

4GX

4G+

Band 28

700 MHz

Cat 4

### Key Features:



#### Plug & Play

Simplifies setup, enhances security, and ensures reliable performance for critical applications.



#### Gigabit LAN

Gigabit Ethernet port ensures reliable wired LAN connectivity for high-efficiency data transmission.



#### Industrial-Grade Durability

Corrosion-resistant zinc-plated steel casing and robust design ensure reliable operation in harsh environments.



#### Secure VPN Connectivity

Protect sensitive data transmission via secure VPN tunnel to prevent unauthorised network access.



#### SMS Management

Facilitate remote management via SMS, minimising staff exposure to hazardous environments.



#### Centralised Management

Conveniently manage devices from anywhere via the D-ECS management platform.

The D-Link DWM-311 4G LTE M2M VPN Modem is an easy-to-deploy, high-performance 4G Modem designed for remote Machine-to-Machine (M2M) deployments. It features Cat4 connectivity along with a Gigabit Ethernet port ensuring fast and stable connections to meet M2M application requirements. Advanced remote management make the DWM-311 well-suited for both large-scale and individual deployments.

### Remotely Manage and Monitor with D-ECS

Designed for effortless real-time remote access, the DWM-311 supports D-ECS, D-Link's Centralised Mobile Fleet Management tool. An advanced EaaS (Edge as a Service) cloud computing platform, D-ECS is designed to help MSPs, SMBs and enterprises manage a variety of M2M devices.

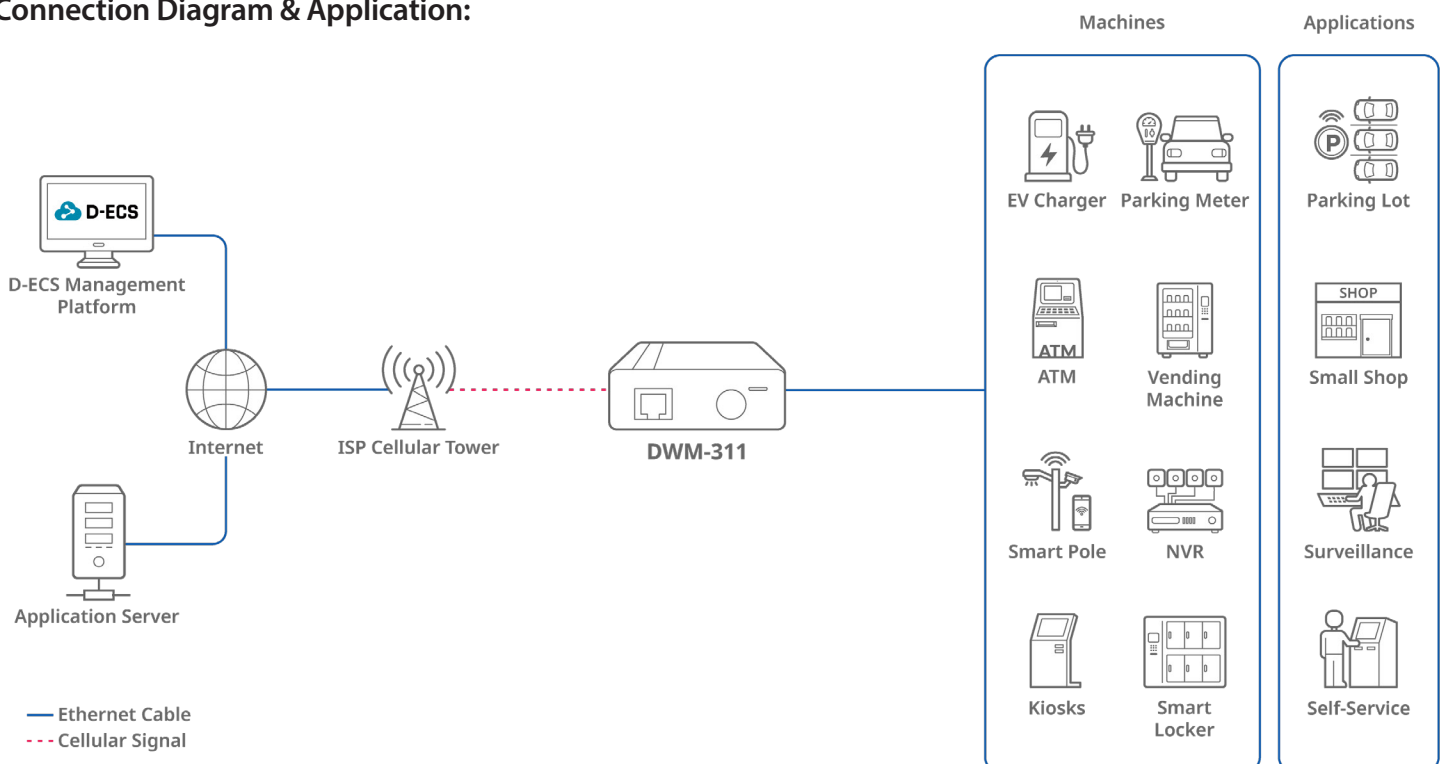
### Plug & Play for Easy Installation

Simply insert a Micro-SIM card and power up, the DWM-311 instantly connects your M2M devices to the high-speed 4G cellular network. DWM-311's rugged, compact design is perfect for any setting, including harsh environments. Designed for effortless, real-time remote access, it provides reliable long-distance connectivity ideal for various applications. It also includes a VPN client, enhancing security and protecting data integrity across your network, making it a superb choice where quick setup and robust connectivity are crucial.

### Robust Build Quality

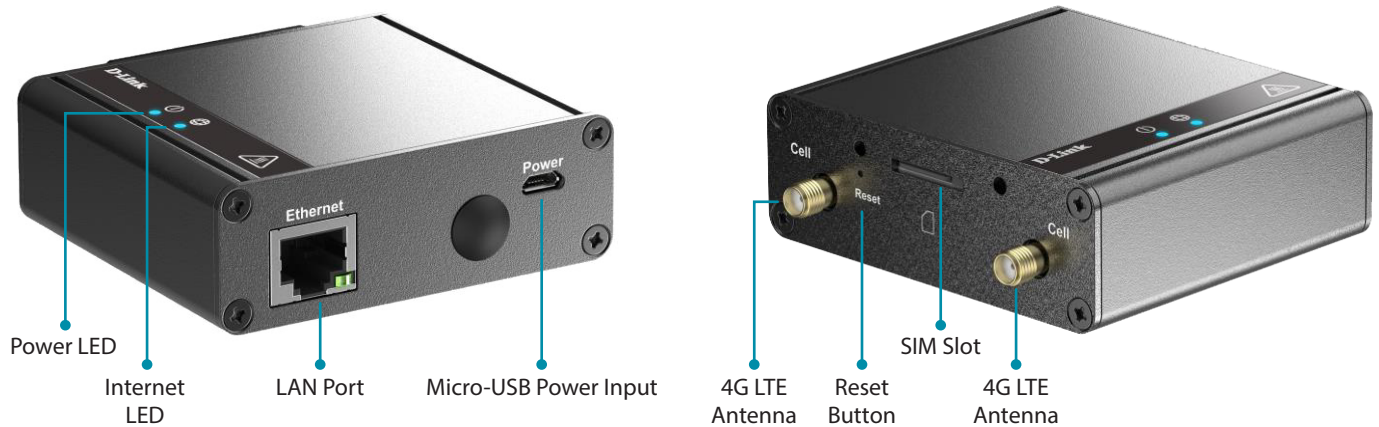
The industrial-grade casing provides reliable high-speed connectivity in extreme conditions. The corrosion-resistant zinc-plated steel case with wide operating temperature range and humidity tolerance mean that the DWM-311 is ready for the most demanding M2M applications in virtually any environment.

### Connection Diagram & Application:



# DWM-311

## 4G LTE M2M VPN Modem



### Technical Specifications

#### General

Mobile Network Support	<ul style="list-style-type: none"><li>• Telstra 4GX and Optus 4G Plus support (Band 28)</li><li>• LTE Bands: B1, B3, B7, B8, B20, B28A, B38, B40, B41</li></ul>	
Device Interfaces	<ul style="list-style-type: none"><li>• Cellular Module: 4G LTE-Cat.4</li><li>• SIM Slot: 1x SIM (3FF Micro)</li><li>• Ethernet: 1x RJ45 LAN GE</li></ul>	<ul style="list-style-type: none"><li>• Power Input: DC 5V Micro-USB</li><li>• Antenna Con.: 2x SMA(F)-Cellular</li></ul>
Performance <sup>1</sup>	<ul style="list-style-type: none"><li>• Maximum Cellular Data Throughput: LTE: 150Mbps (Download) / 50Mbps (Upload)</li></ul>	
WAN	<ul style="list-style-type: none"><li>• Cellular: NAT, Bridge Mode</li></ul>	<ul style="list-style-type: none"><li>• Network Monitor: ICMP Checking</li></ul>
Network	<ul style="list-style-type: none"><li>• DHCP : DHCP Server</li><li>• Port Forward: Virtual Server</li></ul>	<ul style="list-style-type: none"><li>• DDNS: DynDNS, No-IP, Dynamic DO</li><li>• IPv4/v6</li></ul>
VPN	<ul style="list-style-type: none"><li>• VPN Tunnel: OpenVPN</li></ul>	<ul style="list-style-type: none"><li>• VPN Usage: Client mode</li></ul>
Administration	<ul style="list-style-type: none"><li>• Configuration: Web UI, SSH</li><li>• Management: D-Link D-ECS<sup>2</sup></li><li>• System: FW Upgrade, Reboot &amp; Reset, System Time, NTP Service</li></ul>	<ul style="list-style-type: none"><li>• Scheduling: reboot rule policy, working day</li><li>• SMS Service: SMS Inbox, SMS Event Management</li></ul>
Status	<ul style="list-style-type: none"><li>• Cellular Mobile: Cellular Modem Information/Status, Cellular Network Status, Cellular Signal Quality</li></ul>	<ul style="list-style-type: none"><li>• Network Status: Connection information, Cellular Signal Quality</li><li>• Security: VPN Status</li></ul>

#### Physical

Dimensions	77.4 x 68.5 x 26 mm
Operating Temperature	-30 to 70°C
Storage Temperature	-40 to 85°C
Operating Humidity	10% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing

#### Other

Certifications	CE, FCC, RCM, UKCA, PTCRB
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#### Ordering Information

DWM-311	4G LTE M2M VPN Modem
Barcode / UPC	790069479427

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

<sup>2</sup> D-ECS License fees will apply.