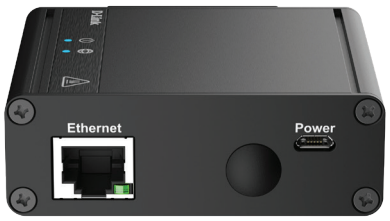
D-Link

DWM-311

4G M2M Modem



Key Features

- Plug and Play
- GE Wired Reliability
- SMS Event Management
- VPN Security
- Industrial Grade Design
- Management Platform

Applications

- Parking Lot
- Small Shop
- Surveillance
- Self-Service

The DWM-311 4G M2M modem, with LTE Cat 4 technology, along with a Gigabit Ethernet port, ensuring fast and stable wired and wireless network connections to meet M2M application requirements.

Drive Efficiency with Reliable 4G Remote Access

Designed for effortless real-time remote access, the DWM-311 offers seamless wireless connectivity perfect for self-service vending machines. It enhances operational efficiency by supporting intelligent inventory management, automating replenishment requests to streamline deliveries and reduce costs.

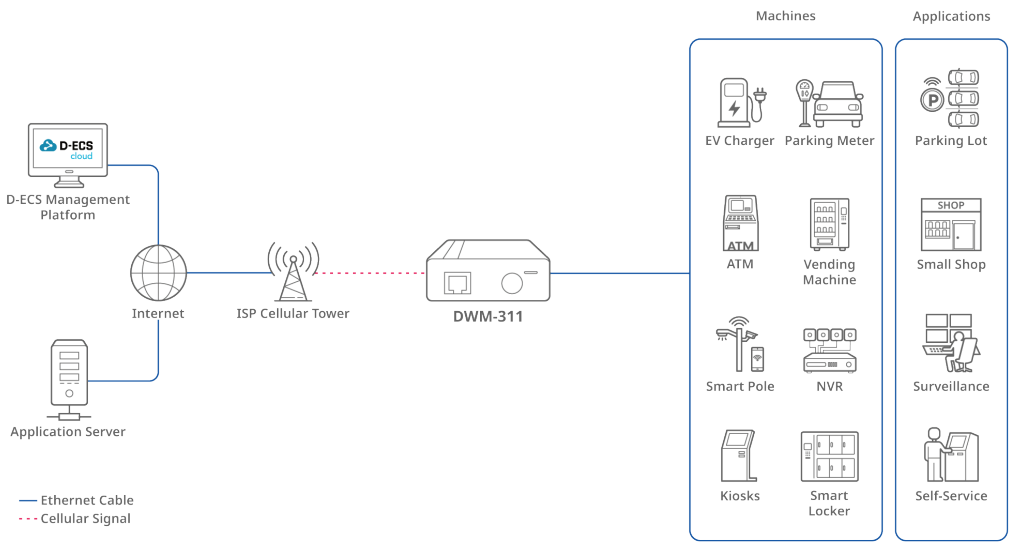
Plug and Play for Easy Installation

Simply insert a Micro-SIM card and power up; the DWM-311 instantly connects your M2M devices to the high-speed 4G cellular network. This modem'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



Specifications

Device Interface

- Cellular: 4G LTE Cat 4
- SIM Slot: 1 x SIM (Micro SIM)
- Ethernet: 1 x GE LAN port
- Power Input: DC 5 V Micro USB
- Antenna Connectors: 2 x SMA (F) cellular

Performance[1]

- Maximum Cellular Data Throughput:
  - LTE: 150 Mbps (DL) / 50 Mbps (UL)

WAN

- WAN Interface: Cellular
- Cellular: NAT, bridge
- Connection Monitoring: Ping query reboot

Network

- LAN: DHCP server
- DDNS: DynDNS, No-IP, dynamic DO

Services

- Event Management: SMS

VPN

- VPN Tunnel: OpenVPN

Security

- Firewall: Port forward

Administration

- Management: D-Link D-ECS[2]
- Maintenance: Web UI
- System: FW upgrade, reboot and reset

Monitoring

- Device Status: Connection information
- Cellular Status: Cellular information/status, cellular signal quality
- Security: VPN status

Operating Environment

- Operating Temperature: -30 to 70˚C (-22°F to 158°F)
- Storage Temperature: -40 to 85˚C (-40°F to 185°F)
- Operating Humidity: 10% to 95% non-condensing
- Storage Humidity: 0 to 95% non-condensing
- Dimensions: 77.4 x 68.5 x 26 mm

Certifications and Approvals

- Certifications: CE, UKCA, FCC, PTCRB
- Approvals: AT&T, Verizon, T-Mobile

Package Contents (Standard)

- 2 x Cellular SMA Antennas
- 1 x RJ-45 Cable
- 1 x Power Adapter

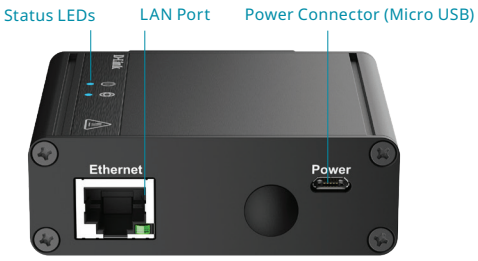
Available Versions

EU SKU (HW: B2)	
4G LTE	FDD: B1/B3/B7/B8/B20/B28A
	TDD: B38/B40/B41
US SKU (HW: B3)	
4G LTE	B2/B4/B5/B12/B13/B14/B66/B71

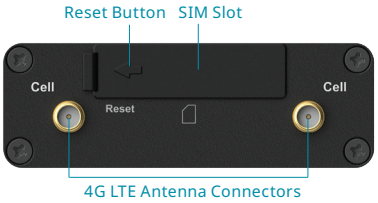
1 Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.
2 You only have to pay a M2M device license fee when applying for D-ECS license.

Hardware

Front View



Back View



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