

## 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 Mbps<sup>1</sup>

### 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 Mbps<sup>1</sup>
- 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 System (D-Link Edge Cloud Solution)<sup>3</sup> for remote management of devices

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.

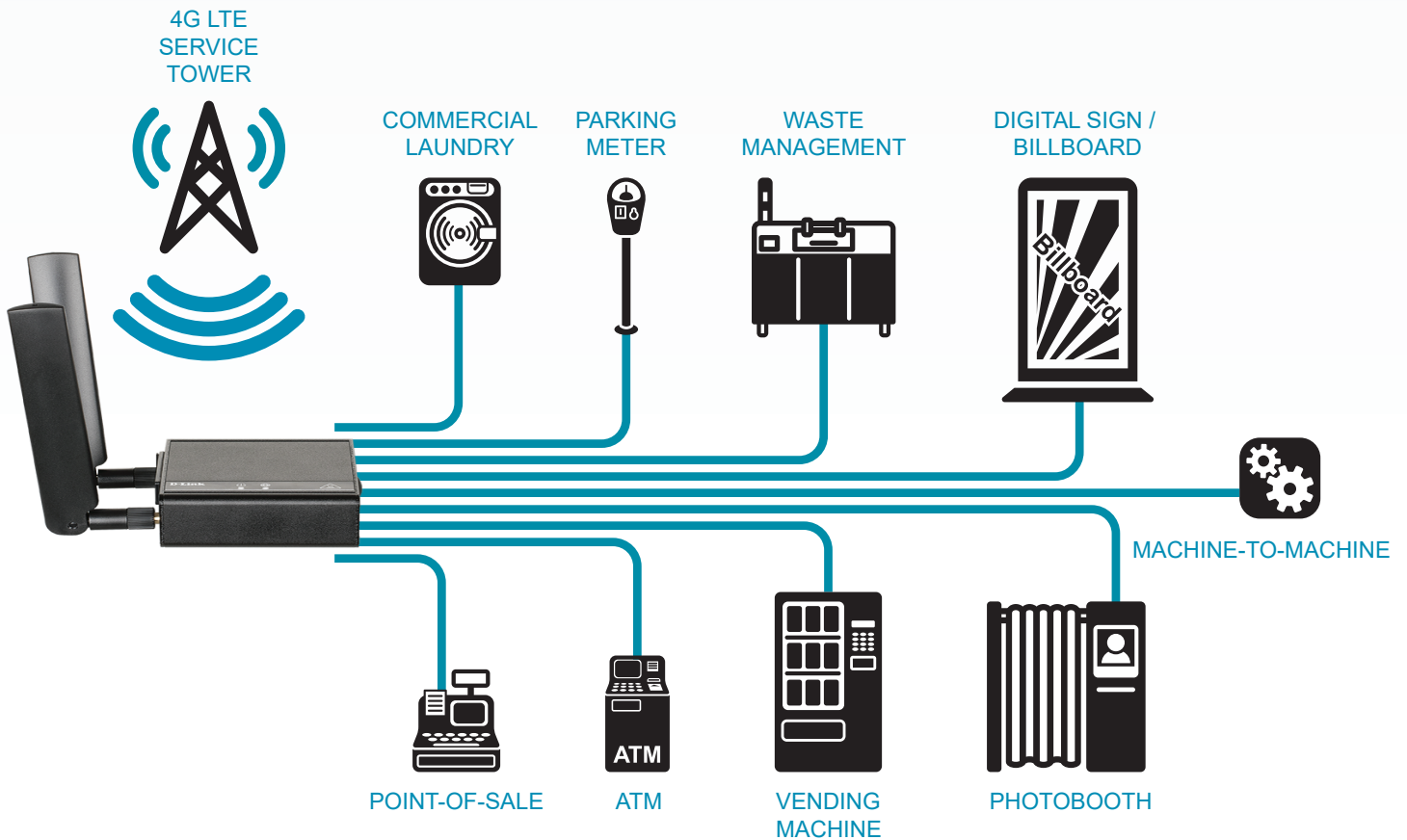
Front  
Panel



Back  
Panel



## Sample Applications



## Technical Specifications

## General

Mobile Network Support <sup>2</sup>	<ul style="list-style-type: none"> <li>• SKU 1 (EU) <ul style="list-style-type: none"> <li>• LTE FDD Bands 1/3/7/8/20/28A</li> <li>• LTE TDD Bands 38/40/41</li> <li>• UMTS/HSPA B1/B8, 900/2100 MHz</li> </ul> </li> <li>• SKU 2 (AF) <ul style="list-style-type: none"> <li>• LTE FDD Bands B2/B4/B5/B12/B13/B14/B66</li> <li>• UMTS/HSPA B2/B4/B5, 850/1700/1900 MHz</li> </ul> </li> </ul>
Maximum Cellular 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> <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>• 1 x 10/100/1000 Ethernet LAN port</li> <li>• 1 x Micro-USB port (power input)</li> <li>• 2 x SMA for LTE (antenna connectors)</li> <li>• 1 x Sim slot (Micro-3FF)</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3i</li> <li>• IEEE 802.3u</li> </ul>
VPN	<ul style="list-style-type: none"> <li>• OpenVPN (1 tunnel)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• D-ECS remote device management<sup>3</sup></li> <li>• Web-based UI</li> <li>• SMS reboot function</li> </ul>

## Physical

LED Status Indicators	<ul style="list-style-type: none"> <li>• Network Connectivity</li> <li>• Power</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Input: Power Adapter 5V/2A via Micro USB</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>• Aluminum and zinc-plated steel</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 77.4 x 68.5 x 26 mm (3.05 x 2.7 x 1.02 in)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• 145 g (5.12 oz)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: -30 to 60 °C (-22 to 140 °F)</li> <li>• Storage : -40 to 85 °C (-40 to 185 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 85% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> <li>• PTCRB</li> <li>• AT&amp;T</li> <li>• Verizon</li> </ul>

## Order Information

Part Number	Description
DWM-311	4G LTE Modem

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

<sup>2</sup> Supported frequency band is dependent upon hardware SKU.

<sup>3</sup> D-ECS (D-Link Edge Cloud Solution) - License fees will apply.

Updated 2022/11/04