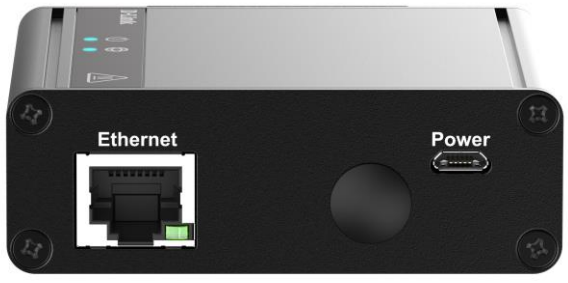
DWM-311
4G M2M Modem



Key Features

- Plug & Play
- GbE Wired Reliability
- SMS Event Management
- VPN Security
- Industrial Grade Design
- Management Platform

D-Link's 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 4G M2M Modem 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 & 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.

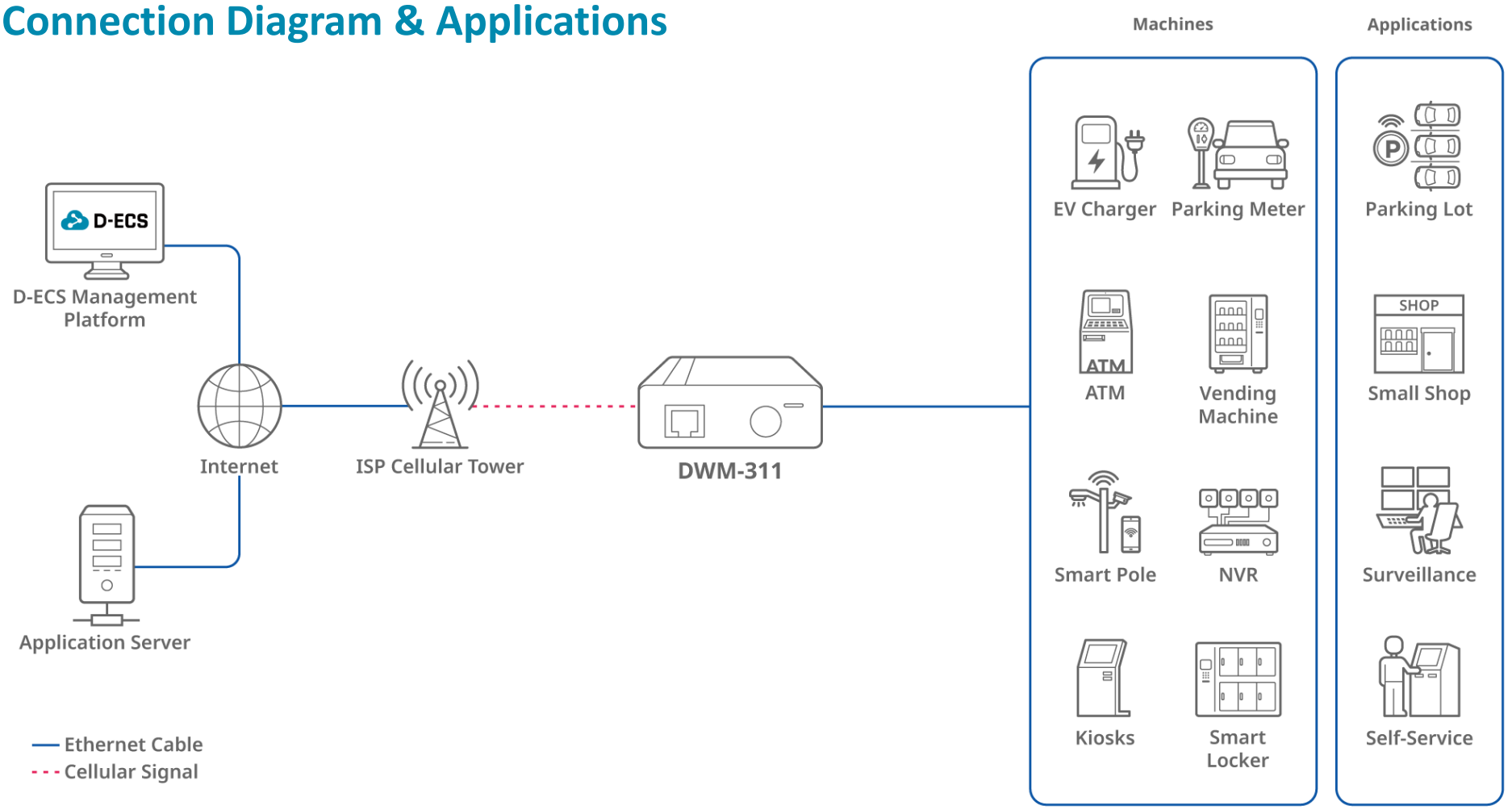
Applications

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

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 & Applications



Specifications

Device Interface
- Cellular Module: 4G LTE-Cat.4
- SIM Slot: 1*SIM(3FF Micro)
- Ethernet: 1*RJ45 LAN GE
- Power Input: DC 5V Micro-USB
- Antenna Con.: 2*SMA(F)-Cellular

Performance[1]
- Maximum Cellular Data Throughput:
  LTE: 150 Mbps (DL) / 50 Mbps (UL)

WAN
- Cellular: NAT, Bridge Mode
- Network Monitor: ICMP Checking

Network
- DHCP : DHCP Server
- Port Forward: Virtual Server
- DDNS: DynDNS, No-IP, Dynamic DO
- IPv4/v6

VPN
- VPN Tunnel: OpenVPN
- VPN Usage: Client mode

Administration
- Configuration: Web UI, SSH
- Management: D-Link D-ECS[2]
- System: FW Upgrade, Reboot & Reset, System Time, NTP Service
- Scheduling: reboot rule policy, working day
- SMS Service: SMS Inbox, SMS Event Management

Status
- Network Status: Connection information, Cellular Signal Quality
- Cellular Mobile: Cellular Modem Information/Status, Cellular Network Status, Cellular Signal Quality
- Security: VPN Status

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

Standard Package

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

Available Versions

SKU List[3]

EU SKU (HW: B2): 4G LTE
- LTE-FDD: B1/B3/B7/B8/B20/B28A
- LTE-TDD: B38/B40/B41

TW[4] SKU (HW: B3): 4G LTE
- LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28
- LTE-TDD: B40

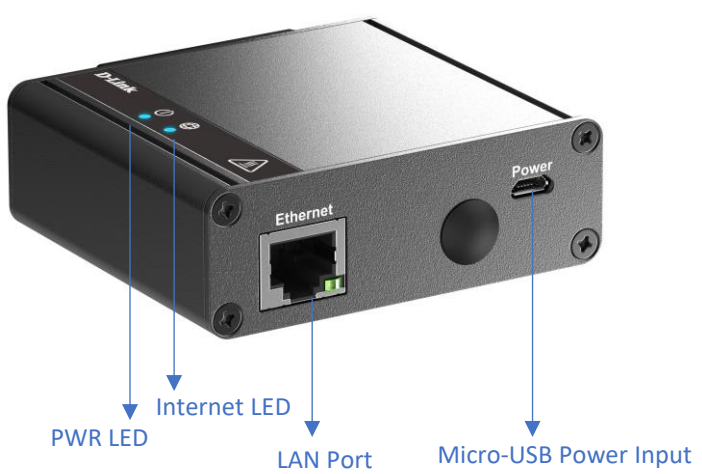
US SKU (HW: B1): 4G LTE
- LTE: B2/B4/B5/B12/B13/B14/B66

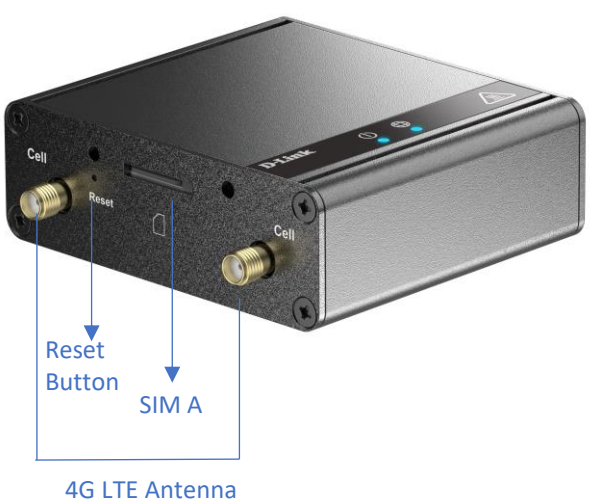
Certifications & Approvals

Certification
- CE
- UKCA
- FCC
- PTCRB

Approval[5]
- AT&T
- Verizon
- T-Mobile

1 Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.
2 D-ECS License fees will apply.
3 Supported frequency band is dependent upon hardware SKU.
4 By Project Request.
5 By Region Request.





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