D-Link®

DWM-314-T
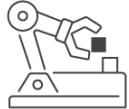## 4G Multi-Connect Modem

Key Features

Plug & Play

Multi-Port FE Connectivity

SMS Event Management

VPN Security

Industrial Grade Design

Management Platform — D-ECS

Applications

- Parking Lot
- Small Shop
- Surveillance
- Self-Service

D-Link's DWM-314-T Multi-Connect Modem provides 4G-LTE cellular capability. It also features four Fast Ethernet ports for connectivity extension to meet M2M application requirements.

Optimize Smart Parking with 4G LTE Connectivity

The DWM-314-T 4G Multi-Connect Modem enhances smart parking solutions with uninterrupted 4G LTE connectivity, facilitating real-time data transmission to alleviate traffic congestion and increase parking efficiency. This modem features a built-in 4-port Gigabit switch, minimizing the extra power supply wires and the need for additional equipment, reducing extra switch cost and installation complexity. Secure VPN technology protects vehicle information and parking fee transactions, ensuring robust security for both drivers and parking management.

Plug & Play for Easy Installation

Simply insert a Nano-SIM card (4FF) and power up; the DWM-314-T instantly connects your M2M devices to the robust 4G LTE cellular network. This modem's rugged, compact design is perfect for any setting, including harsh environments, offering flexible wall and DIN-rail mounting options. Designed for effortless, real-time remote access, it provides reliable long-distance connectivity ideal for various applications.
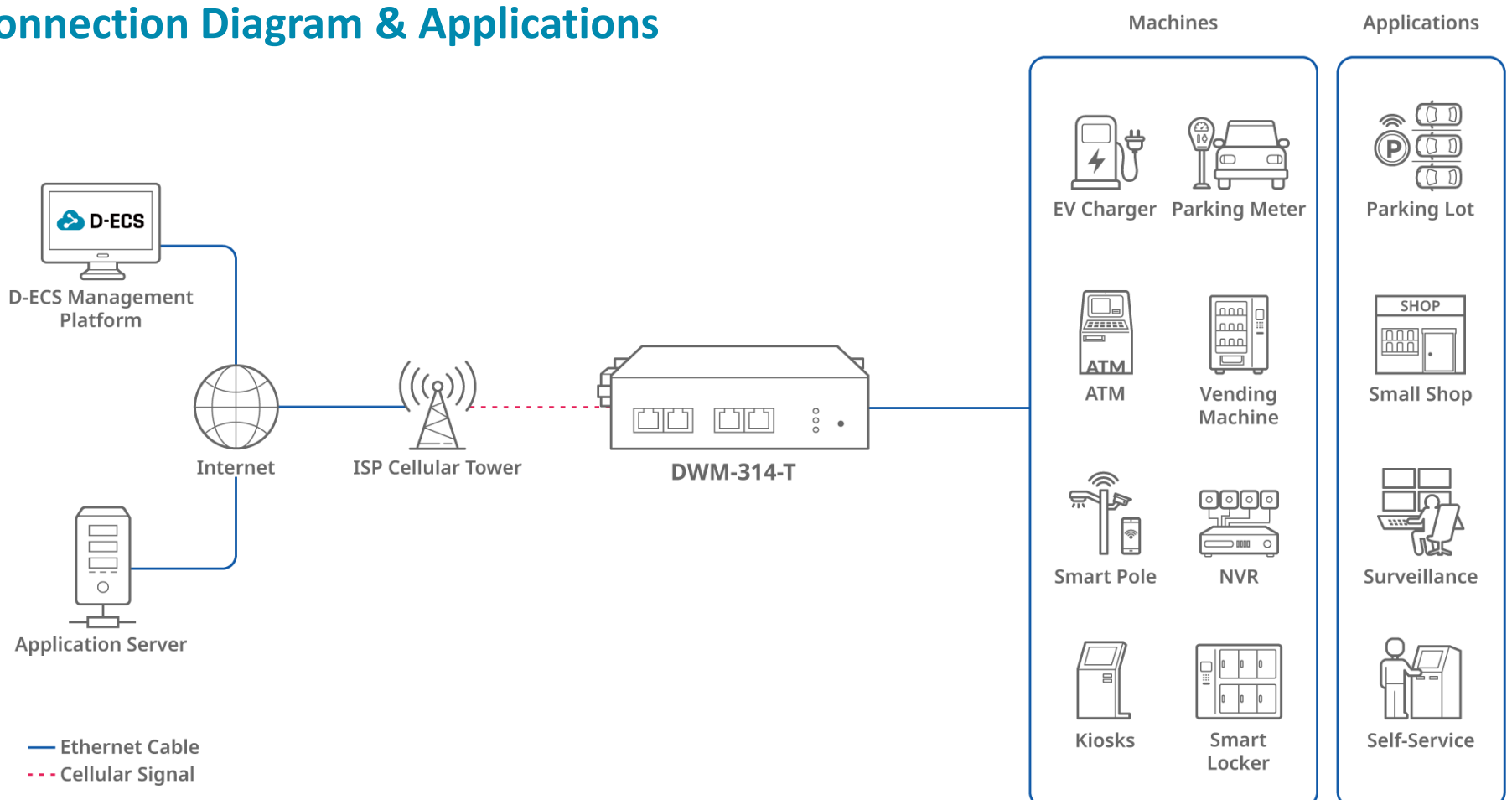
Robust Build Quality

The industrial-grade casing provides reliable high-speed connectivity in extreme conditions. The corrosion-resistant zinc-plated steel case with wide operating temperature range and humidity tolerance mean that the DWM-314-T is ready for the most demanding M2M applications in virtually any environment.

Connection Diagram & Applications

D-ECS Management Platform

Application Server

Internet

ISP Cellular Tower

DWM-314-T

— Ethernet Cable
--- Cellular Signal

Machines

EV Charger — Parking Meter

ATM — Vending Machine

Smart Pole — NVR

Kiosks — Smart Locker

Applications

Parking Lot

SHOP — Small Shop

Surveillance

Self-Service

Specifications

Device Interface
- Cellular Module: 4G LTE-Cat.4
- SIM Slot: 1*SIM(4FF Nano)
- Ethernet: 4*LAN FE
- Power Input: DC 9-36V (TB)(2-pin)
- Antenna Connector: 2*SMA(F)-Cellular

Performance[1]
- Maximum Cellular Data Throughput:
  LTE: 150 Mbps (DL) / 50 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
- VPN Usage: Client mode

Firewall
- Firewall: IPS
- Access Control: Packet Filter, MAC Filter

Administration
- Configuration: Web UI, SSH
- Management: D-Link D-ECS[2]
- System: FW Upgrade, Reboot & Reset, System Time, NTP Service
- Scheduling: reboot rule policy, working day
- SMS Service: SMS Inbox, SMS Event Management

Status
- Network Status: Connection information, Cellular Signal Quality
- Cellular Mobile: Cellular Modem Information/Status, Cellular Network Status, Cellular Signal Quality
- 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: 115 x 99 x 31 mm

Standard Package

- 2* Cellular SMA Antennas
- 1* RJ-45 Cable
- 1* Power Adapter
- 1* Terminal Block (2-pin)
- 1* DIN-Rail kit

Available Versions

SKU List[3]	
EU SKU (HW: A1): 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.

4G LTE Antenna

Ant-L1   Ant-L2
GND   Power Input

LAN1 LAN2 LAN3 LAN4

LAN Port   Status LEDs   Reset Button

Ant-R1   Ant-R2

Maintenance port   SIM Slot   DIN Rail