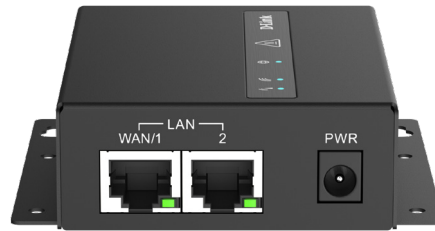


DWM-313

4G M2M Wi-Fi Router



4GX

4G+

Band 28

700 MHz

Cat 4

Key Features:



Dual-SIM Failover

Two SIM slots with auto-failover redundancy to ensure uninterrupted cellular WAN connectivity.



Secure VPN Protection

Protect sensitive data transmission via secure VPN tunnels to prevent unauthorised network access.



Ethernet & 4G Redundancy

Seamless failover between Ethernet WAN and 4G for reliable connectivity.



SMS Event Management

Facilitate remote management via SMS, minimising staff exposure to hazardous environments.



Industrial Grade Durability

Corrosion-resistant zinc-plated steel casing and robust design ensure reliable operation in harsh environments.



Centralised Management

Conveniently manage devices from anywhere via the optional D-ECS management platform.

The DWM-313 4G M2M Wi-Fi Router delivers LTE Cat 4 connectivity and is equipped with two Fast Ethernet ports, one of which can be configured as an Ethernet WAN. This enables seamless switching between broadband and 4G LTE connections.

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. Dual SIM support enables carrier diversity and network redundancy, helping maintain connectivity when one mobile network becomes unavailable. 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.

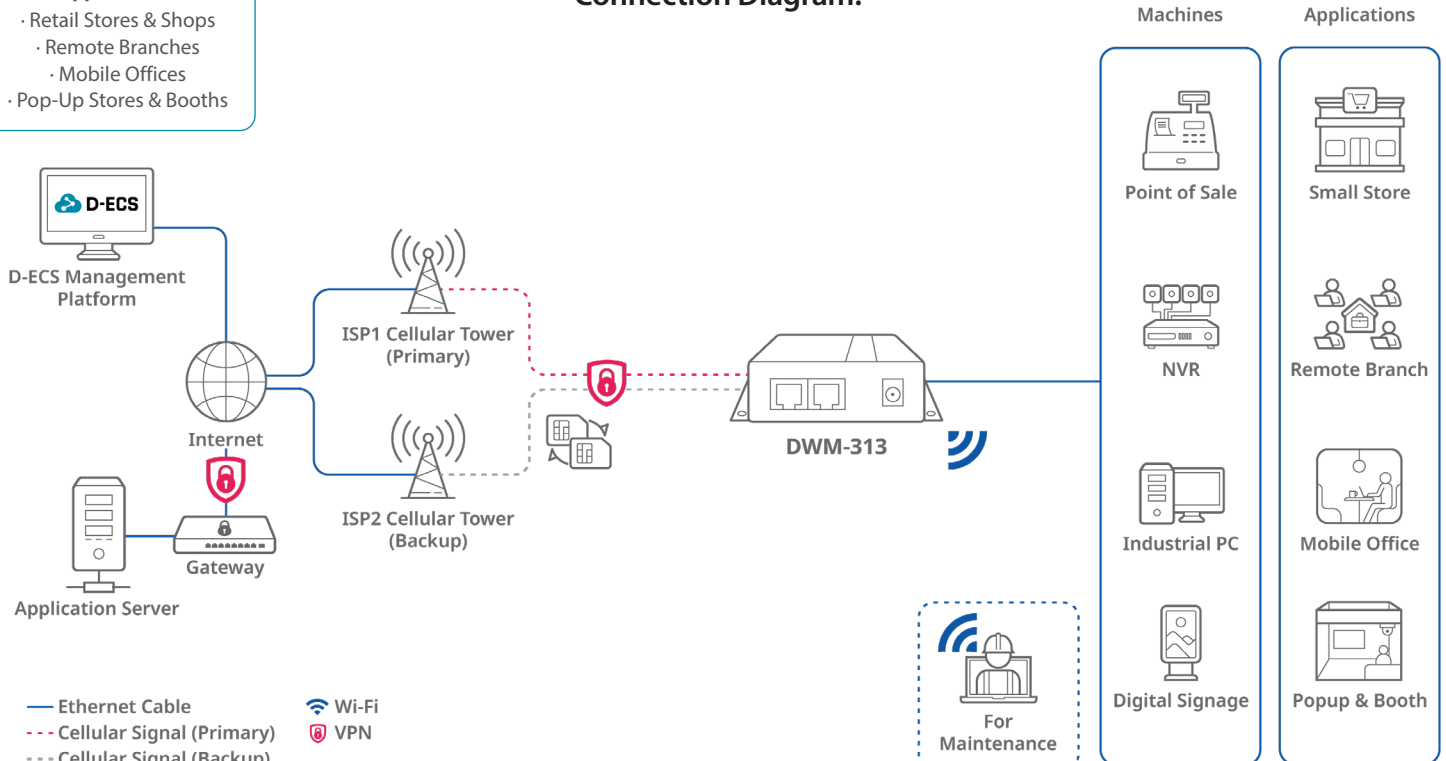
Robust Build Quality

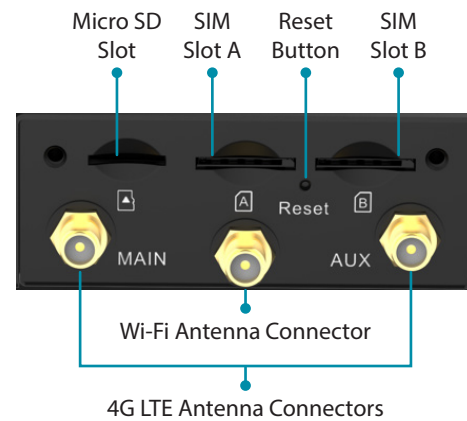
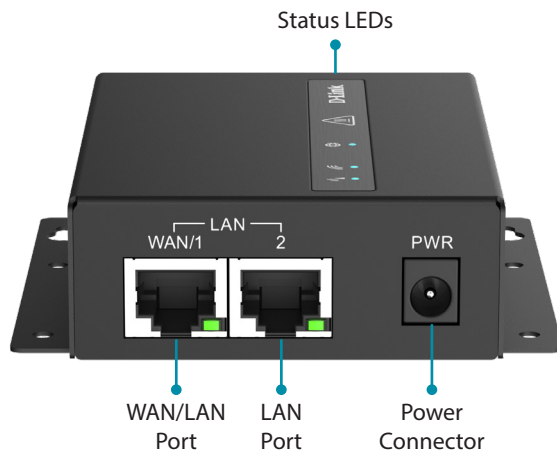
The DWM-313 is designed to maximise M2M connection reliability and availability, featuring a corrosion-resistant zinc-plated steel casing, wide operating temperature range and humidity tolerance, making it suitable for the most demanding M2M applications in virtually any environment. Wall and DIN-rail mounting options provide flexible installation for a wide range of M2M environments.

Applications:

- Retail Stores & Shops
- Remote Branches
- Mobile Offices
- Pop-Up Stores & Booths

Connection Diagram:





Technical Specifications

General

Device Interfaces	- Cellular: 4G LTE Cat 4 - SIM Slots: 2 x SIM (Micro SIM) with auto failover - Ethernet: 1 x FE WAN/LAN port, 1 x FE LAN port - Wi-Fi: Wi-Fi N150 (2.4 GHz) - Log Storage: Micro SD slot	- Power Input: DC 5 V (DC jack) - Maximum Power Consumption: 3.35 Watts - Antenna Connectors: 2 x SMA (F) cellular, 1 x SMA (RP-F) Wi-Fi
Performance ¹	Maximum Cellular Data Throughput: LTE: 150 Mbps (Download) / 50Mbps (Upload)	Maximum Wi-Fi Data Rate: 2.4 GHz: Up to 150 Mbps
WAN	- WAN Interface: Cellular, Ether-WAN - Multi-WAN Function: Failover - Cellular: NAT, bridge	- Ether-WAN: Dynamic IP, static IP, PPPoE, PPTP, L2TP - Connection Monitoring: Ping/DNS query reboot
Network	LAN & VLAN: DHCP server/relay, port/tag-based VLAN	- Routing: Static, dynamic RIPv1/v2, OSPF - DDNS: DynDNS, No-IP
Wi-Fi	- Function: Multi SSID, WIDS, AP router mode - Encryption: WEP, AES, TKIP/AES	Security: WPA/WPA2, WPA2, WPA2-PSK, WPA-PSK/WPA2-PSK, 802.1x
Services	Event Management: SMS, e-mail	
VPN	VPN Tunnel: IPSec, OpenVPN, PPTP, L2TP, GRE	VPN Pass Through: IPSec, PPTP, L2TP
Security	Firewall: SPI firewall, IPS, port forward	Access Control: MAC/IP filter, URL blocking
Administration	- Management: SNMPv1/2/3, D-Link D-ECS² - Maintenance: Web UI, diagnostic tools via ping/tracert	- System: FW upgrade, reboot and reset - Logging: System log, external syslog server
Monitoring	- Device Status: CPU/memory usage, WAN status, client list - Cellular Status: IMSI, ICCID, operator, band, RSSI, SINR, RSRP, RSRQ	- Security: VPN status, firewall status - Statistics and Reports: Cellular signal, cellular usage - Optional D-ECS Management and Monitoring System

Physical

Dimensions	101.1 x 90 x 27 mm
Operating Temperature	-30 to 70°C
Storage Temperature	-40 to 85°C
Operating Humidity	10% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing

Other

Certifications	- CE, UKCA, VCCI, JATE, TELEC, RCM - Cyber Security: EN 18031-1, EN 18031-2, EN 303645
----------------	---

Ordering Information

DWM-313	4G M2M Wi-Fi Router
Barcode / UPC	790069462528

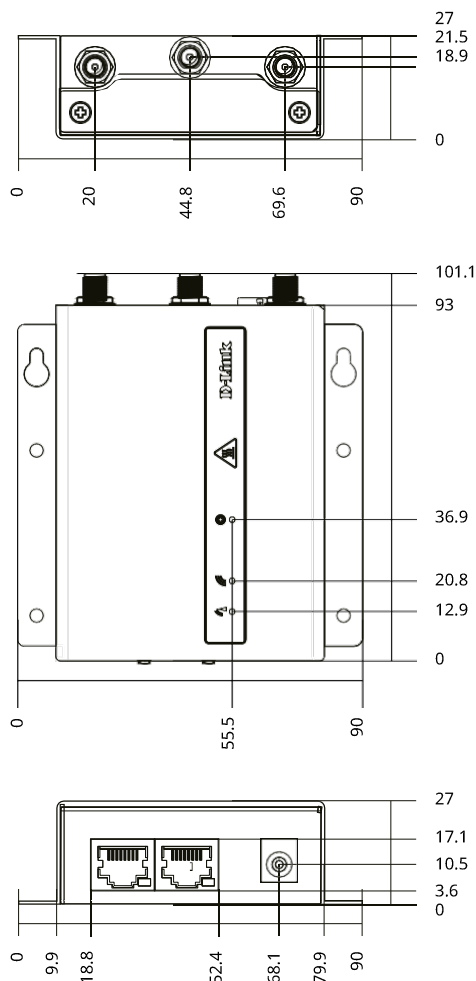
¹ Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.

² You only have to pay a M2M device licence fee when applying for D-ECS licence.

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

