

Product Highlights

Blazing Fast 4G LTE

Reliable LTE connectivity with speeds of up to 300 Mbps¹. Configurable dual-SIM fallback provides reliability and flexibility in mixed network environments.

Robust Design

Industrial grade enclosure and flexible power input provides modular connectivity in any environment

Powerful Tools

Ready for rapid deployment with support for SNMP and D-View 7 network management tools.



DWM-315

4G LTE M2M Router

Features

Connectivity

- Blazing fast LTE speeds up to 300 Mbps¹
- Fast Ethernet for broad compatibility
- Dual-SIM for high reliability

Simplicity

- Plug-and-Play with Ethernet interface
- Easy-to-use web interface

Advanced VPN and Management Features

- Supports IPSec, PPTP, L2TPv2, GRE tunnels
- AES encryption, Legacy DES and 3DES support
- Automated key management via IKE/ISAKMP
- IPSec NAT-Traversal
- XAUTH (Extended Authentication) for IPSec Authentication
- D-Link D-View 7 and SNMP management support for rapid deployment
- TR-069 CPE WAN Management Protocol
- D-Link ECS Remote Management⁴

Rugged and Flexible

- Zinc-plated steel case for durability
- Wide operating temperature and humidity tolerance
- Wall mounts allow optimal placement

The D-Link DWM-315 4G LTE M2M Router is an easy-to-deploy, high performance 3G/4G router. It features a dedicated Fast Ethernet port and dual-SIM 4G LTE mobile broadband for maximum redundancy and flexibility for intense Machine to Machine applications. Powerful VPN tools and advanced remote management combined with ease of use make the DWM-315 ideal for both large-scale and individual deployments.

Connectivity Where You Need It Most

Easily connect to your high-speed 3G/4G LTE mobile connection with the DWM-315 4G LTE M2M Router, and enjoy fast downlink speeds of up to 300 Mbps¹ and uplink speeds up to 50 Mbps¹, giving you the speed you need for fast, responsive Internet access. Deploy it in a remote location to access IP cameras and systems remotely. The blazing fast LTE connection allows multiple users to access e-mail and stream music and video on the go. Configurable dual-SIM fallback provides reliability and flexibility in mixed network environments.

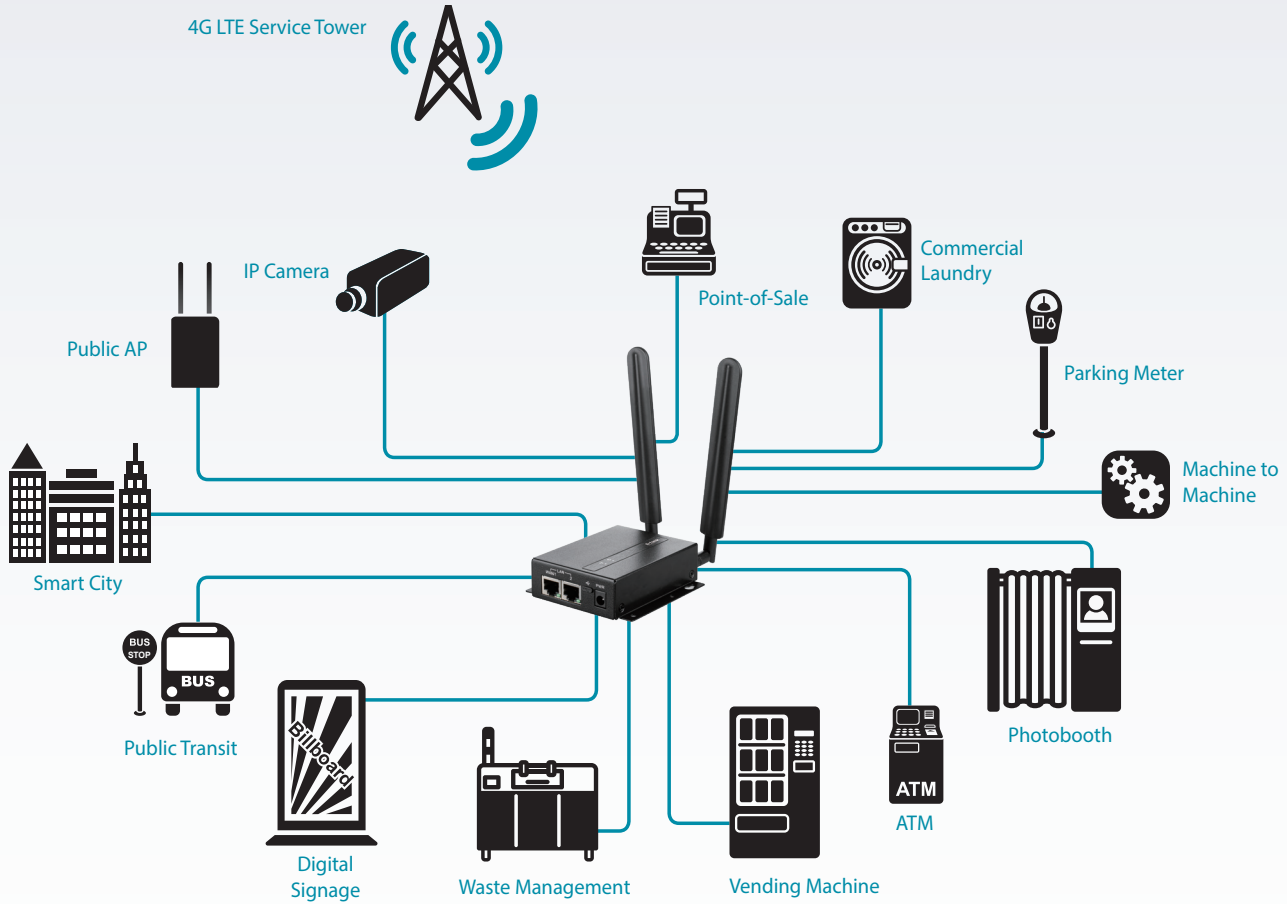
Reliable High Speed Virtual Private Networks

The DWM-315 4G LTE M2M Router's integrated VPN Client and Server support almost any VPN policy. The router's hardware engine can support and manage multiple VPN configurations. It supports IPSec, PPTP, L2TPv2, and GRE protocols in Server mode, and handles pass-through traffic as well. Advanced VPN configuration options include multiple encryption options, key management, negotiation modes, and VPN authentication using an internal user database.

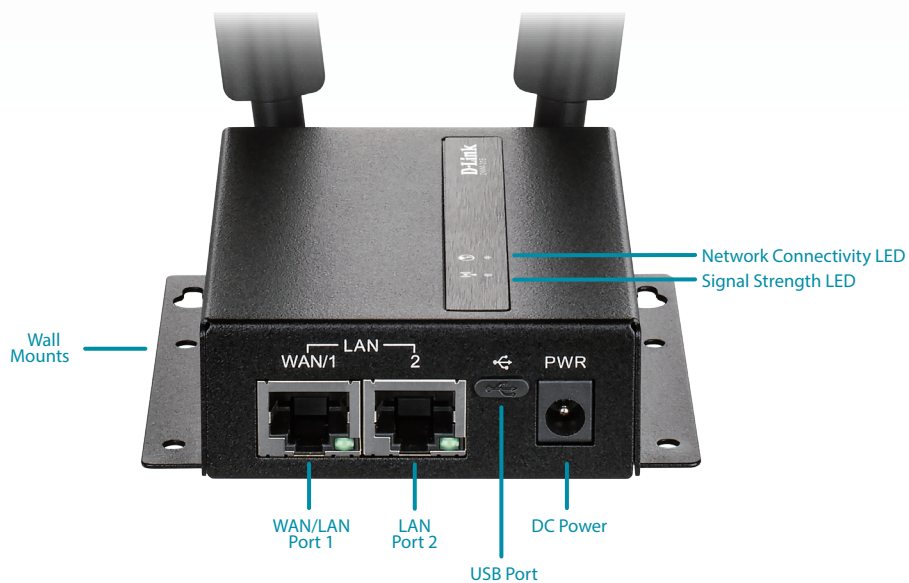
Robust

The industrial grade casing means the DWM-315 provides reliable high-speed connectivity in extreme conditions. The corrosion-resistant zinc-plated steel case and wide operating temperature and humidity tolerance mean that the DWM-315 is ready for the most demanding M2M applications in virtually any environment. Wall mounts allow the DWM-315 to be mounted virtually anywhere for optimal connectivity. Flexible power input range allows the router to be powered by any convenient power source.

Sample Applications



Hardware Overview



Technical Specifications

General

Mobile Network Support ²	<ul style="list-style-type: none"> • LTE Cat. 6 • SKU 1 (E) <ul style="list-style-type: none"> • LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32³ • LTE-TDD: B38/B40/B41 • 2×CA: B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32³; B38+B38; B40+B40; B41+B41 • WCDMA: B1/B3/B5/B8 	<ul style="list-style-type: none"> • SKU 2 (A) <ul style="list-style-type: none"> • LTE-FDD: B2/B4/B5/B7/B12/B13/B25/B26/B29³/B30/B66 • 2×CA: B2+B2/B5/B12/B13/B29³; B4+B4/B5/B12/B13/B29³; B7+B5/B7/B12/B26; B25+B5/B12/B25/B26; B30+B5/B12/B29³; B66+B5/B12/B13/B29³/B66; • WCDMA: B2/B4/B5
Data Throughput ¹	<ul style="list-style-type: none"> • LTE: <ul style="list-style-type: none"> • LTE-FDD: Max 300 Mbps (DL)/Max 50 Mbps (UL) • LTE-TDD: Max 226 Mbps (DL)/Max 28 Mbps (UL) 	<ul style="list-style-type: none"> • UMTS: <ul style="list-style-type: none"> • DC-HSDPA: Max 42 Mbps (DL) • HSUPA: Max 5.76 Mbps (UL) • WCDMA: Max 384 Kbps (DL)/Max 384 Kbps (UL)
Device Interfaces	<ul style="list-style-type: none"> • 1 x 10/100/1000 Fast Ethernet WAN/LAN port • 1 x 10/100/1000 Fast Ethernet LAN port • 1 x 5.5 mm DC input 	<ul style="list-style-type: none"> • 2 x LTE SMA (antenna connectors) • 1 x GPS SMA (antenna connectors) • Dual Micro-SIM slots • 1 x MicroUSB 2.0 • 1 x MicroSD Slot (supports SD-XC Class 10, max 64 GB)
Standards	<ul style="list-style-type: none"> • IEEE 802.3i 	<ul style="list-style-type: none"> • IEEE 802.3u
Advanced Features	<ul style="list-style-type: none"> • L2TP/PPTP/IPSec/GRE • SNMP and D-View 7 Support • Virtual Server • GNSS <ul style="list-style-type: none"> • Supports global positioning • Includes support for GPS/GLONASS/Galileo/BeiDou 	<ul style="list-style-type: none"> • Firmware over the air (FOTA) upgrades • Web-based UI • TR-069 CPE WAN Management Protocol • DMZ & Pass Through • SMS Management • D-Link ECS Remote Management⁴
Physical		
LED Status Indicators	<ul style="list-style-type: none"> • Network Connectivity 	<ul style="list-style-type: none"> • Signal Strength
Power	<ul style="list-style-type: none"> • 5V/2A adapter 	<ul style="list-style-type: none"> • Flexible input: DC 5V/2A ~ 18V/0.7A
Enclosure	<ul style="list-style-type: none"> • Corrosion-resistant zinc-plated steel 	
Dimensions	<ul style="list-style-type: none"> • 93 x 70 x 23.6 mm (3.66 x 2.76 x 0.92 in) 	
Weight	<ul style="list-style-type: none"> • 210 g (7.41 oz) 	
Temperature	<ul style="list-style-type: none"> • Operating: -20 to 60 °C (-4 to 140 °F) 	<ul style="list-style-type: none"> • Storage: -40 to 85 °C (-40 to 185 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 5% to 85% non-condensing 	<ul style="list-style-type: none"> • Storage: 0% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • CE 	

DWM-315 4G LTE M2M Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DWM-315	4G LTE M2M Router

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

² Available frequencies and speeds vary and may not be available in all regions.

³ LTE-FDD B29 and B32 support Rx only, and in 2xCA they are only for secondary component carrier.

⁴ D-Link ECS Management: <https://us7-nv3-web.decs.dlink.com/web/index.jsp>

Updated 2019/08/06