



# DWM-314-G 5G Multi-Connect Modem

## Key Features



Dual-SIM  
Failover



Plug  
& Play



Multi-Port for  
multi-device



VPN  
Security



Industrial  
Grade Design



Management  
Platform

D-Link's DWM-314-G 5G Multi-Connect Modem provides 5G-NR and 4G-LTE dual-mode connectivity. It also features four Gigabit Ethernet ports for connectivity extension to meet M2M application requirements.

## Unleash 5G Power for Superior M2M Connectivity

The DWM-314-G 5G Multi-Connect Modem harnesses 5G technology to accelerate ultra-fast speed, reduce latency, and ensure reliable connectivity with its automatic failover feature, enhancing machine-to-machine communication. Ideal for smart parking poles, kiosks and ATMs, this modem supports real-time data transfer and remote management. Built-in 4-port Gigabit Ethernet simplify setup and reduce the extra power supply wires and the need for additional switch, making it perfect for space-constrained environments and cost saving. Additionally, secure VPN capabilities safeguard data transmission, ensuring robust security for all connected devices.

## Plug & Play for Easy Installation

Designed for instant setup, the DWM-314-G 5G modem offers real-time remote access and uninterrupted connectivity over long distances. Equipped with dual SIM slots and simply insert two Micro-SIM cards (3FF) for a reliable connection to the high-speed 5G network with seamless 4G/5G switching and for failover redundancy, even if one carrier network is down. Convenient wall and DIN-rail mounting options allow the DWM-314-G to be mounted virtually anywhere. This plug-and-play modem is perfect for small-scale deployments, ensuring robust service even in challenging environments.

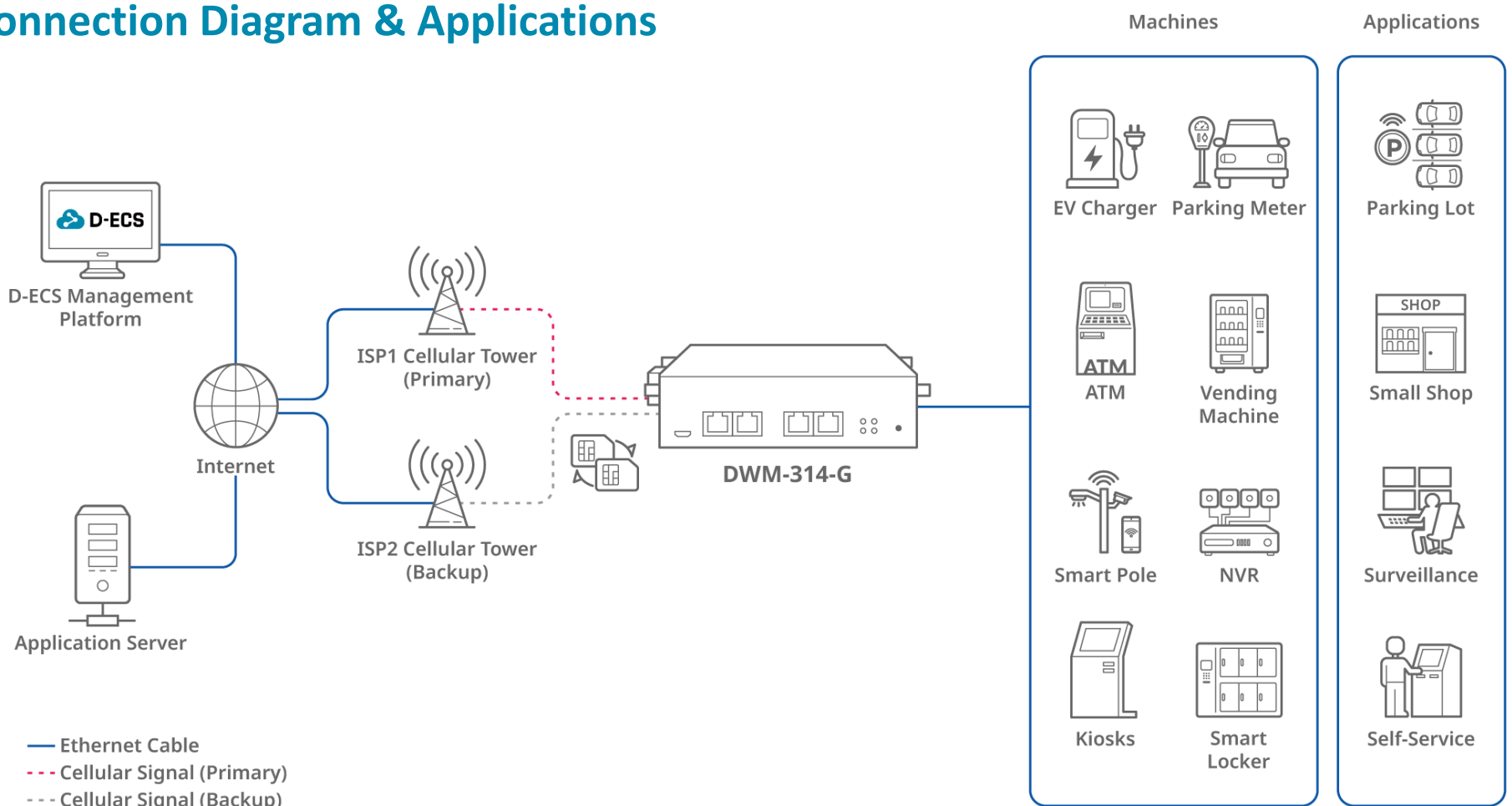
## Applications

- 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-314-G is ready for the most demanding M2M applications in virtually any environment.

## Connection Diagram & Applications



# Specifications

## Device Interface

- Cellular Module: 5G/4G 3GPP Rel. 16
- Cellular Standards: 5G NR(Sub-6GHz), 4G LTE(DL Cat.19/UL Cat.18)
- SIM Slot: 2\* SIM (3FF Micro)
- Ethernet: 4\*LAN GE
- Power Input: DC 9-36V (TB)(2-pin)
- Antenna Connector: 4\*SMA(F)-Cellular

## Performance<sup>1</sup>

- Maximum Cellular Data Throughput:  
5G NSA : 3.4 Gbps (DL) / 550 Mbps (UL)  
5G SA: 2.4 Gbps (DL) / 900 Mbps (UL)  
LTE: 1.6 Gbps (DL) / 200 Mbps (UL)

## WAN

- Cellular: NAT
- Network Monitor: ICMP Checking

## Network

- DHCP : DHCP Server
- Port Forward: Virtual Server
- DDNS: DynDNS, No-IP, Dynamic DO
- Routing: Static route, Routing information
- IPv4/v6

## Security

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

## Firewall

- Firewall: IPS, Block WAN Ping
- Access Control: Packet Filter, MAC Control

## Administration

- Configuration: Web UI, Command Script, SSH
- Management: D-Link D-ECS<sup>2</sup>
- System: FW Upgrade, Reboot & Reset, System Time, NTP Service, System Log
- Scheduling: reboot rule policy, working day
- SMS Service: SMS Inbox, SMS Event Management
- Cellular Data Capacity: Warning ratio to send SMS

## Status

- Network Status: Connection information, Cellular Signal Quality
- Cellular Mobile: Cellular Modem Information/Status, Cellular Network Status, Cellular Signal Quality, Data Usage
- Client: Client List
- 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: 131 x 99 x 40 mm

## Standard Package

- 4\* Cellular SMA Antennas
- 1\* RJ-45 Cable
- 1\* Power Adapter
- 1\* Terminal Block (2-pin)
- 1\* DIN-Rail kit

## Available Versions

### SKU List<sup>3</sup>

#### EU SKU (HW: A1):

- **5G NR:**  
n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n71/n75/n76/n77/n78
- **4G LTE:**  
FDD: B1/B3/B5/B7/B8/B20/B28/B32/B71  
TDD: B38/B40/B41/B42/B43

## Certifications & Approvals

### Certification

- CE
- UKCA

<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.

<sup>3</sup> Supported frequency band is dependent upon hardware SKU.

