D-Link®

DWM-314-T
4G Multi-Connect Modem

Key Features

WAN Status Monitoring

Plug & Play

Multi-Port for multi-device

VPN Security

Industrial Grade Design

Management Platform

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.

4G M2M Communications

The DWM-314-T 4G modem is specifically designed for real-time remote access, providing seamless connectivity across long distances for machines. This true plug-and-play system is perfect for small-scale deployments, ensuring hassle-free installation. It also includes a VPN client to secure communications, protecting data integrity and privacy across the network. Enhance local customer engagement through a reliable 4G network, for example, by delivering timely information, advertisements, and services. Optimize your operations and customer interactions effortlessly with our secure and efficient technology solution.

Centralized Management

The DWM-314-T enables intuitive and straightforward device management through Web UI and SSH. It is also equipped with the D-ECS Management platform, which facilitates centralized oversight and control, ideally suited for extensive deployments or remote areas. This integration significantly cuts maintenance costs and boosts system efficiency.
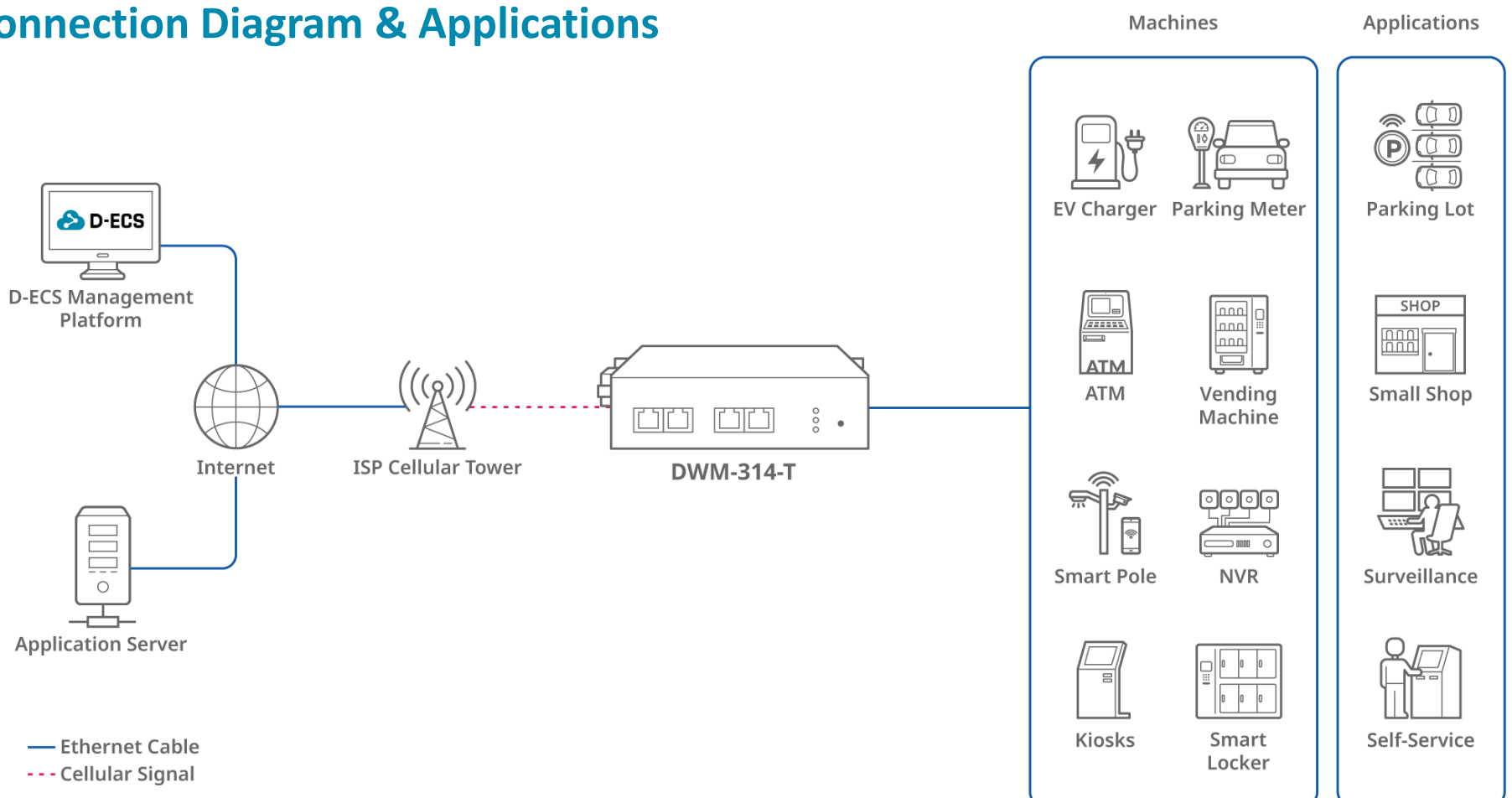
Suitable for Harsh Environment

The DWM-314-T is designed to withstand harsh conditions with a metal casing ensuring durability and operates effectively within a temperature range of -30 to 70°C. Additionally, the device supports a wide voltage range of VDC 9-36V, increasing power adaptability, and includes built-in Network Address Translation (NAT) and bridge mode, which simplify network setup and enhance interconnectivity, making it ideal for M2M applications that require fast and reliable network connections.

Connection Diagram & Applications

Machines | Applications

D-ECS Management Platform

Application Server

Internet

ISP Cellular Tower

DWM-314-T

EV Charger | Parking Meter | Parking Lot

ATM | Vending Machine | Small Shop

Smart Pole | NVR | Surveillance

Kiosks | Smart Locker | Self-Service

— Ethernet Cable
--- Cellular Signal

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	

- **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

GND   Power Input

Ant-L1   Ant-L2

GND   PWR

LAN1 LAN2 LAN3 LAN4

LAN Port

Status LEDs   Reset Button

Ant-R1   Ant-R2

Maintenance port   SIM Slot   DIN Rail

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