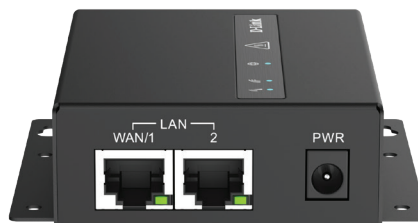


DWM-313

4G M2M Router



Key Features



**Dual-SIM
Failover**



**VPN
Security**



**Eth and 4G
Failover**



**SMS Event
Management**



**Industrial
Grade Design**



**Management
Platform**

Applications

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

The 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 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.

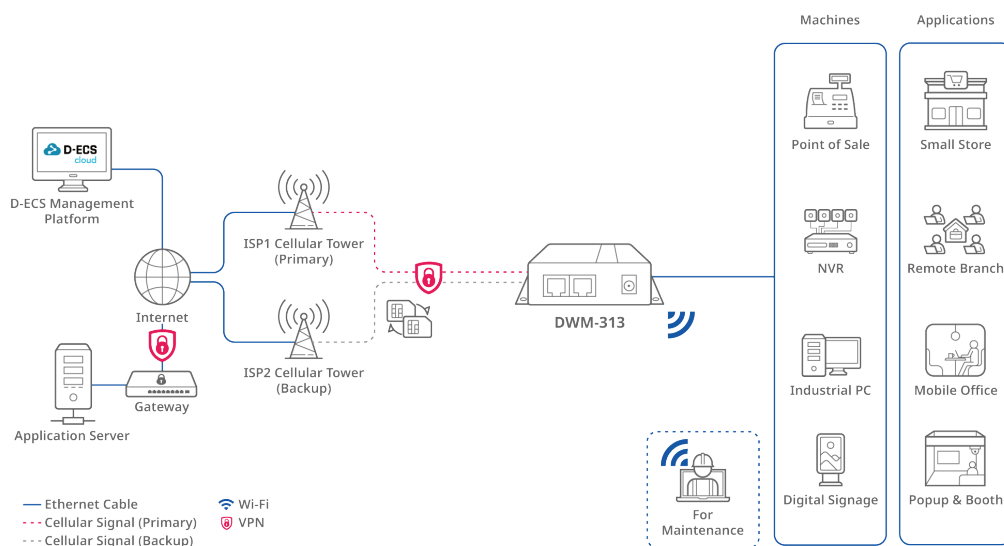
Secure Your Network with VPN

The DWM-313 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.

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



Specifications

Device Interface
<ul style="list-style-type: none">Cellular: 4G LTE Cat 4SIM Slot: 2 x SIM (Micro SIM) with auto failoverEthernet: 1 x FE WAN/LAN port, 1 x FE LAN portWi-Fi: Wi-Fi N150 (2.4 GHz)Log Storage: Micro SD slotPower Input: DC 5 V (DC jack)Antenna Connectors: 2 x SMA (F) cellular, 1 x SMA (RP-F) Wi-Fi
Performance ¹
<ul style="list-style-type: none">Maximum Cellular Data Throughput:<ul style="list-style-type: none">LTE: 150 Mbps (DL) / 50 Mbps (UL)Maximum Wi-Fi Data Rate:<ul style="list-style-type: none">2.4 GHz: Up to 150 Mbps
WAN
<ul style="list-style-type: none">WAN Interface: Cellular, Ether-WANMulti-WAN Function: FailoverCellular: NAT, bridgeEther-WAN: Dynamic IP, static IP, PPPoE, PPTP, L2TPConnection Monitoring: Ping/DNS query reboot
Network
<ul style="list-style-type: none">LAN & VLAN: DHCP server/relay, port/tag-based VLANRouting: Static, dynamic RIPv1/v2, OSPFDDNS: DynDNS, No-IP, dynamic DO
Wi-Fi
<ul style="list-style-type: none">Function: Multi SSID, WIDS, AP router modeSecurity: WPA/WPA2, WPA2, WPA2-PSK, WPA-PSK/WPA2-PSK, 802.1xEncryption: WEP, AES, TKIP/AES
Services
<ul style="list-style-type: none">Cellular Toolkit: Data usage, SMS, SIM PIN, network scanEvent Management: SMS, e-mail
VPN
<ul style="list-style-type: none">VPN Tunnel: IPSec, OpenVPN, PPTP, L2TP, GREVPN Pass Through: IPSec, PPTP, L2TP
Security
<ul style="list-style-type: none">Firewall: SPI firewall, IPS, port forwardAccess Control: MAC/IP filter, URL blocking
Administration
<ul style="list-style-type: none">Management: SNMPv1/2/3, D-Link D-ECS²Maintenance: Web UI, diagnostic tools via ping/tracertSystem: FW upgrade, reboot and resetLogging: System log, external syslog server
Monitoring
<ul style="list-style-type: none">Device Status: CPU/memory usage, WAN status, client listCellular Status: IMSI, ICCID, operator, band, RSSI, SINR, RSRP, RSRQSecurity: VPN status, firewall statusStatistics and Reports: Cellular signal, cellular usage

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

Operating Environment
<ul style="list-style-type: none">Operating Temperature: -30 to 70°C (-22°F to 158°F)Storage Temperature: -40 to 85°C (-40°F to 185°F)Operating Humidity: 10% to 95% non-condensingStorage Humidity: 0 to 95% non-condensingDimensions: 90 x 90 x 27 mm
Certifications and Approvals
<ul style="list-style-type: none">Certifications: CE, UKCACyber Security: EN 18031-1, EN 18031-2, EN 303645
Package Contents (Standard)
<ul style="list-style-type: none">2 x Cellular SMA Antennas1 x Wi-Fi RP-SMA Antenna1 x RJ-45 Cable1 x Power Adapter1 x DIN-Rail Kit

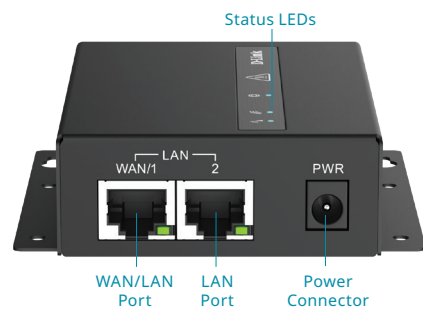
Available Versions

EU SKU (HW: C1)	
4G LTE	FDD: B1/B3/B7/B8/B20/B28A
	TDD: B38/B40/B41

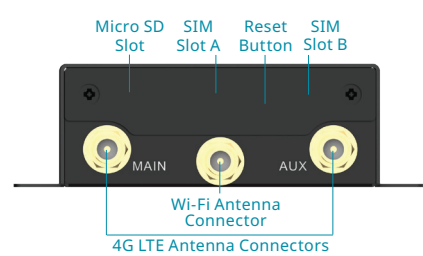
¹ Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.
² You only have to pay a M2M device license fee when applying for D-ECS license.

Hardware

Front View



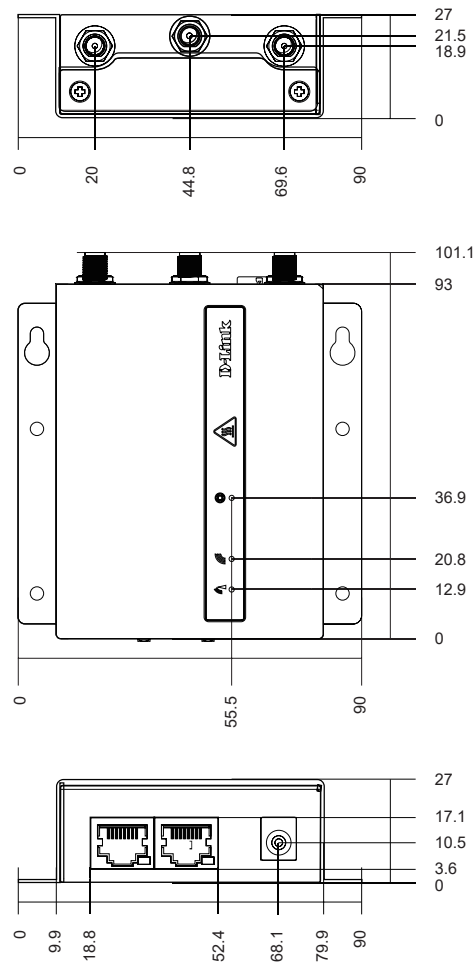
Back View



Spatial Measurement

The following diagrams provide the product's physical dimensions measured from top, front, left, and right views for installation and integration reference.

Unit: mm



Mounting Space Requirements

