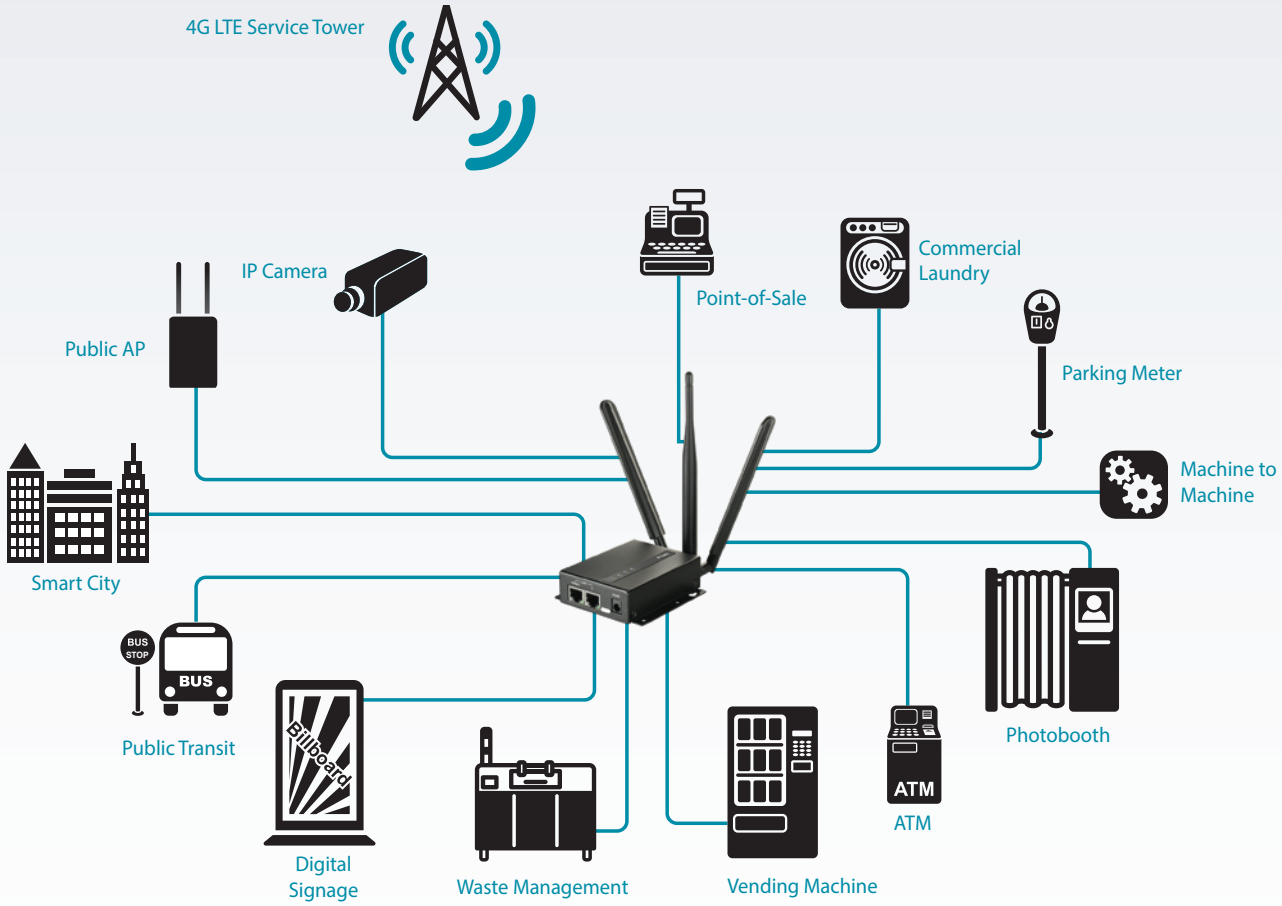
Fast Mobile Internet

The DWM-313 4G LTE M2M Router lets you establish a 3G/4G mobile connection with fast downlink speeds of up to 150 Mbps and uplink speeds of up to 50 Mbps, giving you the speed you need for fast, responsive Internet access. 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.

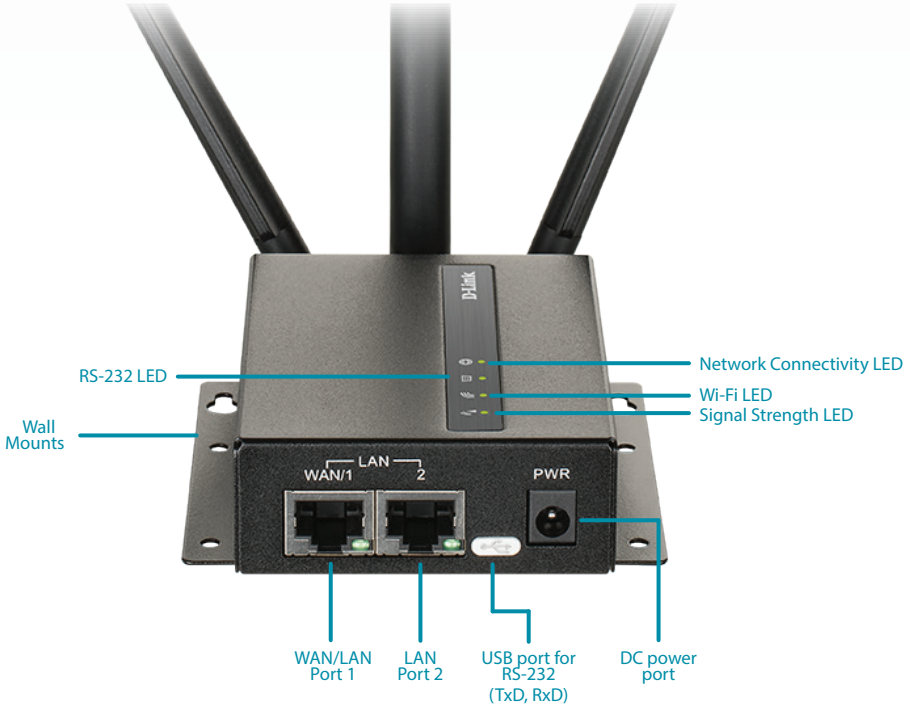
Reliable Virtual Private Networks

The DWM-313 4G LTE M2M Router lets you create a secure high-speed Virtual Private Network (VPN) for remote or local access. It supports IPSec, OpenVPN, PPTP, L2TP and GRE protocols, and also handles pass-through traffic. Advanced VPN configuration options can be set using the comprehensive setup wizard, and include multiple encryption options, key management, negotiation modes, and VPN authentication support. With the DWM-313, you'll have all the tools you need to create the ideal VPN solution for your network.

Sample Applications



Hardware Overview



DWM-313 4G LTE M2M Router

Technical Specifications

General

Cellular Frequency Support [1]	SKU 1 (E) • LTE Cat. 4 Bands 1/3/5/7/8/20/38/40/41 • UMTS/HSPA B1/B5/B8, 850/900/2100 MHz • GSM/GPRS/EDGE: 900/1800 MHz SKU 4 (AU) • LTE Cat. 4 Bands 1/2/3/4/5/7/8/28/40 • UMTS/HSPA B1/B2/B5/B8, 850/900/1900/2100 MHz • GSM/GPRS/EDGE: 850/900/1800/1900 MHz	SKU 5 (J) • LTE Cat. 4 Bands 1/3/8/18/19/26/41 • UMTS/HSPA 1/6/8/19, 800/900/2100 MHz SKU 6 (EU) • LTE Cat. 4 Bands 1/3/7/8/20/28A/38/40/41 • UMTS/HSPA B1/B8, 900/2100 MHz • GSM/GPRS/EDGE 900/1800 MHz SKU 7 (AF) • LTE Cat. 4 Bands B2/B4/B5/B12/B13/B14/B66/B71 • UMTS/HSPA B2/B4/B5, 850/1700/1900 Mhz
Maximum Cellular Data Throughput	• LTE FDD: 150 Mbps (DL) / 50 Mbps (UL) • LTE TDD: 130 Mbps (DL) / 30 Mbps (UL) • DC-HSDPA/HSUPA: 42 Mbps (DL) / 5.76 Mbps (UL)	• WCDMA: 384 Kbps (DL) / 384 Kbps (UL) • EDGE: 296 Kbps (DL) /236.8 Kbps (UL) • GPRS: 107 Kbps (DL) / 85.6 Kbps (UL)
Device Interfaces	• One 10/100 Ethernet WAN/LAN port • One 10/100 Ethernet LAN port • Micro SD card slot	• 2 SIM slots (Micro-3FF) • DC input • USB port for RS-232 (TxD, RxD)
Antennas	• Two detachable 3G/4G antennas	• One detachable Wi-Fi antenna (optional accessory)
Standards	• IEEE 802.11n/g/b • IEEE 802.3i	• IEEE 802.3u
Wi-Fi Data Rates[2]	• Up to 150 Mbps with 802.11n clients • 6/9/11/12/18/24/36/48/54 Mbps in 802.11g mode	• 1/2/5.5/11 Mbps in 802.11b mode
Advanced Features	• SNMP Support • Web-based UI • TR-069 CPE WAN Management Protocol	• D-ECS (D-Link Edge Cloud Solution) • Remote Management of UPS • Remote Management of Devices

Functionality

Wireless Security Features	• 64/128-bit WEP (Wired Equivalent Privacy)	• 802.11 128-bit AES
Firewall	• Network Address Translation (NAT)	• Stateful Packet Inspection (SPI)
QoS	• Low, normal, and high priority levels according to source/destination IP or destination port	
VPN	• IPSec/OpenVPN/PPTP/L2TP/GRE VPN	
SMS	• New incoming SMS notification	• SMS compose, send, read, forward, reply, and delete

Physical

LED Status Indicators	• Network Connectivity • Wi-Fi	• Signal Strength • RS-232
Power	• 5 V / 2 A adapter	• Flexible input: DC 5V /2 A ~ 18 V / 0.7 A
Enclosure	• Corrosion-resistant zinc-plated steel	
Dimensions	• 93 x 70 x 23.6 mm (3.66 x 2.76 x 0.92 in)	
Weight	• 210 g (7.41 oz)	
Temperature	• Operating: -30 to 60 °C (-22 to 140 °F)	• Storage: -40 to 85 °C (-40 to 185 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 0 to 95% non-condensing

Order Information

Part Number	*Description*
DWM-313	4G LTE M2M Router

[1] Supported frequency band is dependent upon regional hardware version. [2] Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.

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