



# DWM-313 4G M2M Router



## Key Features



Dual-SIM  
Failover



VPN  
Security



Eth & 4G  
Failover



SMS Event  
Management



Industrial  
Grade Design



Management  
Platform

## Applications

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

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.

## M2M Network

The DWM-313 4G cellular router, a masterpiece in M2M networking, delivers 4G connectivity for seamless remote operations. Its built-in Wi-Fi empowers technicians with effortless remote maintenance, eliminating costs. Dual Ethernet ports meet essential M2M needs. Additionally, the remote management platform D-ECS enables smart diagnostics of devices, minimizing the need for on-site personnel and further cutting operational costs.

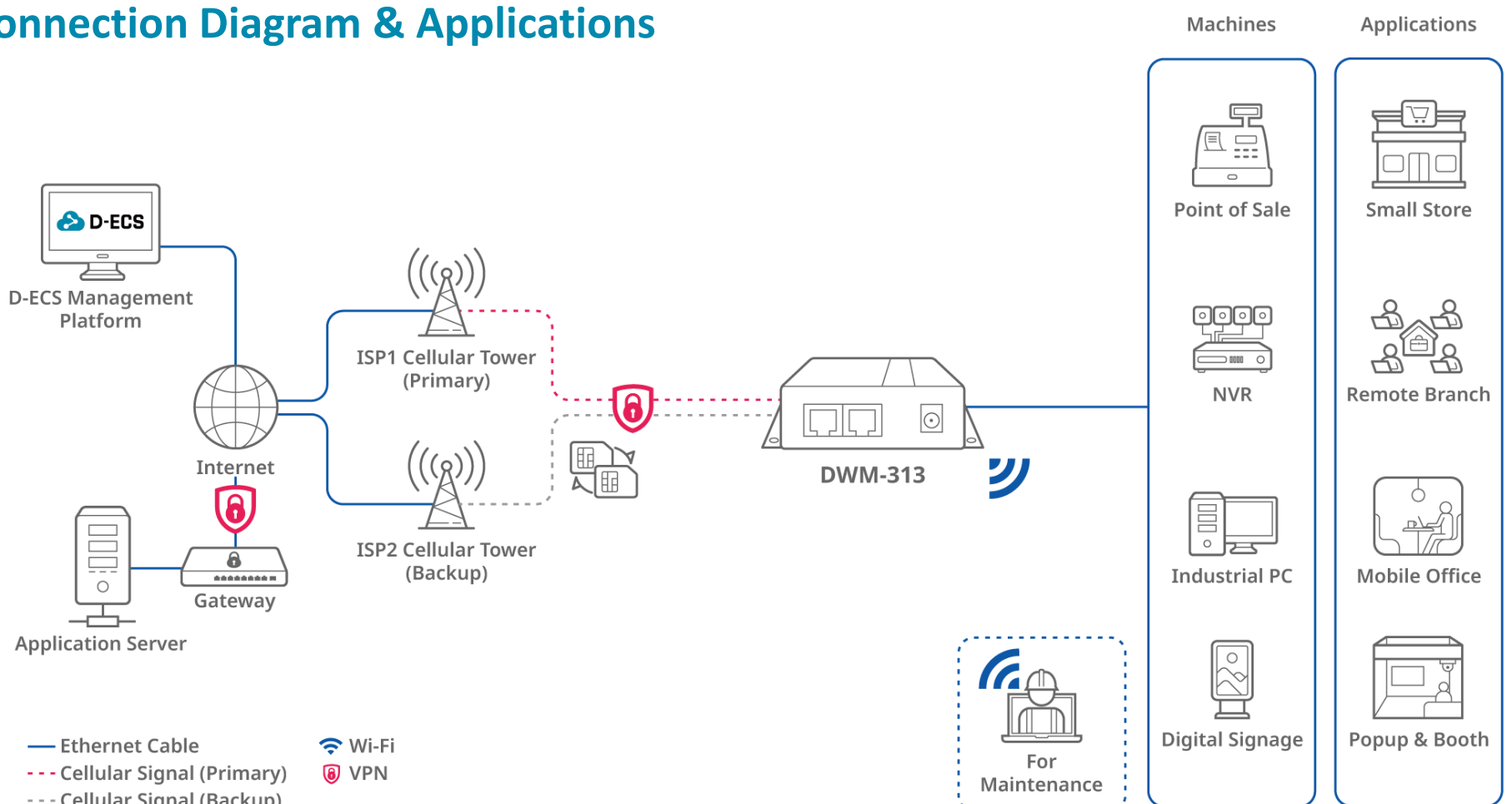
## Superior Connection Capability

Empower your operations with the DWM-313, which provides a backup connection in case of disruption, thereby ensuring stable connectivity. It features auto-failover, and multiple WAN switching options to maintain superb connectivity. The failover capabilities across dual SIM cards and between 4G and Ethernet WAN connections ensure seamless service without interruptions. The device is equipped with multiple VPN protocols including IPSec, OpenVPN, PPTP, L2TP, and GRE. These VPN features enhance security by facilitating encrypted connections, offering versatile tunneling options, and enabling secure remote access. Whether for data protection, creating secure tunnels for remote work, or connecting multiple sites, these VPN capabilities ensure that your network remains secure and flexible.

## Suitable for Harsh Environment

The DWM-313 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 DC 5V power supply and includes built-in Network Address Translation (NAT) and bridge mode, which simplify network setup while enhancing interconnectivity.

## 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

## Performance<sup>1</sup>

- 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-ECS<sup>2</sup>
- 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 List<sup>3</sup>

#### EU SKU (HW: C1): 4G LTE

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

#### TW<sup>4</sup> SKU (HW: C3): 4G LTE

- LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28
- LTE-TDD: B40

#### US SKU (HW: C2): 4G LTE

- LTE: B2/B4/B5/B12/B13/B14/B66

## 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.

<sup>4</sup> By Project Request.

