D-Link

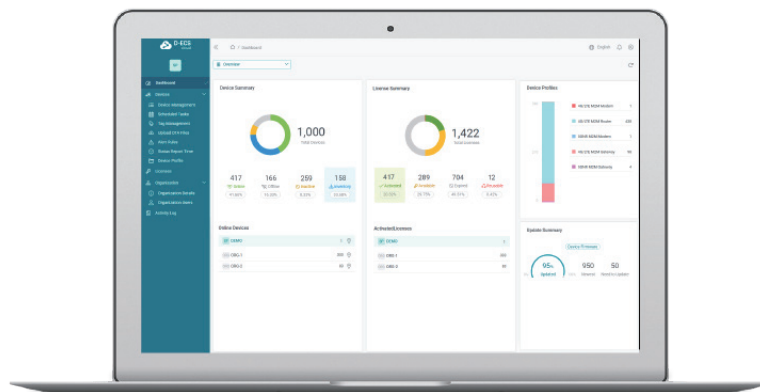## D-ECS

D-Link Remote Management Platform

Key Features

Status Monitoring and Alerts

Traffic Report for Data Analysis

View Client Lists

Scheduled Tasks

Geo-Location with Google Maps

Floor Plan View

Multi-Tenant Role-based Access Control

Built-in Diagnostic Tools

D-ECS is a secure, cloud-based platform hosted on AWS that simplifies the remote monitoring and management of your 4G/5G M2M devices—no technical expertise required. Whether managing routers, modems, or gateways, D-ECS offers scalable control from anywhere through an intuitive dashboard.

Enhanced Business Operation

Manage your entire device fleet through a user-friendly, unified, and intuitive dashboard. Automate routine tasks like firmware updates, reboots, and configuration deployments with flexible scheduling to reduce manual workload and avoid service disruptions. Group devices by tags or groups and leverage built-in diagnostics to quickly identify and resolve issues—enhancing operational efficiency and minimizing downtime.

Improved Decision-Making

Visualize current performance with charts showing signal quality for cellular (SINR, RSRP, RSRQ) and usage data for LAN, Wi-Fi, and cellular. Export or assess data live to make informed decisions. View Ethernet or wireless connected end-client devices to maintain awareness of what matters most to your customers without interrupting their operations.

Network Status at a Glance

Get a clear view of device status through geo-location and floor plan views. Easily pinpoint online/offline units by indicating their locations and monitor connectivity across your deployment—ensuring fast response and efficient maintenance planning.

Connection Diagram

Email Notification

Alert

Gmail / Office 365

SSO by SAML 2.0

User Email

Email Registration

Map for Geo-Location

Device Location

D-ECS cloud

D-ECS Management Platform

License Key

Https

D-Link License System

4G/5G M2M Modem & PoE Modem

4G/5G M2M Router

4G/5G IIoT Geteway

GPS

5G Transit Gateway

D-ECS

Specifications

Dashboard

- Device Summary: Online/offline/inactive/inventory counts, count by model
- Google Maps: Integration to display device locations with color-coded status (online/green, offline/gray, inactive/orange)
- Floor Plan View: Visually monitor device status on your custom floor map

Device Management

- Batch import via Excel/CSV files (serial numbers) or manual entry
- Activation/deactivation with license binding (1 license for 1 device)
- Status monitoring: connectivity status, device info., cellular signal metrics
- Remote operations: reboot, reset, firmware upgrade, configuration import/export
- Diagnostics Tools: ping, trace route, bandwidth tests (upload/download)
- Cellular signal quality and traffic usage metrics charts
- Historical data export for signal quality and data usage

Scheduled Tasks

- Task Types: Reboots, resets, firmware upgrades, configuration deployments
- Target Selection: Filter devices by model, IMEI range, MAC address range, tag, or group
- Scheduling Modes: Immediate, time-based schedules (date/time), or recurring tasks (daily/weekly)

Tag Management

- Create tags with custom names and colors
- Assign up to 5 tags per device via bulk operations or individual assignment

Upload OTA (Over-the-Air) Files

- Upload device firmware files for remote upgrades
- Upload device configuration files for remote deployments

Alerts & Notifications

- Rule Configuration: Status change triggers, traffic threshold
- Email alerts to predefined recipients (multi-select users)

License Management

- Hierarchical distribution (SP admins can assign licenses to ORG)
- SP/ORG admins import the purchased license keys
- Assign/retrieve licenses by term across organizations
- Track expiration dates, remaining terms, and reusable licenses

Organization & User Roles

- List of subordinate organizations with summary information
- Structure Management: Define regions > sites > groups for physical device grouping
- Floor plan editor with device mapping (PNG/JPG background, drag-and-drop icons)
- User Roles: Admin, manager, supervisor, monitor
- Supports SAML 2.0 SSO (Office 365, Google)

Activity Logging

- User activity logs
- Device logs

Supported Devices

D-Link 4G/5G M2M Products

M2M Modem	DWM-311, DWM-314-T, DWM-311-G, DWM-314-G
PoE Modem	DWM-311-TP, DWM-314-TP, DWM-311-GP, DWM-314-GP
M2M Router	DWM-313, DWM-530-T, DWM-550-G
IIoT Gateway	DOM-311-TSO, DOM-530-TSO, DOM-550-GSO
Transit Gateway	DTM-570-GS, DTM-550-G

License Order Information

Device Licenses

DECS-T0-LIC	3-month free trial for 1 device
DECS-Y1-LIC	1-year license for 1 device
DECS-Y3-LIC	3-year license for 1 device

Interface Overview

D-Link®