

Product Highlights

Ready to Deploy

Cost-effective, pre-configured M2M solution provides complete connectivity out of the box

Blazing Fast 4G LTE

Reliable LTE connectivity with speeds of up to 150 Mbps¹

Robust Design

Industrial grade enclosure and standard interfaces provide modular connectivity in any environment



DWM-311

4G LTE Modem

Features

Connectivity

- Blazing fast Cat 4 LTE speeds up to 150 Mbps¹
- One 10/100/1000 Ethernet LAN Port to connect wired devices for high-speed activities

Simplicity

- Plug-and-Play with Ethernet interface
- Easy-to-use web interface for advanced cases

Rugged and Flexible

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

Advanced VPN Features

- Supports VPN tunnels for OpenVPN connections

Remote Management

- Compatible with D-Link Edge Cloud Solution (D-ECS)³ for remote device management

D-Link's DWM-311 4G LTE Modem is a robust 4G LTE modem that provides blazing fast connection speeds for embedded Machine-to-Machine (M2M) applications. The single mode LTE modem provides an economical and reliable high speed connection suitable for the most demanding Internet of Things (IoT) applications. This cost-effective device is pre-configured to provide a complete connectivity solution out of the box.

Robust

The industrial grade casing means the DWM-311 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-311 is ready for the most demanding M2M applications in virtually any environment. Wall mounts(optional) and flexible interfaces allow the DWM-311 to be mounted virtually anywhere for optimal connectivity.

Flexible

The DWM-311's Ethernet interfaces allow connectivity to be added to virtually any device. Ethernet means driverless, instant access for any Ethernet-enabled device, without the need for pre-configuration or special software. Ethernet makes the DWM-311 a true plug-and-play solution, suitable for mass deployment or small scale use. Should unique settings be required, the easy-to-use web interface can be configured through any web browser.

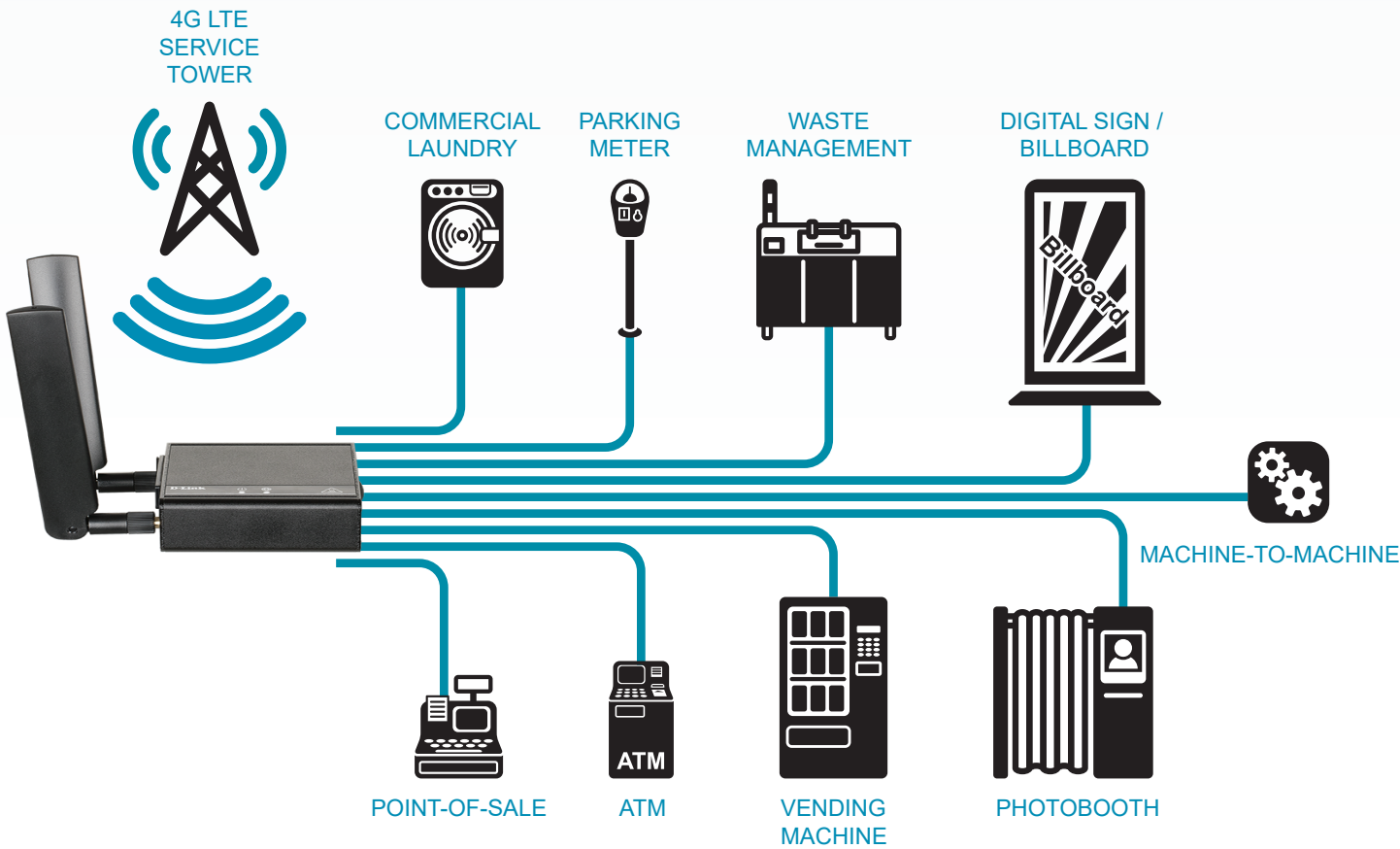
Front Panel



Rear Panel



Sample Applications



Technical Specifications

General

Mobile Network Support ²	SKU 1 (EU) • LTE FDD Bands 1/3/7/8/20/28A • LTE TDD Bands 38/40/41 • UMTS/HSPA B1/B8, 900/2100 MHz	SKU 2 (AF) • LTE FDD Bands B2/B4/B5/B12/B13/B14/B66 • UMTS/HSPA B2/B4/B5, 850/1700/1900 MHz
Maximum Cellular Data Throughput ¹	• 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	• 1 x 10/100/1000 Ethernet LAN port • 1 x Micro-USB port (power input)	• 2 x SMA for LTE (antenna connectors) • 1 x Sim slot (Micro-3FF)
Standards	• IEEE 802.3i	• IEEE 802.3u
VPN	OpenVPN (1 tunnel)	
Advanced Features	• D-ECS remote device management³ • Web-based UI	• SMS reboot function

Physical

LED Status Indicators	• Network Connectivity	• Power
Power	Input: Power Adapter 5V/2A via Micro USB	
Enclosure	Aluminum and zinc-plated steel	
Dimensions	77.4 x 68.5 x 26 mm (3.05 x 2.7 x 1.02 in)	
Weight	145 g (5.12 oz)	
Temperature	• Operating: -30 to 60 °C (-22 to 140 °F)	• Storage : -40 to 85 °C (-40 to 185 °F)
Humidity	Operating: 10% to 85% non-condensing	
Certifications	• CE • FCC • PTCRB	• AT&T • Verizon

Order Information

Part Number	Description
DWM-311	4G LTE Modem

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

² Supported frequency band is dependent upon hardware SKU.

³ D-ECS (D-Link Edge Cloud Solution) - License fees will apply.

Updated 07/19/2023