



DWM-314-G

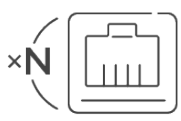
5G M2M Multi-Connect VPN Router



Key Features



5G
SA & NSA



Multi-Port GbE
Connectivity



Dual-SIM
Failover



VPN
Security



Industrial
Grade Design



Management
Platform

D-Link’s DWM-314-G 5G M2M Multi-Connect VPN Router 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 5G M2M Multi-Connect VPN Router 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. The built-in 4 Gigabit LAN ports reduce the need for an 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 offers real-time remote access and uninterrupted connectivity over long distances. Equipped with dual SIM slots, simply insert two Micro-SIM cards (3FF) for a reliable, high-speed 5G connection. Combined with seamless 4G/5G switching support, the DWM-314-G supports failover redundancy to keep devices connected, 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 ensures robust service even in challenging environments.

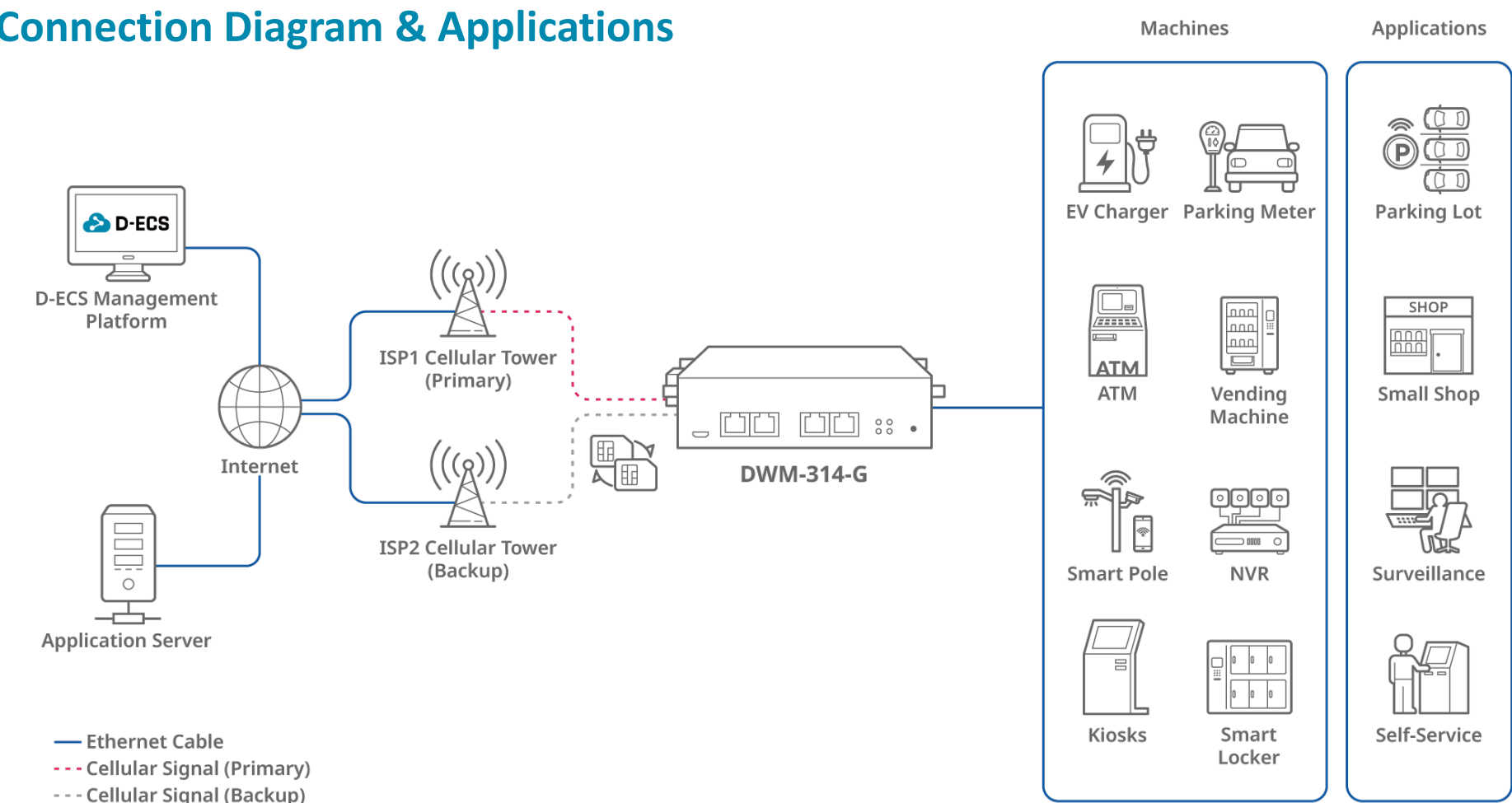
Applications

- 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 a wide operating temperature range and humidity tolerance means 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

Performance¹

- 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-ECS²
- 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

Mobile Network Support

- 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

¹ Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.
² D-ECS License fees will apply.

