



DWM-530-T 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
- Smart Bus Stop
- Popup & Booth

D-Link's DWM-530-T 4G M2M Router delivers LTE Cat 4 capability. It is equipped with Four 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 N300 connectivity is provided, making it suitable for a wide range of M2M applications.

M2M Network

The DWM-530-T 4G cellular router is expertly designed for Machine to Machine (M2M) networks, providing stable 4G connectivity for efficient operations in remote environments. With multiple Ethernet ports for multiple devices, reducing the need for external switches and lowering costs. Embedded Wi-Fi technology that technicians run remote maintenance, eliminating the need for physical disassembly and significantly reducing maintenance expenses. Additionally, the remote management platform D-ECS enables smart diagnostics of devices, minimizing the need for on-site personnel and further cutting operational costs.

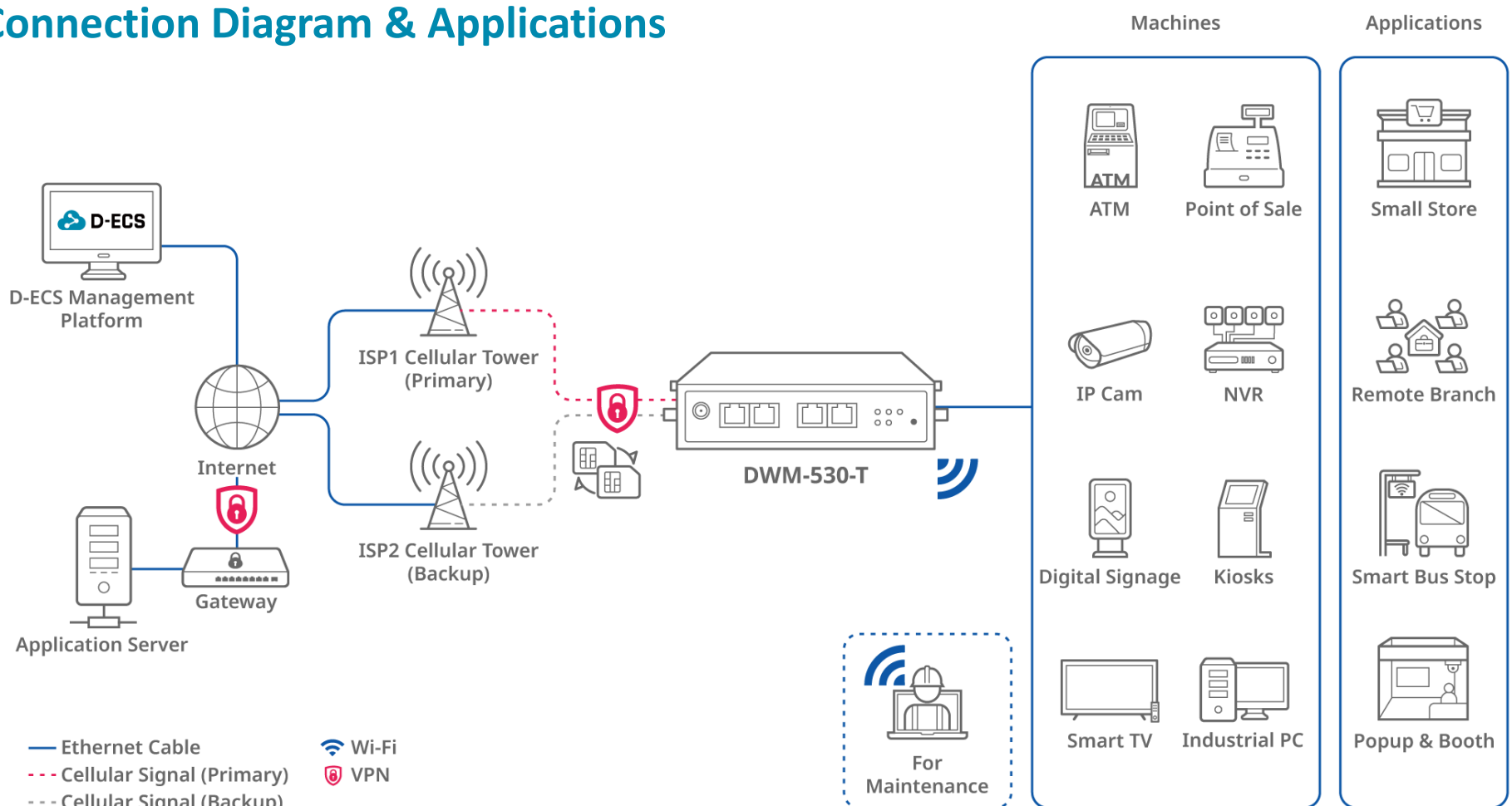
Superior Connection Capability

Empower your operations with the DWM-530-T, 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-530-T is designed to withstand harsh environments with its metal casing ensuring durability and operates within a broad temperature range from -30 to 70°C. It supports wide input voltage range of DC 9-36V. Additionally, the model features built-in Network Address Translation (NAT) and bridge mode, simplifying network setup while enhancing security and interconnectivity.

Connection Diagram & Applications



Specification

Device Interface

- Cellular Module: 4G LTE-Cat.4
- SIM Slot: 2*SIM(Micro SIM)
- Ethernet: 1*WAN/LAN FE, 3*LAN FE
- WiFi: WiFi N300(2.4GHz)
- GNSS: GPS/GLONASS
- Micro SD Slot: 1*Micro SD for log.
- Power Input: DC 9-36V (TB)(2-pin)
- Antenna Connector: 2*SMA(F)-Cellular, 2*SMA(RP-F)-WiFi, 1*SMA(F)-GPS

Performance¹

- 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, BGP
- 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: 300 Mbps

Service

- Cellular Toolkit: Data usage, SMS, SIM PIN, Network Scan
- Event Handling: Event Management, Notifying Events
- Scheduling: reboot rule policy, working day

External Server

Ext. Server: Email, Syslog Server

Available Versions

SKU List³

EU SKU (HW: A1): 4G LTE

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

US SKU (HW: A2): 4G LTE

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

VPN

- VPN Tunnel: IPSec, OpenVPN, PPTP,L2TP,GRE
- IPsec Scenario: Site/Host to Site/host; Dynamic VPN

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-ECS²
- 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: 131 x 99 x 31mm

Standard Package

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

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.

