



DWM-311 4G M2M Modem

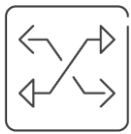
Key Features



WAN Status Monitoring



VPN Security



Bridge / NAT Mode



Plug & Play



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.

4G M2M Communications

The DWM-311 4G modem is specifically designed for real-time remote access, providing seamless connectivity across long distances for machines. This true plug-and-play system is perfect for small-scale deployments, ensuring hassle-free installation. It also includes a VPN client to secure communications, protecting data integrity and privacy across the network. Enhance local customer engagement through a reliable 4G network, for example, by delivering timely information, advertisements, and services. Optimize your operations and customer interactions effortlessly with our secure and efficient technology solution.

Centralized Management

The DWM-311 enables intuitive and straightforward device management through Web UI and SSH. It is also equipped with the D-ECS Management platform, which facilitates centralized oversight and control, ideally suited for extensive deployments or remote areas. This integration significantly cuts maintenance costs and boosts system efficiency.

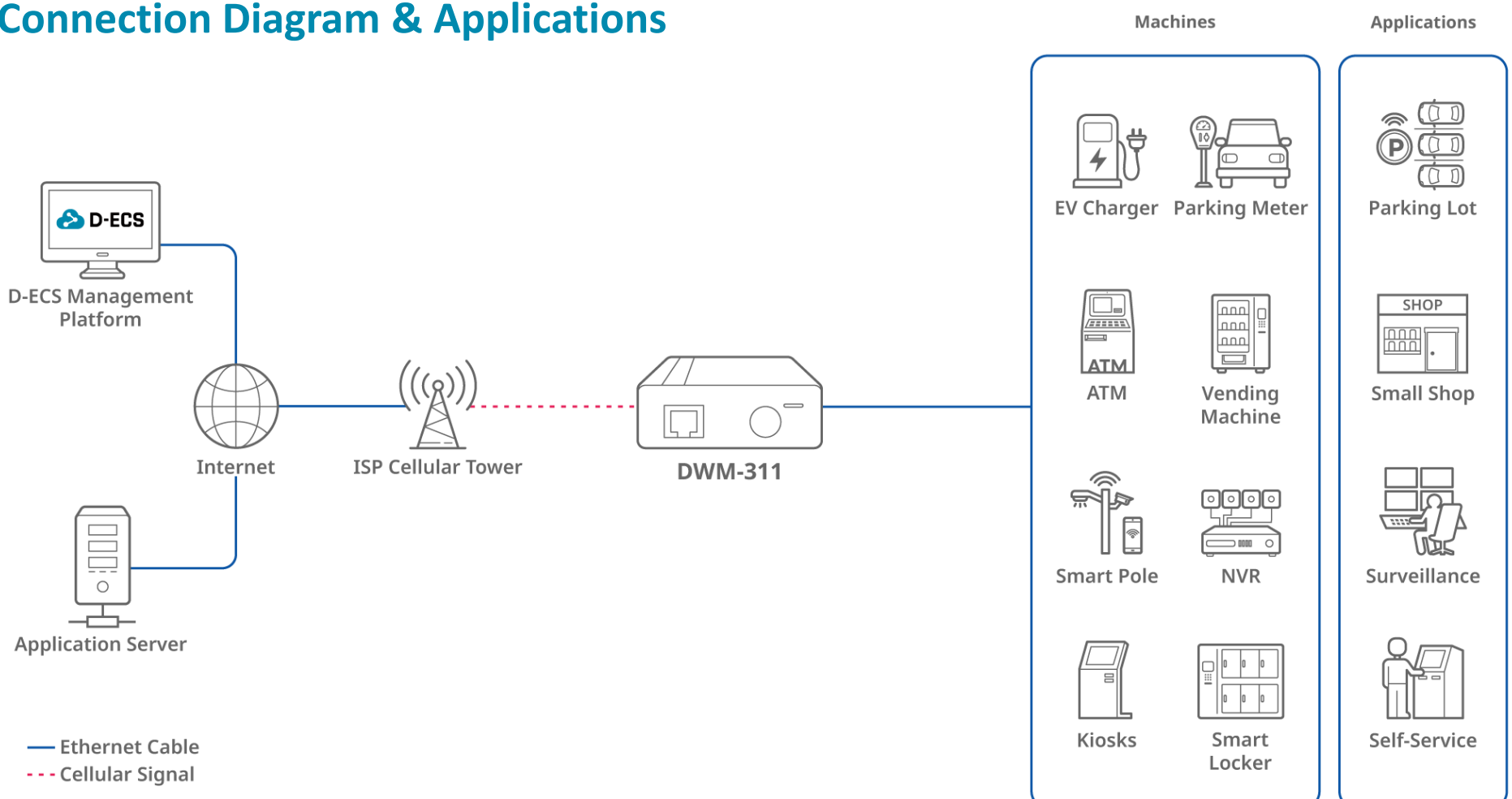
Applications

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

Robust Build Quality

The DWM-311 is built to last and withstand harsh environments, featuring a metal casing, ensuring durability and operating within a broad temperature range of -30 to 70°C. It supports a Micro USB 5V power supply and includes built-in Network Address Translation (NAT) and bridge mode, which simplify network setup while enhancing interconnectivity.

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

Performance¹

- 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-ECS²
- 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 List³

EU SKU (HW: B2): 4G LTE

- LTE-FDD: B1/B3/B7/B8/B20/B28A
- LTE-TDD: B38/B40/B41

TW⁴ 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

Approval⁵

- AT&T
- Verizon

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.

