



DWM-313

4G M2M Router



Key Features

Dual-SIM Failover

VPN Security

Eth & 4G Failover

SMS Event Management

Industrial Grade Design

Management Platform

D-Link's DWM-313 4G M2M Router delivers LTE Cat 4 capability. It is equipped with two Fast Ethernet ports, one of which can be configured as an Ethernet WAN. This allows easy switching between broadband and 4G LTE. Additionally, Wi-Fi N150 connectivity is provided, making it suitable for a wide range of M2M applications.

Carrier Diversity and Network Redundancy

The DWM-313 4G M2M Router ensures continuous service with Dual SIM (Micro-SIM 3FF) support for enhanced carrier diversity and network redundancy. Reliable connectivity even in locations with limited coverage is now possible. Additionally, it includes two LAN ports, one configurable as a WAN, giving you flexible options to seamlessly switch between Ethernet WAN and LTE connections, ensuring you always have the best network access.

Secure Your Network with VPN

The DWM-313 4G M2M Router boosts network security with robust VPN support, offering protocols such as IPSec, OpenVPN, PPTP, L2TP, and GRE. These features enable encrypted connections, versatile tunneling, and secure remote access to protect sensitive data effectively. Ideal for retail operations, small shops, pop-up booths, and smart parking systems, the DWM-313 ensures that financial transactions and customer information are securely managed and transmitted.

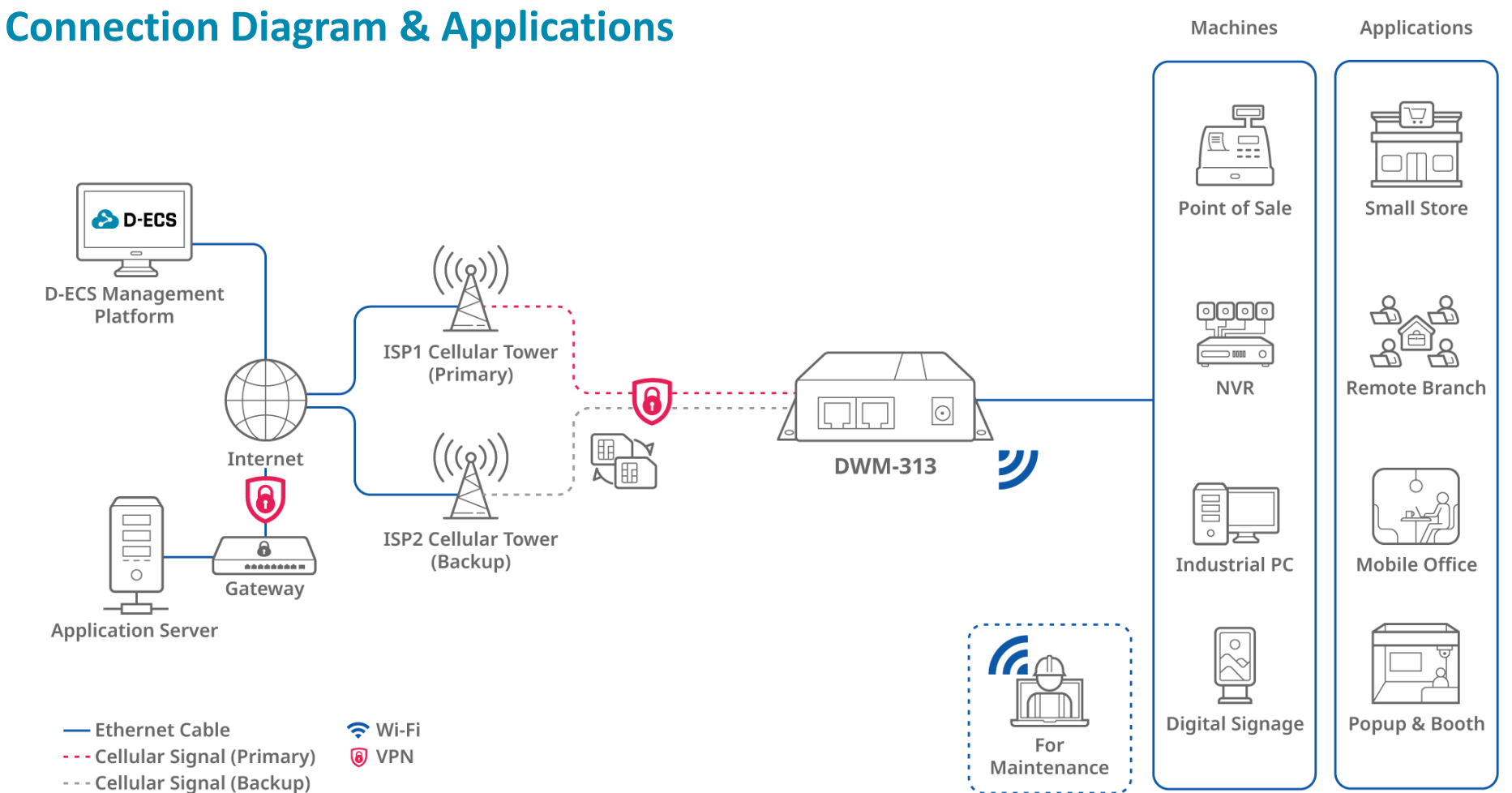
Applications

- Store & Shop
- Remote Branch
- Mobile Office
- Popup & Booth

Robust Build Quality

The DWM-313 is designed to maximize M2M connection reliability and availability, featuring a corrosion-resistant zinc-plated steel casing, wide operating temperature range and humidity tolerance, making it suitable for the most demanding M2M applications in virtually any environment. Convenient wall mounting and DIN-rail design allows the DWM-313 to be mounted virtually anywhere to optimize signal quality.

Connection Diagram & Applications



Specification

Device Interface

- Cellular Module: 4G LTE-Cat.4
- SIM Slot: 2*SIM(Micro SIM)
- Ethernet: 1*WAN/LAN FE, 1*LAN FE
- WiFi: WiFi N150(2.4GHz)
- Micro SD Slot: 1*Micro SD for log.
- Power Input: DC 5V (DC Jack)
- Antenna Connector: 2*SMA(F)-Cellular, 1*SMA(RP-F)-WiFi

Performance¹

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

WAN

- Multi-WAN: Cellular, Ether-WAN, Failover
- Cellular: NAT, Bridge
- Ether-WAN: Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- Network Monitor: ICMP Check/DNS Query

Network

- LAN & VLAN: DHCP Server/Relay, Port/Tag based VLAN
- Port Forward: DMZ, Virtual Server & Computer, VPN Pass-through
- Routing: Static, Dynamic RIPv1/v2, OSPF
- DDNS: DynDNS, No-IP, Dynamic DO
- IGMP, IPv4/v6

Wi-Fi

- Standard: IEEE 802.11 n/b/g
- Modes: AP Router
- Function: Multi SSID, WMM
- Security: WEP,WPA,WPA2,WPA-PSK,WPA2-PSK, 802.1x
- 2.4GHz Data Rate: 150 Mbps

Service

- Cellular Toolkit: Data usage, SMS, SIM PIN, Network Scan
- Event Handling: Event Management, Notifying Events

External Server

Ext. Server: Email, Syslog Server

VPN

- VPN Tunnel: IPSec, OpenVPN, PPTP,L2TP,GRE
- IPsec Scenario: Site/Host to Site/host

Security

- Firewall: SPI Firewall with Stealth Mode, IPS, Block WAN Ping
- Access Control: Packet Filter, URL Blocking, MAC Control

Administration

- Configuration: Web UI, CLI, Command Script
- Management: SNMPv1/2/3, D-Link D-ECS²
- System: FW Upgrade, Backup & Restore Config, Reboot & Reset, System Log, NTP Service
- Diagnostic: Diagnostic Tools, Packet Analyzer

Status

- Network Status: Connection information, Cellular Signal Quality
- Cellular Mobile: WAN & LAN Interface Network Status, Cellular Modem Status
- Security: VPN Status, Firewall Status
- Statistics&Reports: Connection Session, Login Statistics, Cellular Usage, Cellular Signal

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: 93 x 90 x 27mm

Standard Package

- 2* Cellular SMA Antennas
- 1* WiFi RP-SMA Antenna
- 1* RJ-45 Cable
- 1* Power Adapter
- 1* DIN-Rail kit

Available Versions

SKU List³

EU SKU (HW: C1): 4G LTE

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

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.
³ Supported frequency band is dependent upon hardware SKU.

