



# Electrical Wholesaler Product Catalog

One Connection · Infinite Possibilities



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- M2M Modems
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- Mobile Access Devices
- ODU's / IDUs
- Home Wi-Fi - AQUILA PRO AI Series

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**For Business**

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- Easy Smart Switches
- Standard Smart Switches
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# About D-Link

D-Link, a global leader in the networking industry, began expanding worldwide under the D-Link brand in 1986 and was officially established as D-Link Corporation in Taiwan in 1987. With 90 operational and sales locations across 43 countries, D-Link provides innovative and reliable networking equipment, AI-powered cloud management services, and complete infrastructure solutions for individuals, homes, businesses, and industries. The company is committed to driving the global transformation toward smarter connectivity.

Built on the brand promise of MIT quality, creative innovation, solution-oriented, one-stop service, and sustainable design, D-Link delivers exceptional products and services that meet the evolving needs of users worldwide. Since joining the Taiwan Steel Group in 2020, the company has further solidified its position as a global leader in intelligent networking solutions. Through continuous innovation and a firm commitment to ESG, innovation, and global excellence, D-Link has earned widespread recognition in corporate governance, ESG performance, and international design awards.

Looking ahead, D-Link will further integrate global resources to strengthen operational synergy, reinforce its leadership in the smart networking industry, and realize its brand vision “One Connection • Infinite Possibilities.”

## MIT QUALITY



Taiwanese engineering excellence—precision, reliability, and innovation at its core.

## CREATIVE INNOVATION



Pioneering next-gen networking through visionary R&D and user-centric design.

## SOLUTION ORIENTED



Intelligent, adaptable solutions empowering homes, businesses, and industries.

## ONE-STOP SERVICE

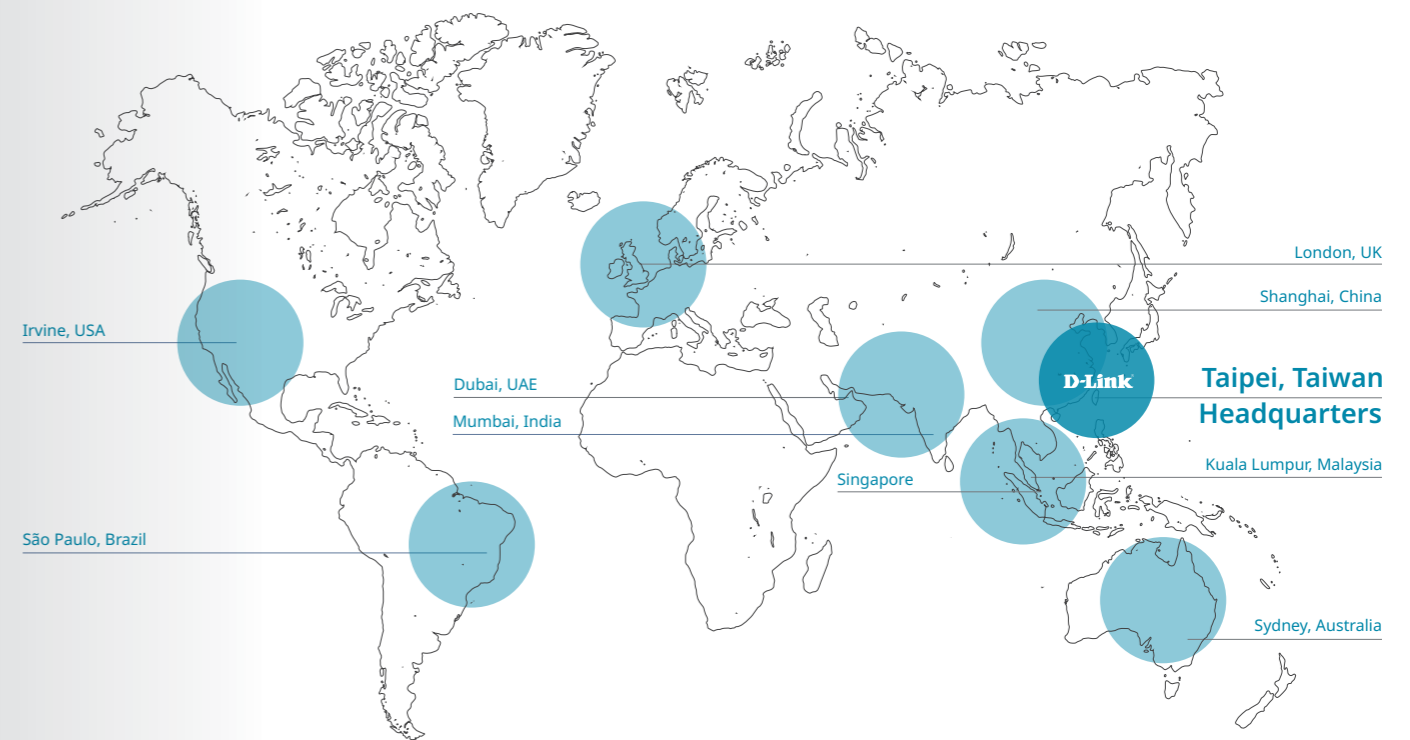


Comprehensive solutions with seamless support for an effortless experience.

## SUSTAINABLE DESIGN



Eco-conscious innovation with energy-efficient tech and green packaging for a sustainable future.



**35+** Years of networking experience

**90** Sales offices in 43 countries

**35** RMA centers

**1460+** Employees globally

# Your One-Stop Network Solution Partner

D-Link offers a comprehensive range of networking products that empower technicians to build complete and reliable solutions for small to medium-sized installation scenarios. From switches and routers to wireless access points, 4G / 5G mobile series, and accessories, every product is designed for seamless compatibility and professional performance. Whether upgrading existing networks or deploying new infrastructure, technicians can easily combine D-Link products into flexible, end-to-end solutions.

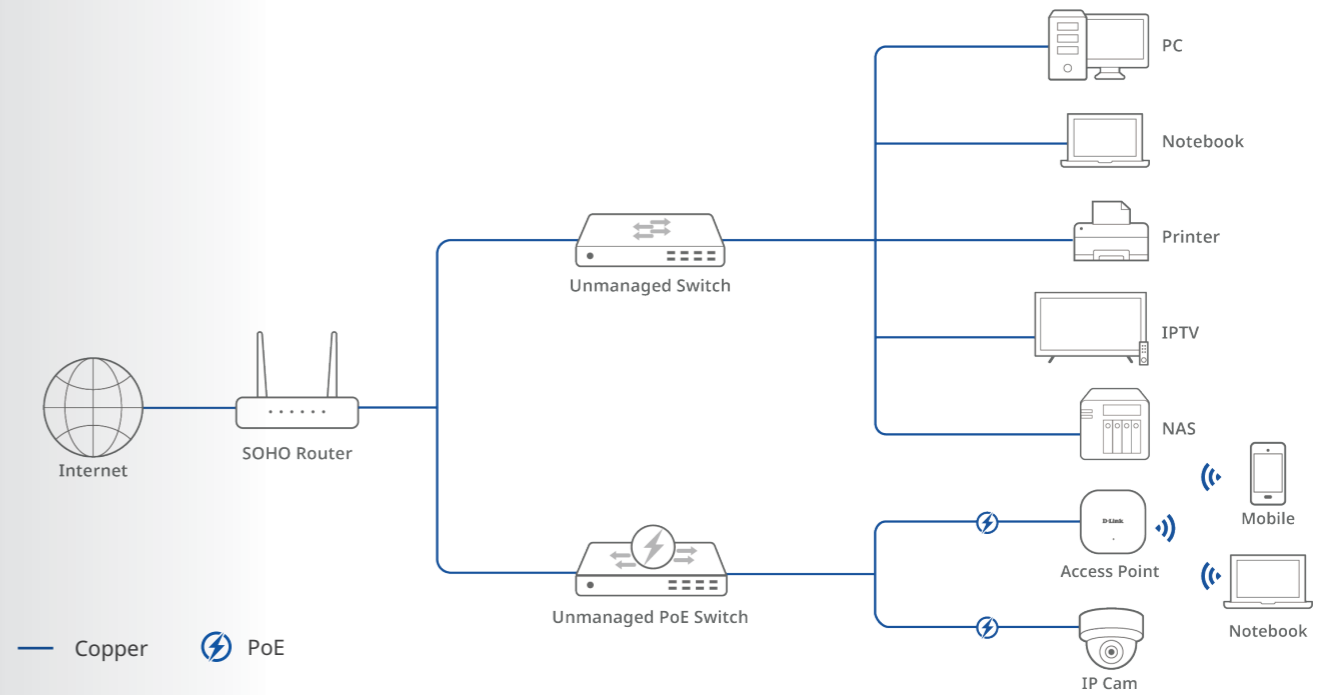


# Unmanaged Switches

## Plug and Play Simplicity, Versatile Edge Connectivity



### Explore the Possibilities



### Copper Switches

- Diverse port options and speeds for homes and small offices
- QoS and flow control for reliable connectivity
- IEEE 802.3az EEE for energy saving

| Series   | Model     | Description                                |
|----------|-----------|--|
| DGS-1000 | DGS-105   | 5 Ports 1G Unmanaged Switch                |
|          | DGS-105GL | 5 Ports 1G Unmanaged Switch                |
|          | DGS-108   | 8 Ports 1G Unmanaged Switch                |
|          | DGS-108GL | 8 Ports 1G Unmanaged Switch                |
|          | DGS-1016D | 16 Ports 1G Unmanaged Switch               |
|          | DGS-1016S | 16 Ports 1G Unmanaged Switch               |
|          | DGS-1024D | 24 Ports 1G Unmanaged Switch               |
| DMS-1000 | DMS-105   | 5 Ports 2.5G Unmanaged Switch              |
|          | DMS-107   | 5 Ports 1G + 2 Ports 2.5G Unmanaged Switch |
|          | DMS-108   | 8 Ports 2.5G Unmanaged Switch              |
|          | DMS-1016  | 16 Ports 2.5G Unmanaged Switch             |
|          | DMS-1024  | 24 Ports 2.5G Unmanaged Switch             |

### Copper PoE Switches

- Diverse PoE standards, from PoE+ to PoE++ (90W)
- Auto-detects PoE devices and power allocation
- Green power for energy and cost saving

| Series   | Model      | Description  |
|----------|------------|--|
| DGS-1000 | DGS-1005P  | 4 Ports 1G PoE+ + 1 Port 1G Unmanaged Switch, 60W          |
|          | DGS-1008P  | 4 Ports 1G PoE+ + 4 Ports 1G Unmanaged Switch, 60W         |
|          | DGS-1010P  | 8 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 125W    |
|          | DGS-1018P  | 16 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 240W   |
|          | DGS-1026P  | 24 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 240W   |
|          | DGS-1026MP | 24 Ports 1G PoE+ + 2 Ports 1G Combo Unmanaged Switch, 370W |
| DMS-1000 | DMS-108P   | 8 Ports 2.5G PoE++ Unmanaged Switch, 230W                  |

**IGMP Snooping**

**Quality of Service**

**Fanless Design**

**Plug and Play**

**Cable Diagnostics**

**Easy Maintenance**

**Energy Saving**

**802.3x Flow Control**

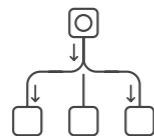
Designed for plug-and-play convenience without complex configuration, the unmanaged switches provide cost-effective solutions for network expansion based on various scenarios and instant connectivity for home and small office users with no management required. The unmanaged switches are available in 10/100M, 1G and 2.5G speeds with durable metal casing or lightweight plastic design to meet different business requirements.

# Easy Smart Switches

Easy Control,  
Smart Performance



**Easy Management**



**IGMP Snooping**



**Loopback Detection**



**Traffic Segmentation**



**Green Ethernet**



**Fanless Design**



**Cable Diagnostics**

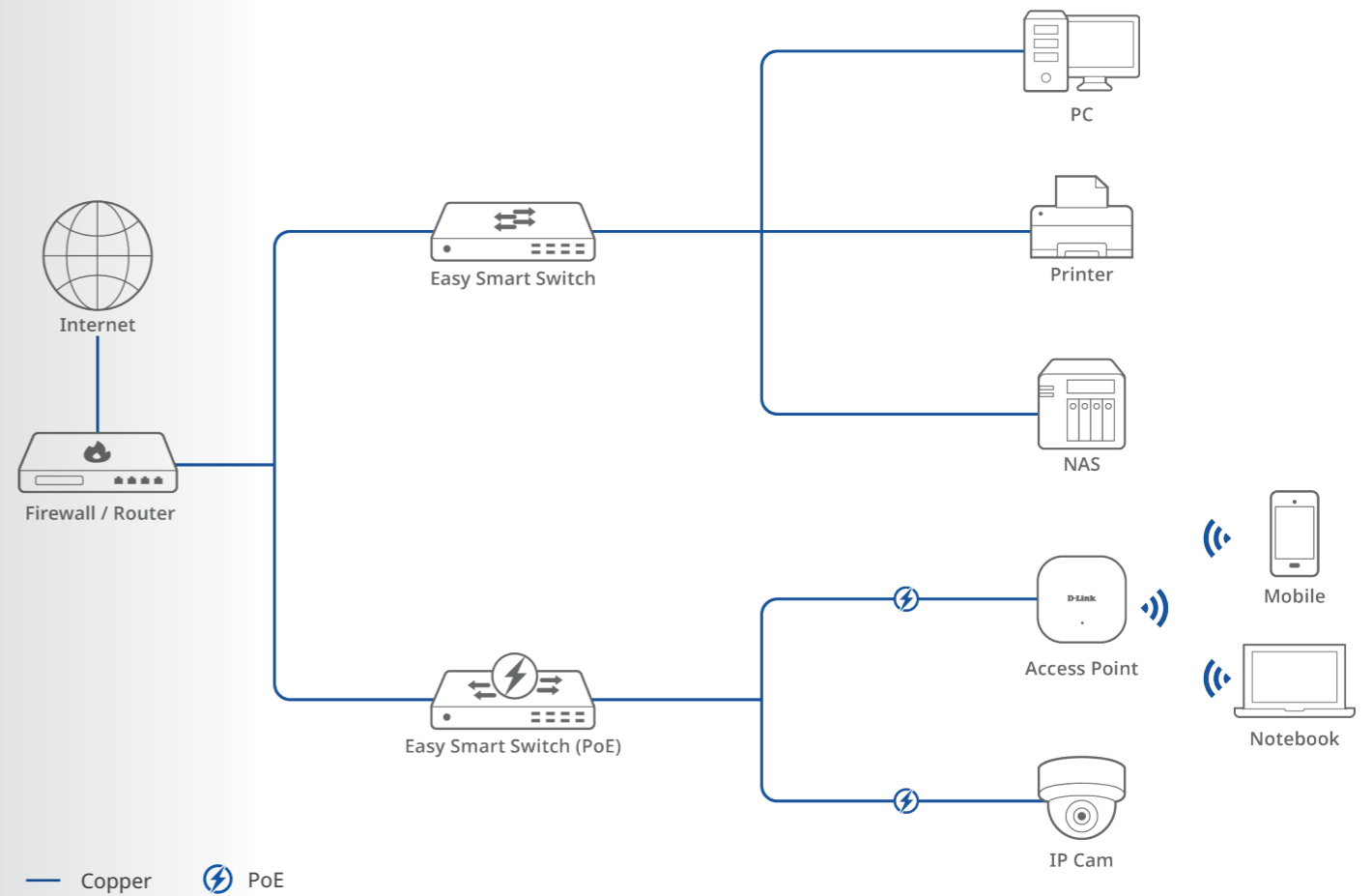


**Centralized Management**

The Easy Smart switch serves as an optimal upgrade from an unmanaged switch, connecting client devices with ports scaling from 5 to 24. It provides a cost-effective solution for businesses of all sizes needing straightforward network management. The Easy Smart switch series is a range of switches designed to meet the requirements of small, medium, and enterprise businesses.

Designed specifically for small and midsize business networks that require simple network management, the Easy Smart switch offers network monitoring for users to observe traffic behavior. With advanced security features such as static MAC, storm control, and IGMP snooping, it can identify and even locate connection problems on your business network.

## Explore the Possibilities



## Copper Switches

- Cost-effective solution with 5 to 24 ports
- Supports 1000BASE-T speeds
- Ideal for computers, printers, NAS, and IoT devices

| Series   | Model         | Description                   |
|----------|---------------|-------------------------------|
| DGS-1100 | DGS-1100-05V2 | 5 Ports 1G Easy Smart Switch  |
|          | DGS-1100-08V2 | 8 Ports 1G Easy Smart Switch  |
|          | DGS-1100-16V2 | 16 Ports 1G Easy Smart Switch |
|          | DGS-1100-24V2 | 24 Ports 1G Easy Smart Switch |

## Copper PoE Switches

- Compliant with IEEE 802.3af / at standard
- Up to 370W total PoE power budget
- Easy setup with no complex configuration required for power devices

| Series   | Model           | Description   |
|----------|-----------------|---|
| DGS-1100 | DGS-1100-08PV2  | 8 Ports 1G PoE+ Easy Smart Switch, 64W                          |
|          | DGS-1100-18PV2  | 16 Ports 1G PoE+ + 2 Ports 1G Combo PoE Easy Smart Switch, 130W |
|          | DGS-1100-24PV2  | 12 Ports 1G PoE+ + 12 Ports 1G Easy Smart Switch, 100W          |
|          | DGS-1100-26MPV2 | 24 Ports 1G PoE+ + 2 Ports 1G Combo Easy Smart Switch, 370W     |

# Standard Smart Switches

## Intelligent Switching for Every Need



**SNMP Management**



**Static Route**



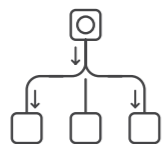
**Traffic Segmentation**



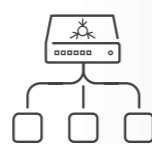
**Centralized Management**



**User Authentication**



**IGMP Snooping**



**Link Aggregation**

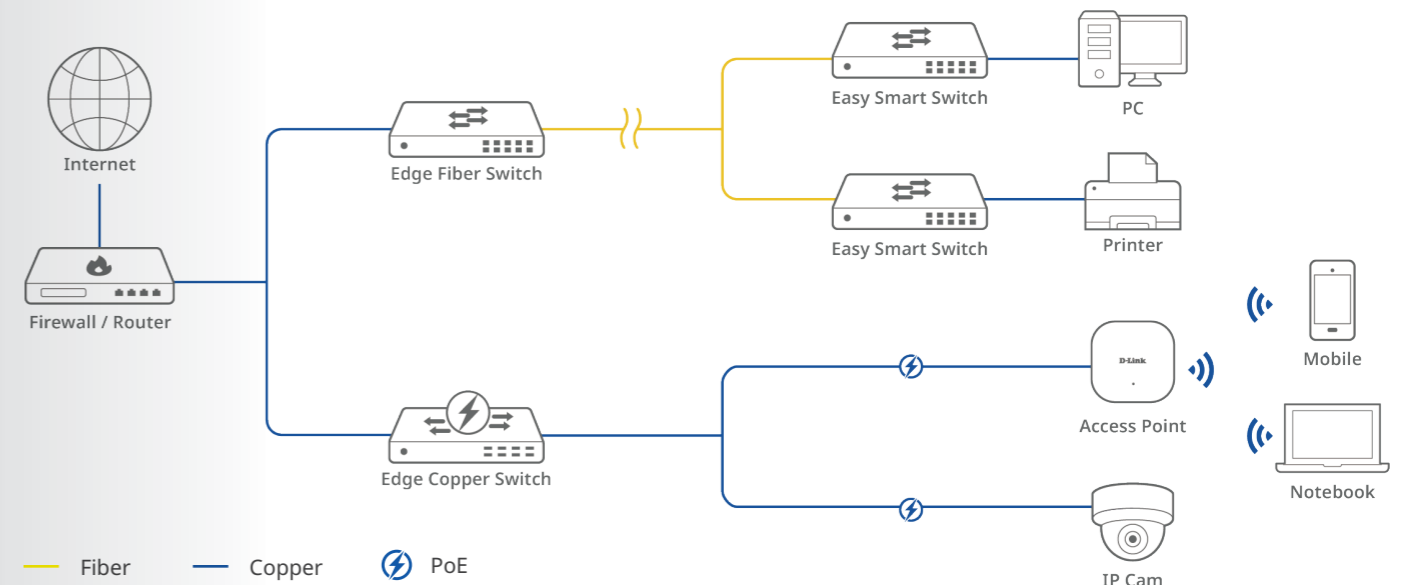


**11 Web GUI Languages**

Standard Smart switches offer enhanced control, visibility, and performance compared to unmanaged switches. Features like QoS, VLANs, and basic security (ACLs, 802.1X) improve network optimization and protect against unauthorized access. With a user-friendly web interface, they are easy to configure and manage, making them cost-effective for SMBs and home networks.

These switches connect a variety of devices including computers, NAS, printers, IP cameras, VoIP phones, WAPs, and smart home devices. With Gigabit and multi-Gigabit port options, they provide scalable solutions for diverse business networking needs in SMBs, home networks, branch offices, schools, retail stores and much more.

## Explore the Possibilities



## Copper Switches

- Cost-effective solution with 10 to 52 ports
- 1G / 2.5G / 10G BASE-T speeds
- Ideal for computers, printers, NAS, and IoT devices

| Series   | Model        | Description   |
|----------|--------------|---|
| DGS-1210 | DGS-1210-10  | 8 Ports 1G + 2 Ports 1G SFP Standard Smart Switch                   |
|          | DGS-1210-20  | 16 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                |
|          | DGS-1210-28  | 24 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                |
|          | DGS-1210-52  | 48 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                |
| DGS-1250 | DGS-1250-28X | 24 Ports 1G + 4 Ports 10G SFP+ Standard Smart Switch                |
|          | DGS-1250-52X | 48 Ports 1G + 4 Ports 10G SFP+ Standard Smart Switch                |
| DMS-1250 | DMS-1250-10S | 8 Ports 2.5G + 2 Ports 10G SFP+ Standard Smart Switch               |
|          | DMS-1250-12  | 8 Ports 2.5G + 2 Ports 10G + 2 Ports 10G SFP+ Standard Smart Switch |
|          | DMS-1250-18  | 16 Ports 2.5G + 2 Ports 10G SFP+ Standard Smart Switch              |
|          | DMS-1250-28  | 24 Ports 2.5G + 4 Ports 10G SFP+ Standard Smart Switch              |

## Copper PoE Switches

- Easy PoE deployment with cost savings
- Versatile high-speed PoE ports
- Smart PoE control and features

| Series   | Model          | Description  |
|----------|----------------|--|
| DGS-1210 | DGS-1210-10P   | 8 Ports 1G PoE+ + 2 Ports 1G SFP Standard Smart Switch, 65W                    |
|          | DGS-1210-10MP  | 8 Ports 1G PoE+ + 2 Ports 1G SFP Standard Smart Switch, 130W                   |
|          | DGS-1210-28P   | 24 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 193W                |
|          | DGS-1210-28MP  | 24 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 370W                |
|          | DGS-1210-52MP  | 48 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 370W                |
| DGS-1250 | DGS-1250-28XMP | 24 Ports 1G PoE+ + 4 Ports 10G SFP+ Ports Standard Smart Switch, 370W          |
|          | DGS-1250-52XMP | 48 Ports 1G PoE+ + 4 Ports 10G SFP+ Standard Smart Switch, 370W                |
| DMS-1250 | DMS-1250-10SP  | 8 Ports 2.5G PoE+ + 2 Ports 10G SFP+ Standard Smart Switch, 240W               |
|          | DMS-1250-12TP  | 8 Ports 2.5G PoE+ + 2 Ports 10G + 2 Ports 10G SFP+ Standard Smart Switch, 240W |
|          | DMS-1250-18P   | 16 Ports 2.5G PoE+++ + 2 Ports 10G SFP+ Standard Smart Switch, 370W            |
|          | DMS-1250-28P   | 24 Ports 2.5G PoE+++ + 4 Ports 10G SFP+ Standard Smart Switch, 475W            |

# Switch Accessories

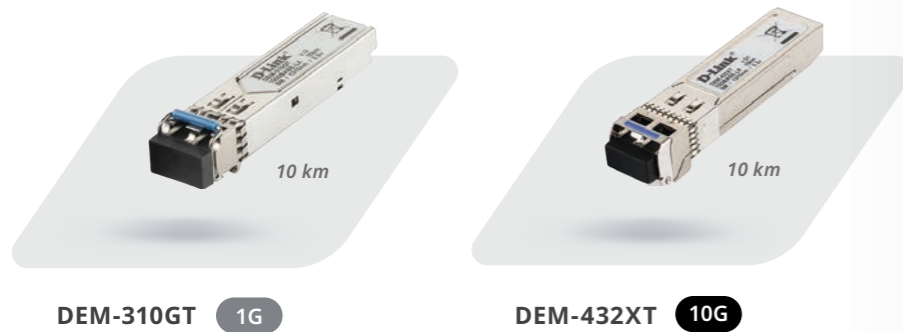
## Essential Connectivity Add-Ons for Flexible Deployment



D-Link's network accessories, including the DEM Series fiber modules, Direct Attach Cables, and DPE Series PoE Injectors, provide flexible, high-performance connectivity for a wide range of deployment needs.

The DEM Series supports long-distance, high-speed transmission over single- or multi-mode fibers with data rates of up to 100G, while the Direct Attach Cables ensure fast and stable connections between devices for seamless network operation. Complementing these, the PoE Injectors deliver both power and data to PoE-enabled devices such as IP cameras and access points, allowing flexible installation without the need for nearby power outlets.

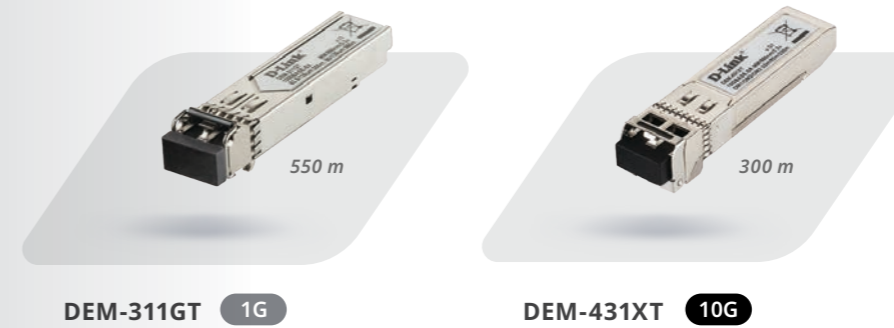
### Single-Mode Transceivers



DEM-310GT 1G

DEM-432XT 10G

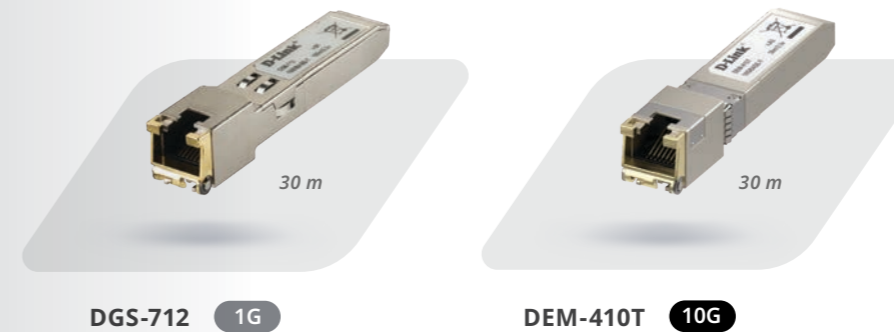
### Multi-Mode Transceivers



DEM-311GT 1G

DEM-431XT 10G

### Ethernet



DGS-712 1G

DEM-410T 10G

### PoE Injector



DPE-101GI  
Gigabit PoE Injector

DPE-301GI  
Gigabit PoE+ Injector

DPE-302GE  
2-Port Gigabit PoE Extender

### Direct Attach Cables



DEM-CB100S

DEM-CB300S

# Nuclias Network Controllers

Centralized, Intuitive Interface for Deployment and Configuration



**Centralized Device Management**

**Role-Based Administration**

**Real-Time Monitoring and Alerts**

**Traffic Reporting and Analytics**

**Compliant with IEEE 802.1Q VLAN**

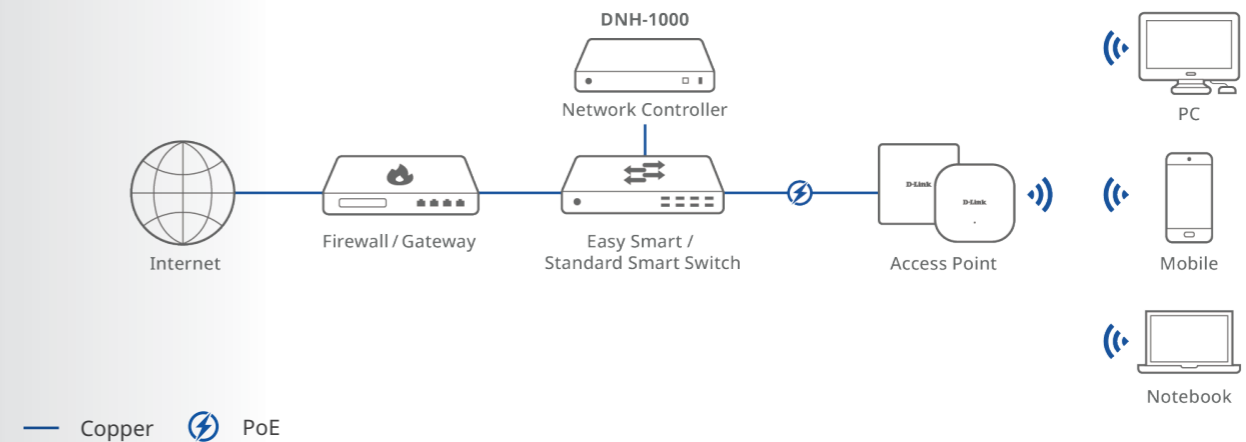
**Auto RF Management and Bandwidth Optimization**

**Multi-SSID and Captive Portal Authentication**

**Central Firmware Upgrade**

Streamline network management with a centralized, intuitive interface for effortless deployment and configuration. Nuclias solutions scale seamlessly from medium to large deployments, ensuring flexibility and growth. Advanced security features, including VLANs, access control, and role-based administration, provide robust protection and reliable operations. Built-in Auto RF Management and bandwidth optimization maintain consistent Wi-Fi performance. Real-time monitoring and detailed traffic analytics offer valuable insights for proactive network management and informed decision-making.

## Explore the Possibilities



### DNH-1000

- Built-in Nuclias Connect
- Manage all APs and aggregation / edge switches
- Device management capacity: up to 500 devices
- Interface: 1 x 2.5G Ethernet port + 1 x USB 3.0 Port

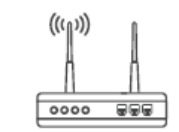


**DNH-1000**

| Supported Devices |   |   |   |
|-------------------|---|---|---|
|                   | Edge  |   |   |
| Switches          | <ul style="list-style-type: none"> <li>• DGS-1100 Series</li> <li>• DGS-1210 Series</li> <li>• DMS-1250 Series</li> </ul> |   |   |
| Enterprise APs    | Wi-Fi 7   | Wi-Fi 6   |   |
|                   | <ul style="list-style-type: none"> <li>• DAP-E9560</li> </ul>   | <ul style="list-style-type: none"> <li>• DAP-X3060OU</li> <li>• DAP-X3060</li> <li>• DAP-X2850</li> </ul> | <ul style="list-style-type: none"> <li>• DAP-X2810</li> <li>• DAP-X3060W</li> </ul> |

# Enterprise Access Points

Built for Business,  
Ready for the Future



**Auto RF Optimization**



**Customizable Captive Portal**



**User Authentication and Roaming Capability**



**Centralized Management**



**Advanced Security**



**VLAN per SSID**



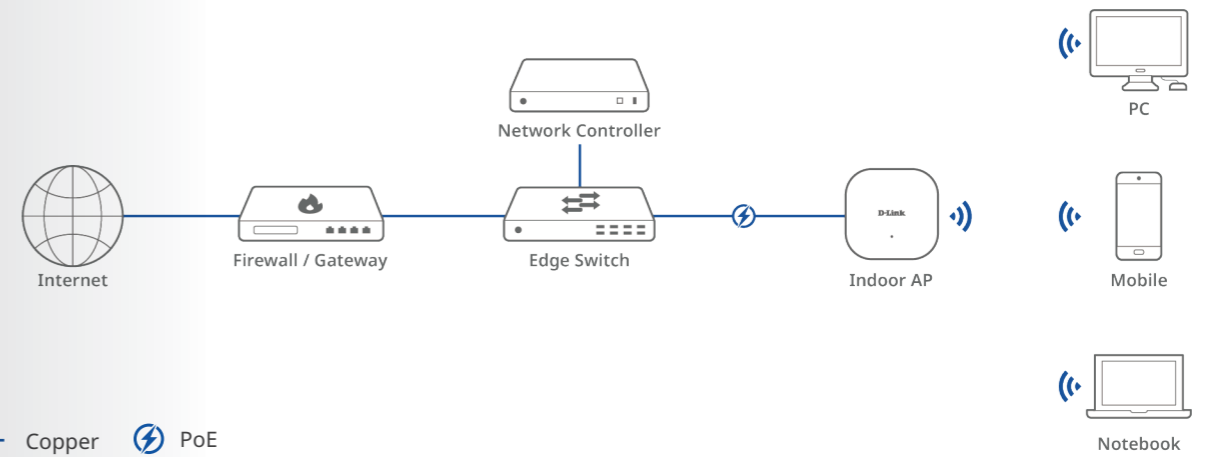
**Flexible Installation with PoE**



**Multiple Operation Modes**

D-Link ceiling APs and wall plate APs each offer unique advantages for enhancing wireless network performance. Ceiling APs are designed to deliver robust, high-performance connectivity within buildings, ensuring reliable coverage and improved network management while maintaining strong security protocols. They are ideal for providing consistent signal strength across various indoor environments. On the other hand, wall plate APs offer a sleek, space-saving solution by integrating directly into existing electrical outlets. This design minimizes clutter and optimizes coverage by placing the access point closer to users, which can enhance signal quality and simplify maintenance. Both types of APs contribute to a more efficient and effective wireless network, tailored to meet specific environmental needs.

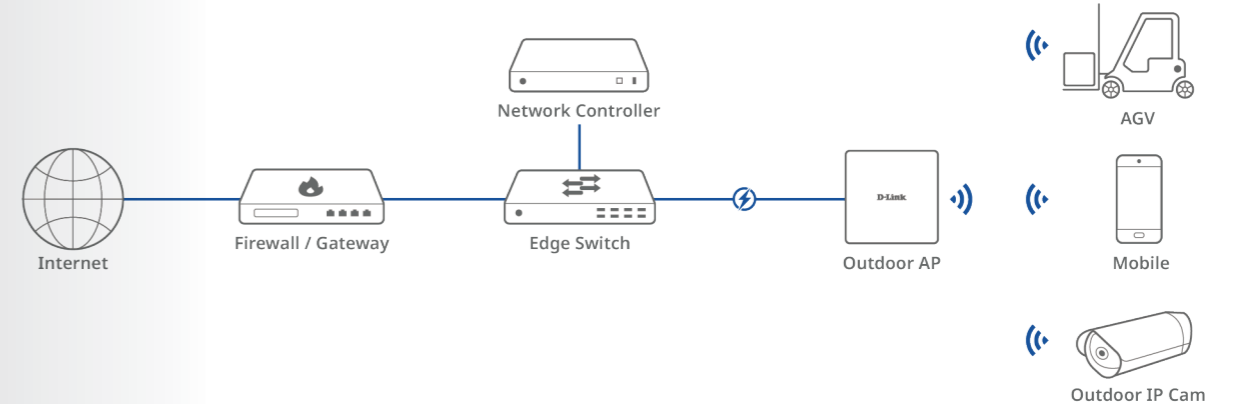
## Explore the Possibilities



## Ceiling Access Points

- Connect a higher number of devices concurrently
- Offer robust security features, including encryption, and authentication mechanisms
- With K-Lock design to prevent theft and vandalism

| Wi-Fi Technology | Model     | Description   |
|------------------|-----------|---|
| Wi-Fi 7          | DAP-E9560 | BE9500 Ceiling Mount Access Point (2 x 2 + 2 x 2 + 2 x 2) |
|                  | DAP-X2810 | AX1800 Ceiling Mount Access Point (2 x 2 + 2 x 2)         |
| Wi-Fi 6          | DAP-X3060 | AX3000 Ceiling Mount Access Point (2 x 2 + 2 x 2)         |
|                  | DAP-X2850 | AX3600 Ceiling Mount Access Point (4 x 4 + 4 x 4)         |



## Outdoor Access Points

- IP68 waterproof / dustproof design
- Broad operating temperature range (-30 °C to 60 °C)
- Versatile mounting options

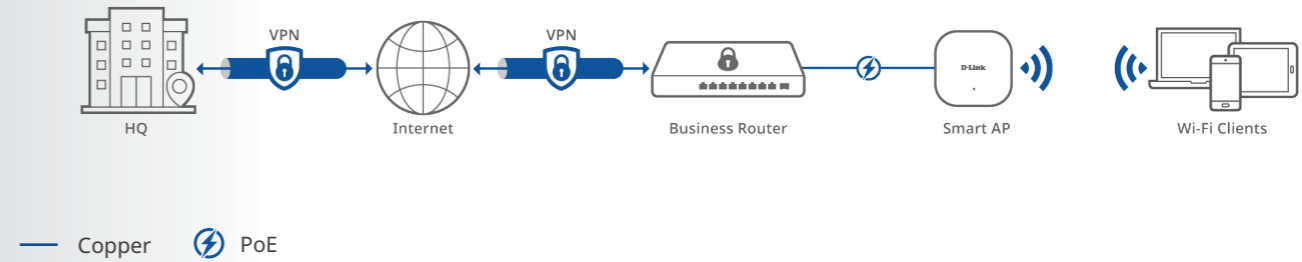
| Wi-Fi Technology | Model       | Description                                 |
|------------------|-------------|---|
| Wi-Fi 6          | DAP-X3060OU | AX3000 Outdoor Access Point (2 x 2 + 2 x 2) |

# Smart Access Points

Seamless Wi-Fi Expansion,  
Simplified Management



## Explore the Possibilities



## Smart Access Points

- Managed by a business router and centrally controlled from a single dashboard
- Simple Wi-Fi setup with customizable networks, VLAN support, and up to seven SSIDs



DBR-X3000-AP



**AX3000**  
Wi-Fi 6 Speeds



**Seamless Mesh**  
Coverage



**Easy to**  
Manage



**Flexible Installation**  
with PoE



**Easy**  
Setup



**WPA2 / WPA3**  
Security



**Guest**  
Wi-Fi

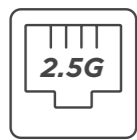


**Captive**  
Portal

D-Link's Smart AP utilizes Wi-Fi 6 technology to extend wireless coverage and provide high-speed connections throughout a building. It offers reliable coverage, efficient network management, and robust security. The Smart AP can be centrally managed via business routers and features Mesh capability to optimize connections, ensuring consistent signal strength throughout all areas.

# SOHO Routers

Reliable Wi-Fi, Exceptional Performance



**2.5G Interface**



**AX3000 Wi-Fi 6 Speeds**



**Seamless Mesh Coverage**



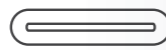
**360° Spherical Wi-Fi Coverage**



**VPN Protection**



**Share Files via Join N' Share**



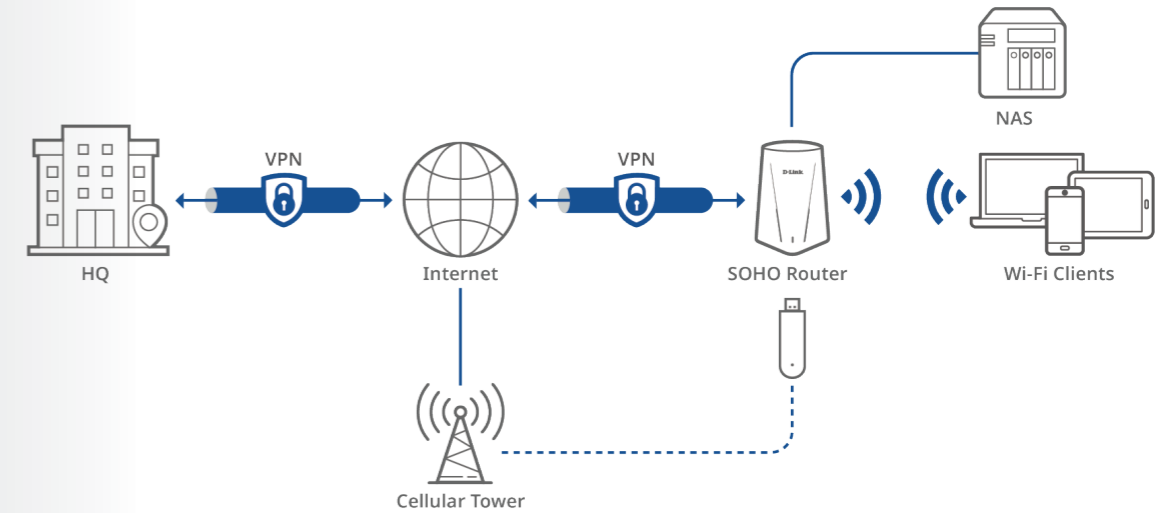
**USB-C Connect Storage Device or 4G / 5G Adapter**



**Intuitive User-Interface**

For SOHO users, seamless connectivity, efficient organization, reliable file sharing, and consistent power are essential. The SOHO router enhances workflow with fast, secure networking, seamless device integration, dependable power delivery, and robust data storage. Wherever work takes you, D-Link keeps your workforce connected and efficient—anytime, anywhere.

## Explore the Possibilities



— Copper    - - - - Wi-Fi Signal

## SOHO Routers

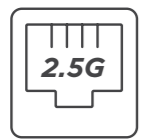
- Dual-band AX6000 Wi-Fi 6 supports multiple devices with speeds of up to 6000 Mbps
- Enables up to 10 VPN remote access to the network



**DBR-560**

# Business Routers

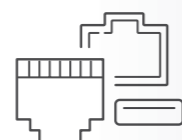
Tailored Innovative Design,  
Made for Small Businesses



**2.5G  
Interface**



**PoE  
Convenience**



**Multi-WAN  
Redundancy**



**VPN  
Protection**



**Firewall  
Protection**



**QoS  
Prioritization**



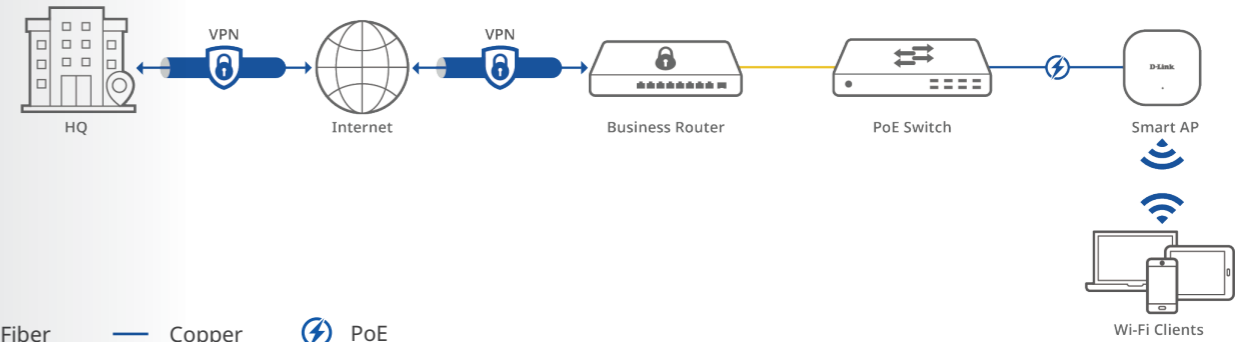
**AP  
Management**



**Intuitive  
User-Interface**

D-Link business routers feature a next-generation design with extensive functionality tailored for small and midsize offices. They offer flexible deployment and easy extension of the existing network infrastructure. These routers provide enough power to support multiple high-demand devices in environments with substantial connectivity requirements. PoE interfaces provide a robust solution for powering devices while ensuring optimal speed and network flexibility.

## Explore the Possibilities

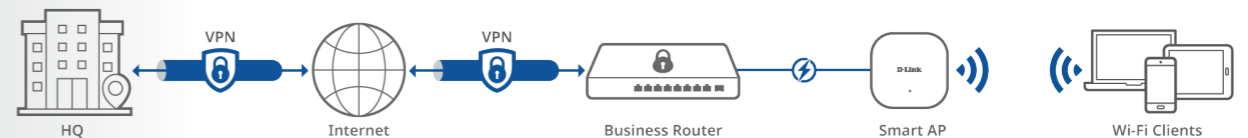


## Business Routers

- Powerful capability provides high performance for larger business application
- Built-in management platform for easy setup, configuration, and AP monitoring



**DBR-700**



— Copper ⚡ PoE

## Business PoE Routers

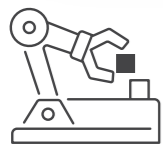
- PoE reduces the need for additional power outlets and simplifies device deployment
- Built-in management platform for easy setup, configuration, and AP monitoring



**DBR-600-P**

# Industrial Unmanaged Switches

## Slim and Reliable



**Industrial-Grade Design**



**Power over Ethernet**



**Green Ethernet**



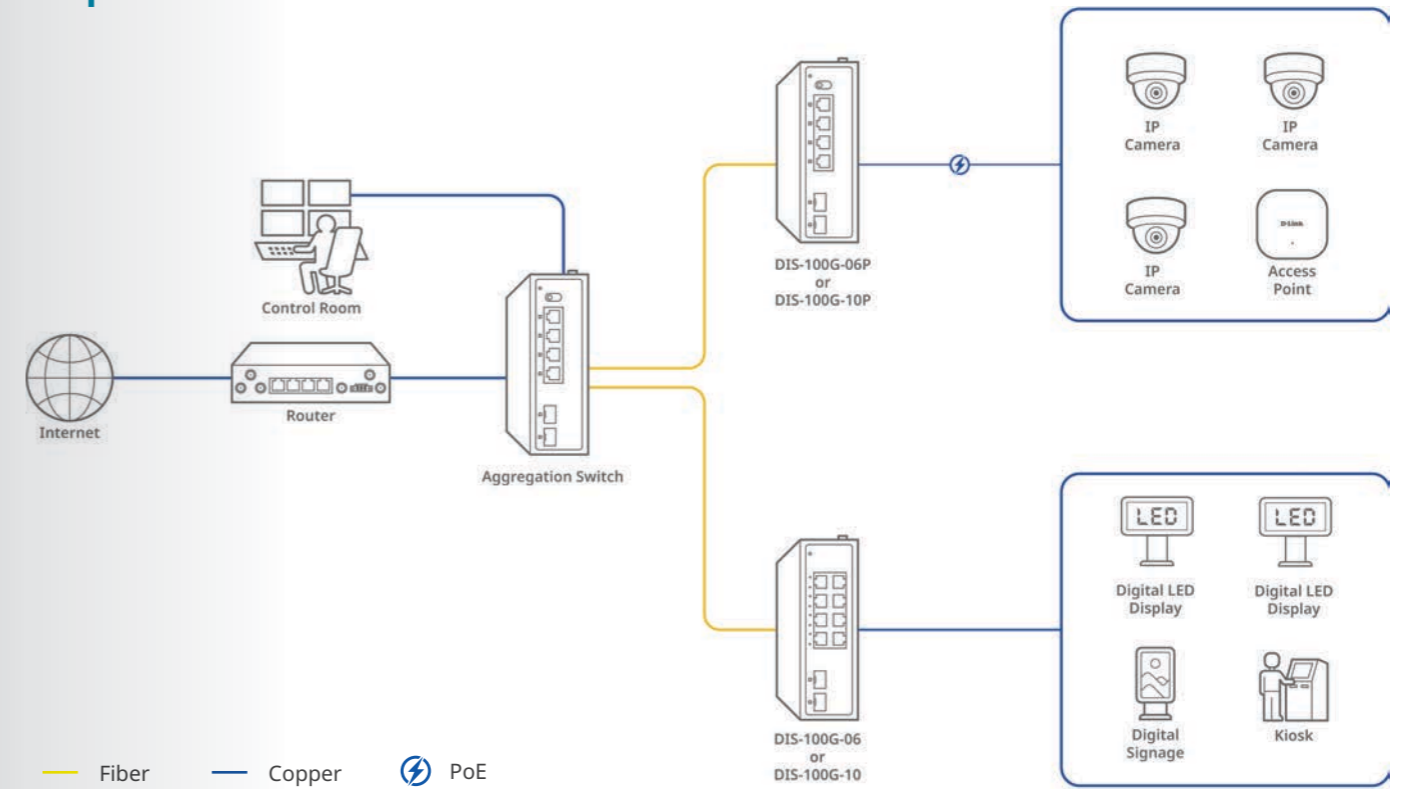
**Plug and Play**

The DIS-100 Series offers Gigabit and Fast Ethernet options, with both PoE and non-PoE models available in 6- or 10-port designs. The DIS-100G-10P further enhances flexibility by supporting remote power delivery up to 250 meters, making it ideal for extended camera deployments. These switches are housed in a highly resistant IP30/IP40-rated metal casing to protect the switches from harsh environmental conditions.

The high Electromagnetic Compatibility (EMC) protects the DIS-100 Series from unwanted effects when operating in environments with substantial electromagnetic interference. Meanwhile, the fanless design extends the life of the DIS-100 Series while also operating in a wide temperature range from -40 °C up to 75 °C.

The DIS-100 Series can be mounted on a DIN rail. It supports dual power inputs for redundancy, ensuring continued operation if the primary supply fails. All Ethernet ports feature 6kV surge protection for enhanced reliability.

## Explore the Possibilities



### Copper Switches

- Industrial-Grade Durability
- Green Ethernet
- Simple and Cost-Effective



**DIS-100E-05**  
5 Ports 10 / 100Mbps, DIN



**DIS-100G-06**  
4 Ports 1G + 2 Ports 1G SFP, DIN



**DIS-100G-10**  
8 Ports 1G + 2 Ports 1G SFP, DIN

### Copper PoE Switches

- Power up to 30W / port
- Fiber Interface
- 6kV Surge Protection



**DIS-100G-06P**  
4 Ports 1G PoE+ + 2 Ports 1G SFP, 120W, DIN



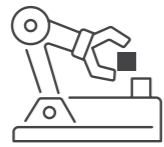
**DIS-100G-10P**  
8 Ports 1G PoE+ + 2 Ports 1G SFP, 240W, DIN

# M2M Modems

## 4G / 5G Data Connectivity



High-Speed 4G / 5G



Industrial-Grade Design



Remote Management

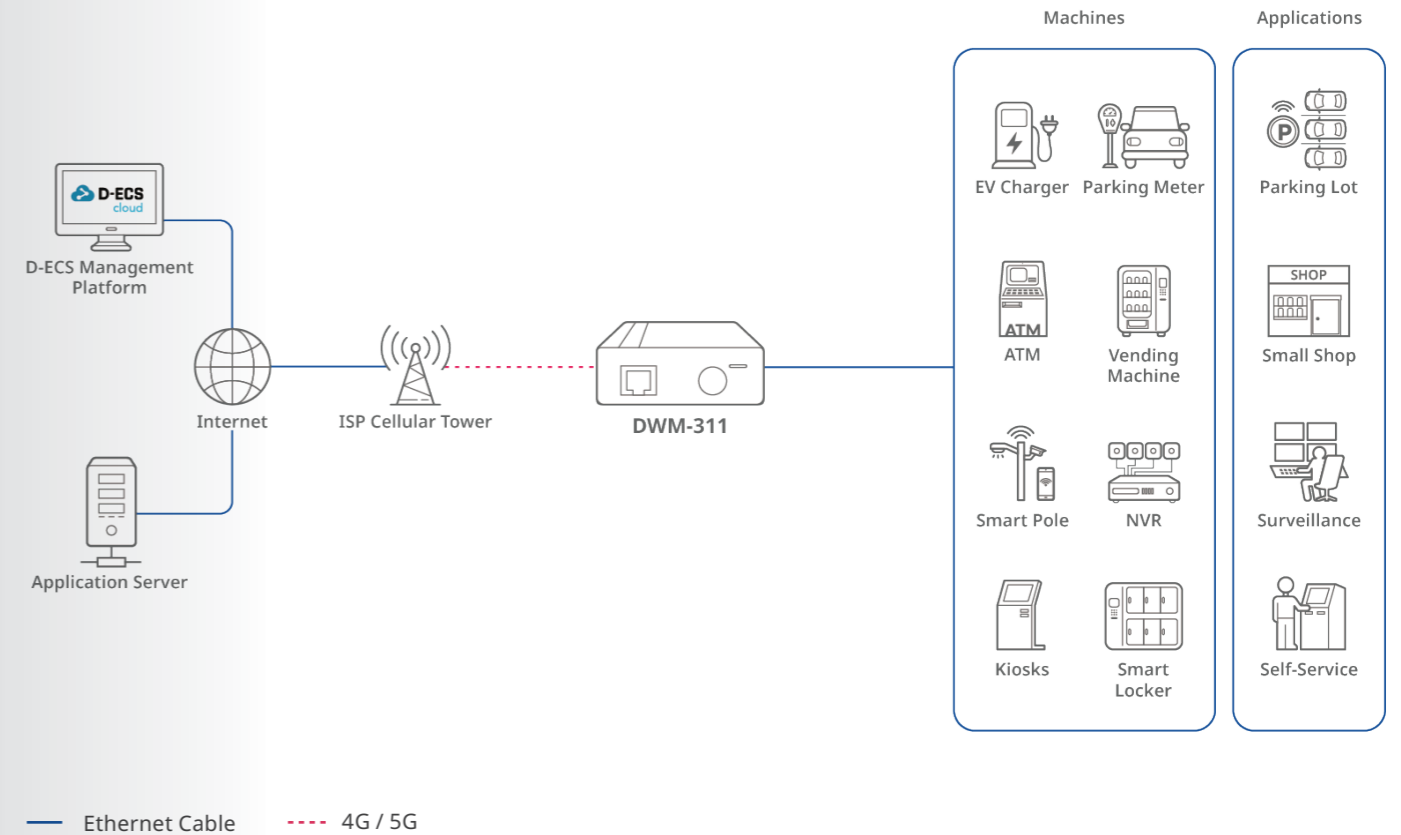


VPN Security

All IoT devices require a connection to efficiently transfer or exchange data with other IoT devices (M2M), the cloud, or back-end processing systems. Traditional wired broadband provides reliable WAN connectivity but lacks the mobility, scalability, and flexibility of wireless connectivity such as 4G / 5G technology. Furthermore, laying new wired broadband can be time consuming and very costly to deploy for remote sites in rural areas or locations without existing wired broadband connectivity.

The DWM M2M Modem Series offers high-performance 4G / 5G wireless connectivity for a wide range of IoT applications requiring remote WAN connectivity, including mobile environments, temporary installation points, and areas far from traditional wired network coverage. Compliant with multiple network protocols, the DWM Modem Series ensures compatibility with existing systems and future network upgrades. The DWM series emphasizes easy installation and maintenance, enabling rapid deployment in various commercial and industrial environments with VPN capabilities to ensure secure and reliable connections. Convenient centralized device management is also available with D-Link's D-ECS remote management platform, which features an intuitive dashboard with many administrative tools to remotely optimize your M2M-IoT network performance.

## Explore the Possibilities



### M2M Modem

- VPN Client
- Bridge Mode
- Simple NAT for Multi Port

### Application

- Kiosk
- ATM
- Smart Bus Stop
- Gas Station



**DWM-311** 4G

- Cat.4, 1 x SIM
- 1 x GE



**DWM-311-G** 5G

- 5G NR (FR1), 1 x SIM
- 1 x 2.5GE



**DWM-314-G** 5G

- 5G NR (FR1), 2 x SIM
- 4 x GE

# M2M PoE Modems

## 4G / 5G Data Connectivity



Power over Ethernet



Dual-Mode 4G/5G



Multi-Port Connectivity

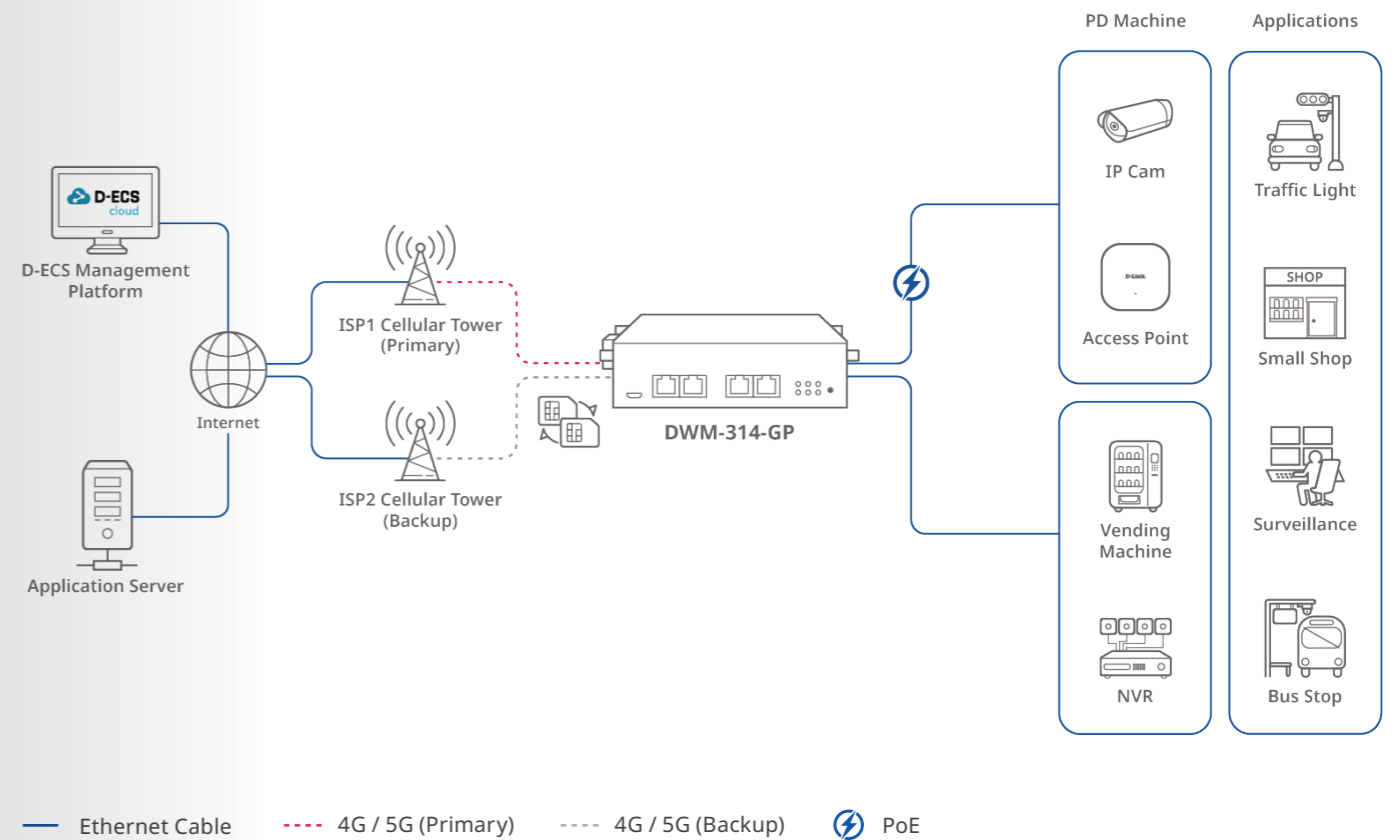


Highly Integrated

IoT devices can be installed in virtually any location that requires a specific function or data collection. Some IoT devices can be battery powered but most will require power from a traditional power source and not all IoT device installation locations will have an existing power source readily available. Deploying an electrical power infrastructure is quite time consuming, incurs substantial labor costs, and messy cable clutter can also create tripping hazards.

The DWM M2M PoE Modem Series with Power over Ethernet (PoE) technology is an essential component for M2M communication in IoT applications. PoE simultaneously delivers data and power via a single Ethernet cable to simplify installation, allowing device placement flexibility and eliminating the need for a separate electrical power infrastructure, such as wiring and power outlets, thereby significantly reducing labor and installation costs for applications such as surveillance cameras, digital signage, wireless access points, and IoT sensor networks. The DWM PoE Modem Series provides advanced VPN capabilities for secure data transmission and features a compact footprint for installation in tight spaces or installation cabinets. With an operating temperature range of -30°C to 70°C, the DWM PoE Modem Series is robust enough for industrial environments such as smart factories and warehouses. Convenient centralized device management is also available with D-Link's D-ECS remote management platform, which features an intuitive dashboard with many administrative tools to remotely optimize your M2M-IoT network performance.

## Explore the Possibilities



### M2M PoE Modem

- VPN Client
- Bridge Mode
- PoE PSE
- Simple NAT for Multi Port

### Application

- Kiosk
- EV Charger
- Smart Bus Stop
- Vending Machine

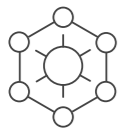


**DWM-314-GP 5G**

- 5G NR (FR1), 2 x SIM
- 2 x GE, 2 x GE PoE

# M2M Routers

## 4G / 5G Data Connectivity



Multi-WAN Connection



Wi-Fi Connectivity



VPN Security

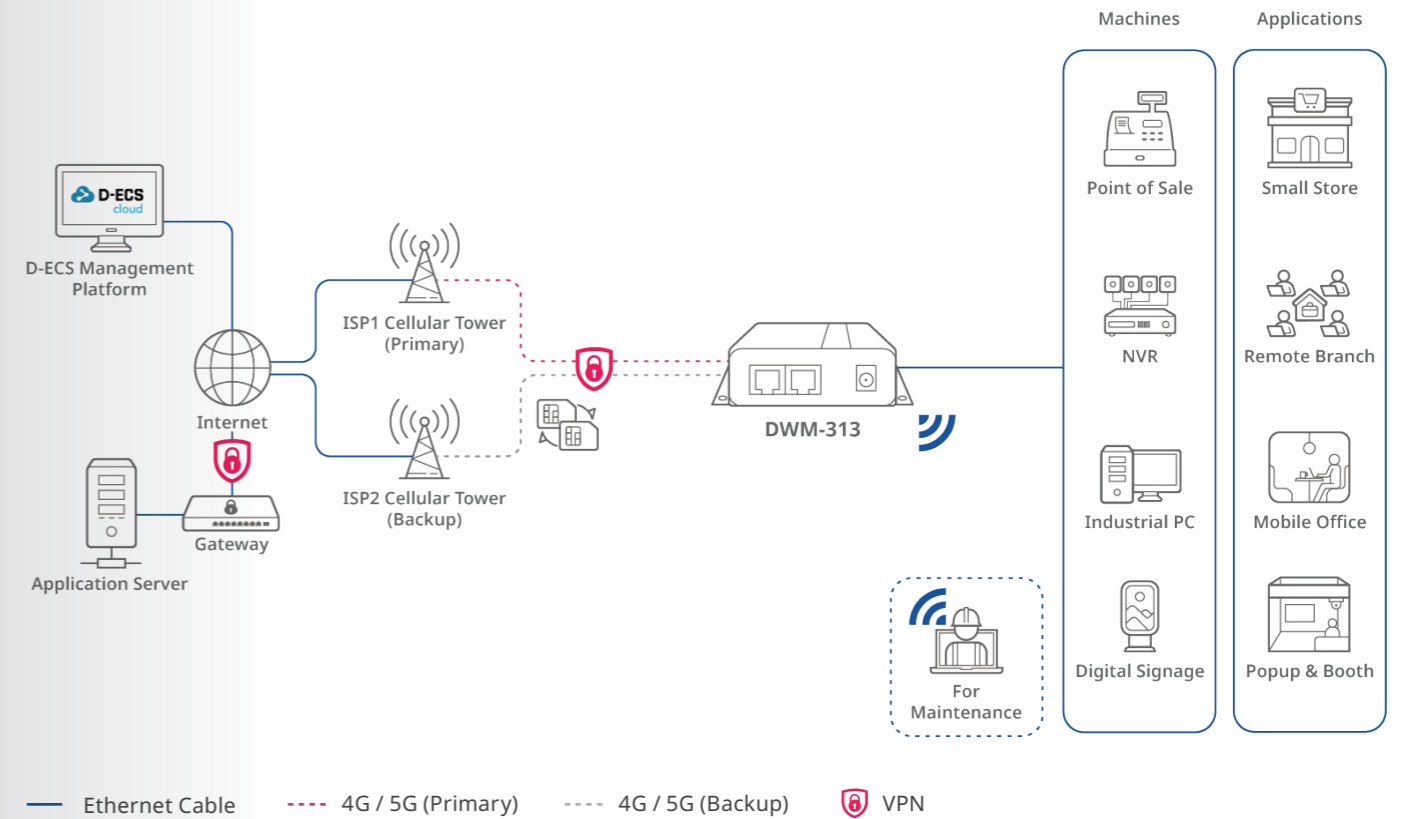


Remote Management

WAN connectivity in commercial and industrial environments are predominately accessed via wired broadband and the presence of cellular connectivity are generally in place to provide failover and load balancing. Traditional wired broadband provides reliable WAN connectivity but lacks the mobility, scalability, and flexibility of wireless connectivity such as 4G / 5G technology. Today, advanced cellular technology not only delivers the agility and performance that organizations demand, it also offers a wide range of benefits, creating a greater emphasis on leveraging it as the primary WAN connection.

The DWM M2M Router Series are highly integrated 4G / 5G routers that provide seamless network connectivity for commercial and industrial applications in locations without existing wired connectivity. Offering a range of connectivity options including Wi-Fi and Ethernet port interfaces to facilitate simultaneous access by multiple devices, the DWM Router Series provides enhanced network security features such as firewalls, VPNs, and IPSec encryption to ensure secure and reliable data transmission. Convenient centralized device management is also available with D-Link's D-ECS remote management platform, which features an intuitive dashboard with many administrative tools to remotely optimize your M2M-IoT network performance.

## Explore the Possibilities



### M2M Router

- VPN Server and Client
- Full Router Feature
- Static and Dynamic Route
- SMS Event Management

### Application

- Kiosk
- EV Charger
- Smart Bus Stop
- Retail and POS



**DWM-313** 4G

- Cat.4, 2 x SIM
- 2 x FE
- Wi-Fi N150

# 4G / 5G Indoor CPEs

## Ultra-Fast 5G, Maximum Versatility



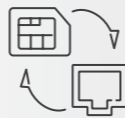
### Ultra-Fast Speed

Lightning-fast Internet with integrated 5G NR and Wi-Fi



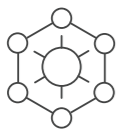
### Plug And Play

Simply insert a SIM card to access high-speed 5G and Wi-Fi networks anywhere



### Automatic Failover

Allow to switch to a backup Internet connection if the primary connection is lost



### Wi-Fi Mesh

Wi-Fi mesh intelligently finds best path, providing better wireless coverage



### Security & Privacy

Keep your network secure with the latest Wi-Fi security protocols and cybersecurity certification

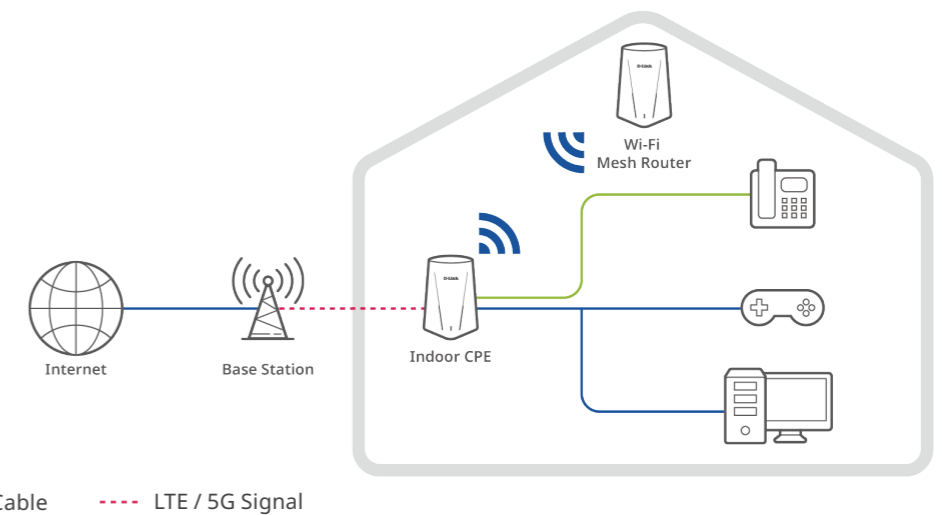


### Access Anywhere

App and cloud service allow to access the device anywhere, anytime

D-Link business routers feature a next-generation design with extensive functionality tailored for small and midsize offices. It offers flexible deployment and easy extension of the existing network infrastructure. These routers provide enough power to support multiple high-demand devices in environments with substantial connectivity requirements. PoE interfaces provide a robust solution for powering devices while ensuring optimal speed and network flexibility.

## Explore the Possibilities



## Indoor CPE



### 4G LTE AX1500 Wi-Fi 6 Router **G416C**

- 4G LTE CAT 6
- Ultra-fast Wi-Fi 6
- WAN Failover



### 4G LTE N300 Wi-Fi Router **G403C**

- 4G LTE CAT 4
- Standard Wi-Fi 4
- WAN Failover



### 5G NR AX3000 Wi-Fi 6 Router **G530**

- High-speed 5G NR
- Ultra-fast Wi-Fi 6
- LTE / 5G dual mode
- WAN Failover

# 4G / 5G Mobile Access

## Seamless Network, Unlimited Mobility



### High-Speed Connectivity

Achieve fast mobile broadband with 5G and 4G LTE technology for reliable, low-latency Internet access



### Enhanced Security

Built-in firewall and the latest Wi-Fi security protocols protect your data from unauthorized access



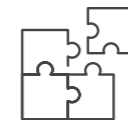
### Travel-Friendly Design

Pocket-sized with a built-in battery, making it easy to carry and perfect for on-the-go use



### Easy Setup

Easy to set up with built-in software, no complicated installation required



### Versatile Compatibility

Compatible with various cellular networks (backward compatible with 2G / 3G network) for consistent connectivity anywhere

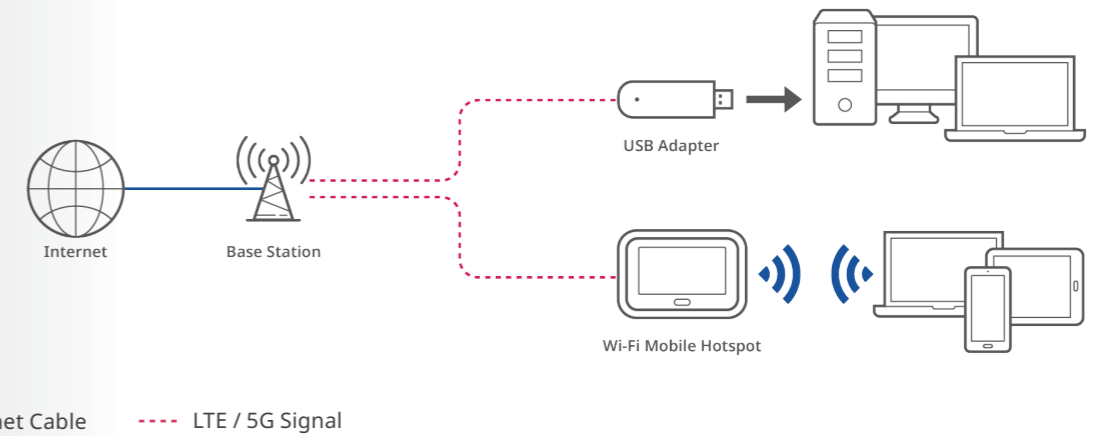


### Flexible Usage

Connect multiple Wi-Fi devices and enjoy seamless Internet access for business trips, travel, and remote work

Stay connected wherever you are with D-Link's Mobile Access series, featuring the USB Adapter and Wi-Fi Mobile Hotspot. These devices offer ultra-fast and reliable Internet access using advanced 4G / 5G technology, ideal for mobile professionals and frequent travelers. They eliminate the need for fixed-line infrastructure, providing high-speed broadband on the move. Perfect for online gaming, video conferencing, and seamless Internet browsing, these products ensure you stay connected in any location.

## Explore the Possibilities



## Wi-Fi Mobile Hotspot



### 5G NR AX1800 Wi-Fi 6 Mobile Hotspot **F518**

- High-speed 5G NR
- Ultra-fast Wi-Fi 6
- Up to 16 hours battery life
- Power bank



### 4G LTE AX300 Wi-Fi 6 Mobile Hotspot **DWR-932W**

- 4G LTE CAT 4
- Ultra-fast Wi-Fi 6
- Up to 16 hours battery life
- Up to 32 devices



### 4G LTE AX300 Wi-Fi 6 USB Adapter **DWM-222W**

- 4G LTE CAT 4
- Ultra-fast Wi-Fi 6
- USB Type-A
- Up to 8 devices

# 5G ODU / IDUs

## Superior Connectivity, Flexible Deployment



### Ultra-Fast 5G Speed

5G NR and Wi-Fi 6 technology to deliver faster speeds



### Plug and Play

A built-in SIM slot enables you to access high-speed 5G and Wi-Fi networks anywhere



### Easy Setup & Management

PoE support enables cost-effective Ethernet connection to the ODU



### Security & Privacy

Keep your network secure with the latest Wi-Fi security protocols and cybersecurity certification



### External Antenna Extension

Flexible installation to enhance signal strength and expand the coverage area

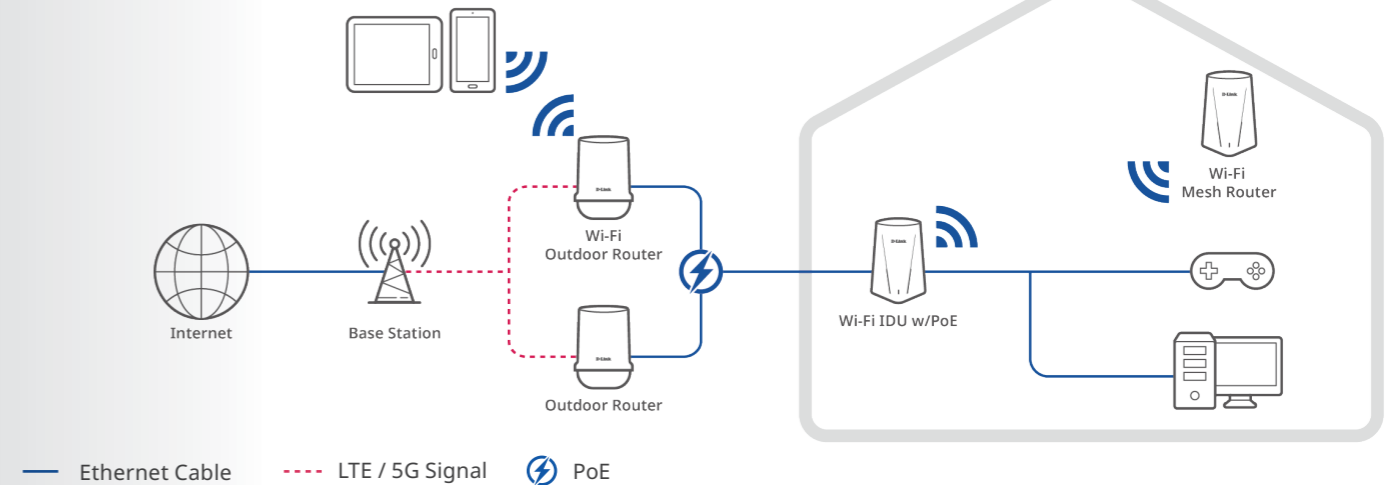


### IP67 Weatherproof

The IP67-rated ensures reliable connectivity and extended product life in outdoor environments

The D-Link ODU / IDU (Outdoor Unit / Indoor Unit) series, part of the Fixed Wireless Access lineup, features two powerful devices for superior connectivity. Utilizing cutting-edge 5G technology, this setup surpasses traditional DSL broadband, offering ultra-fast, low-latency Internet. It ensures consistent, reliable, high-speed access for streaming, gaming, remote work, and smart home and office integrations. Also fast, flexible deployment saves time and cost, while easy setup and management make it ideal for areas far from the cellular base station.

## Explore the Possibilities



## ODU / IDU



### 5G NR AX1800 Wi-Fi 6 Outdoor Router **DWP-1010W**

- High-speed 5G NR
- Ultra-fast Wi-Fi 6
- IP67 weatherproof
- External antenna connection



### 5G NR Outdoor Router **DWP-1010**

- High-speed 5G NR
- LTE / 5G dual mode
- IP67 weatherproof
- External antenna connection

## DWP-1010KT (DWP-1010 + X530P)



### 5G NR Outdoor Router **DWP-1010**

- High-speed 5G NR with LTE / 5G dual mode
- 2.5G PoE LAN
- IP67 weatherproof
- External antenna connection



### AX3000 Wi-Fi 6 PoE Router **X530P**

- Ultra-fast Wi-Fi 6
- Dual GE LAN ports
- Expanded coverage
- PoE power supply

Home Wi-Fi

# AQUILA PRO AI Series

## Maximizes Whole-Home Wi-Fi Performance



### 360° Spherical Coverage

Say goodbye to weak signals and dead zones. Our advanced antenna design gears toward seamless Wi-Fi connectivity and performance



### AI-Powered Technology

Featuring a built-in AI algorithm to ensure the reliable Wi-Fi connection throughout your home



### Ultra-Fast Speed

Enjoy true 8K streaming, buffer-free gaming and smooth video calls simultaneously



### Secure Network

Safeguard your home network with the ETSI EN 303 645 cybersecurity standard, parental controls, guest Wi-Fi, and WPA3™ encryption



### Easy Setup & Management

Effortlessly set up your smart home and just one-tap control for your smart life management



### Aesthetic Design

AQUILA PRO AI's eagle-inspired design and feather-patterned ventilation blends beauty and performance



### Go Green

Embracing sustainability with a post-consumer recycled casing, green packaging, efficient ventilation, and health mode



### Voice Control

Voice control works with Amazon Alexa or Google Assistant



### BE9500 Wi-Fi 7 Smart Mesh Router **M95**

- Wi-Fi 7 for ultra-fast speed
- 2.4 GHz, 5 GHz & 6 GHz tri-band
- 3 x 2.5 Gigabit LAN ports, 1 x 2.5 Gigabit WAN port
- Mesh roaming for optimal connection
- Free AQUILA PRO AI app



### BE9500 Wi-Fi 7 Smart Router **R95**

- Wi-Fi 7 for ultra-fast speed
- 2.4 GHz, 5 GHz & 6 GHz tri-band
- 3 x 2.5 Gigabit LAN ports, 1 x 2.5 Gigabit WAN port
- External antennas for enhanced signal flexibility
- Free AQUILA PRO AI app



### AX6000 Wi-Fi 6 Smart Mesh Router **M60**

- Wi-Fi 6 for fast speed
- 2.4 GHz & 5 GHz dual-band
- 4 x Gigabit LAN ports, 1 x 2.5 Gigabit WAN port
- Mesh roaming for optimal connection
- Free AQUILA PRO AI app

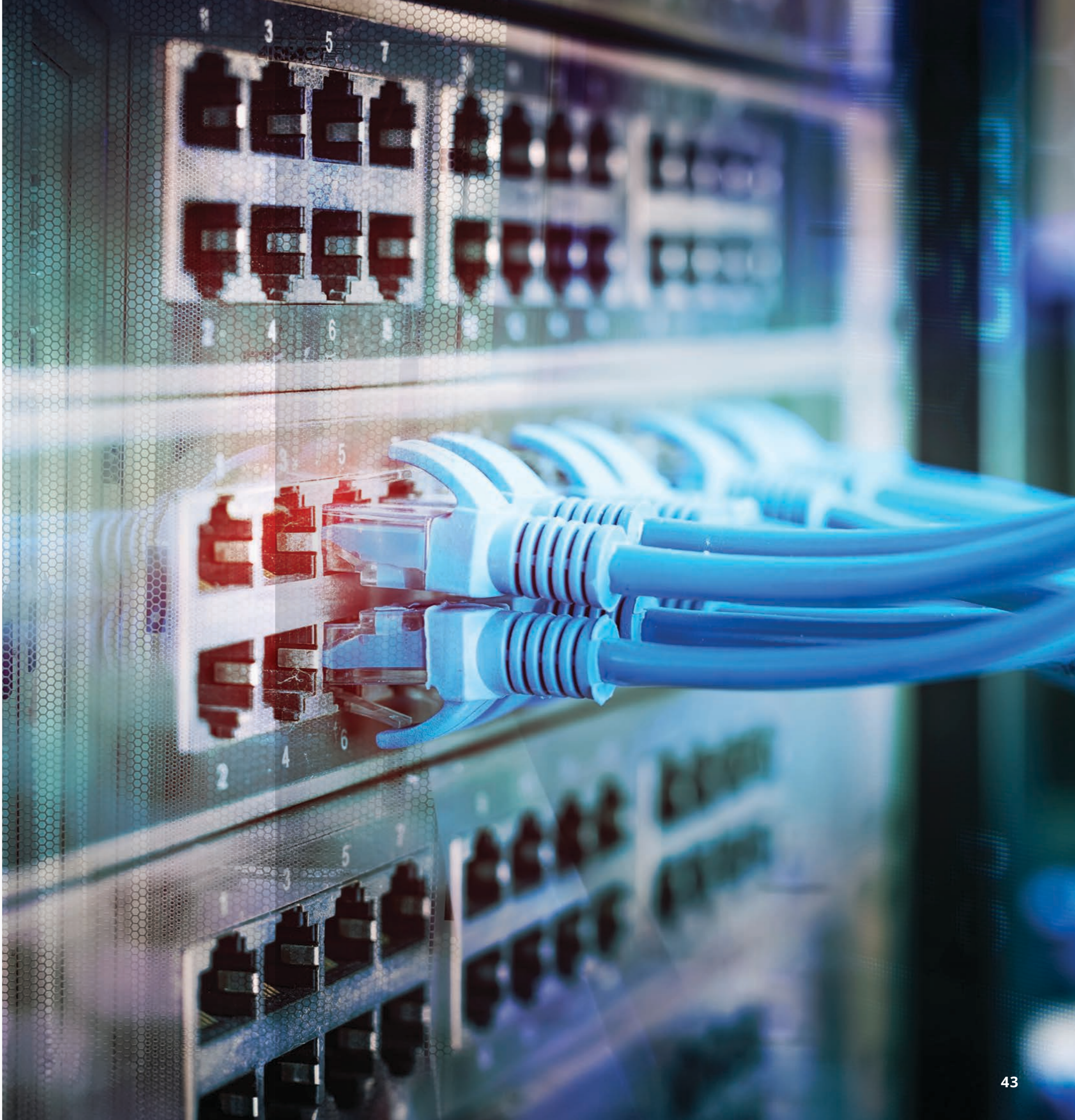


### AX3000 Wi-Fi 6 Smart Mesh Router **M30**




- Wi-Fi 6 for fast speed
- 2.4 GHz & 5 GHz dual-band
- 4 x Gigabit LAN ports, 1 x Gigabit WAN port
- Mesh roaming for optimal connection
- Free AQUILA PRO AI app




Designed with a blend of elegance and functionality, the cutting-edge AQUILA PRO AI Mesh Wi-Fi system delivers premium AI-optimized Wi-Fi 7 performance, unrivaled speed, extreme capacity, and impressive range to meet the most demanding home networks. Say goodbye to dead spots and buffering. Embrace a fast and reliable whole-home Wi-Fi with the AQUILA PRO AI Series.


# Product Specifications







## Unmanaged Switches / DGS-1000 Series







| Model                     | DGS-105   | DGS-105GL   | DGS-1005P   |
|---------------------------|---|---|---|
| Product Image             |  |  |  |
| <b>Hardware</b>           |   |   |   |
| Number of 1G Ports        | 5   | 5   | 5   |
| Switching Capacity        | 10 Gbps   | 10 Gbps   | 10 Gbps   |
| MAC Address               | 2K  | 2K  | 2K  |
| PoE Standards             | -   | -   | IEEE 802.3af / at   |
| PoE Power Budget          | -   | -   | 60W   |
| PoE Capable Ports         | -   | -   | Port 1-4, up to 30W   |
| Power Supply Type         | External  | External  | External  |
| Fan                       | Fanless   | Fanless   | Fanless   |
| Dimension                 | 91 x 85 x 23 mm   | 91 x 85 x 23 mm   | 105 x 98 x 28 mm  |
| D-Link Green, 802.3az EEE | •   | •   | •   |
| <b>L2</b>                 |   |   |   |
| IGMP Snooping             | •   | -   | -   |
| <b>QoS</b>                |   |   |   |
| 802.1p QoS                | •   | •   | •   |

| Model                     | DGS-108   | DGS-108GL   | DGS-1008P   |
|---------------------------|---|---|---|
| Product Image             |  |  |  |
| <b>Hardware</b>           |   |   |   |
| Number of 1G Ports        | 8   | 8   | 8   |
| Switching Capacity        | 16 Gbps   | 16 Gbps   | 16 Gbps   |
| MAC Address               | 4K  | 4K  | 4K  |
| PoE Standards             | -   | -   | IEEE 802.3af / at   |
| PoE Power Budget          | -   | -   | 60W   |
| PoE Capable Ports         | -   | -   | Port 1-4, up to 30W   |
| Power Supply Type         | External  | External  | External  |
| Fan                       | Fanless   | Fanless   | Fanless   |
| Dimension                 | 139 x 85 x 23 mm  | 139 x 85 x 23 mm  | 150 x 98 x 28 mm  |
| D-Link Green, 802.3az EEE | •   | •   | •   |
| <b>L2</b>                 |   |   |   |
| IGMP Snooping             | •   | -   | -   |
| <b>QoS</b>                |   |   |   |
| 802.1p QoS                | •   | •   | •   |





| Model                     | DGS-1010P   | DGS-1016D   | DGS-1016S   |
|---------------------------|---|---|---|
| Product Image             |  |  |  |
| <b>Hardware</b>           |   |   |   |
| Number of 1G Ports        | 8   | 16  | 16  |
| Number of 1G Combo Ports  | -   | -   | -   |
| Number of 1G SFP Ports    | 2   | -   | -   |
| Switching Capacity        | 20 Gbps   | 32 Gbps   | 32 Gbps   |
| MAC Address               | 4K  | 8K  | 8K  |
| PoE Standards             | IEEE 802.3af / at   | -   | -   |
| PoE Power Budget          | 125W  | -   | -   |
| PoE Capable Ports         | Port 1-8, up to 30W   | -   | -   |
| PD-ALive                  | -   | -   | -   |
| Power Supply Type         | Internal  | Internal  | External  |
| Fan                       | Fanless   | Fanless   | Fanless   |
| Dimension                 | 330 x 180 x 44 mm   | 280 x 126 x 44 mm   | 280 x 110 x 25 mm   |
| DIP Switch                | PoE Extend Isolation / Flow Control   | Storm Control / EEE / Flow Control  | -   |
| D-Link Green, 802.3az EEE | •   | •   | •   |
| <b>QoS</b>                |   |   |   |
| 802.1p QoS                | •   | •   | •   |





| Model                     | DGS-1018P   | DGS-1024D   | DGS-1026P   | DGS-1026MP  |
|---------------------------|---|---|---|---|
| Product Image             |  |  |  |  |
| <b>Hardware</b>           |   |   |   |   |
| Number of 1G Ports        | 16  | 24  | 24  | 24  |
| Number of 1G Combo Ports  | -   | -   | -   | 2   |
| Number of 1G SFP Ports    | 2   | -   | 2   | -   |
| Switching Capacity        | 36 Gbps   | 48 Gbps   | 52 Gbps   | 52 Gbps   |
| MAC Address               | 8K  | 8K  | 8K  | 8K  |
| PoE Standards             | IEEE 802.3af / at   | -   | IEEE 802.3af / at   | IEEE 802.3af / at   |
| PoE Power Budget          | 240W  | -   | 240W  | 370W  |
| PoE Capable Ports         | Port 1-16, up to 30W  | -   | Port 1-24, up to 30W  | Port 1-24, up to 30W  |
| PD-ALive                  | •   | -   | •   | -   |
| Power Supply Type         | Internal  | Internal  | Internal  | Internal  |
| Fan                       | 2 Smart Fans  | Fanless   | 2 Smart Fans  | 2 Smart Fans  |
| Dimension                 | 441 x 210 x 44 mm   | 280 x 126 x 44 mm   | 441 x 210 x 44 mm   | 440 x 267 x 44 mm   |
| DIP Switch                | PD-Alive / PoE Extend Isolation / Flow Control  | Storm Control / EEE / Flow Control  | PD-Alive / PoE Extend Isolation / Flow Control  | -   |
| D-Link Green, 802.3az EEE | •   | •   | •   | •   |
| <b>QoS</b>                |   |   |   |   |
| 802.1p QoS                | •   | •   | •   | •   |

## Unmanaged Switches / DMS-1000 Series






| Model                     | DMS-105   | DMS-107   | DMS-108   | DMS-108P   | DMS-1016  | DMS-1024  |
|---------------------------|---|---|---|--|---|---|
| Product Image             |  |  |  |  |  |  |
| <b>Hardware</b>           |   |   |   |  |   |   |
| Number of 1G Combo Ports  | –   | 5   | –   | –  | –   | –   |
| Number of 2.5G Ports      | 5   | 2   | 8   | 8  | 16  | 24  |
| Switching Capacity        | 25 Gbps   | 20 Gbps   | 40 Gbps   | 40 Gbps  | 80 Gbps   | 120 Gbps  |
| MAC Address               | 4K  | 2K  | 4K  | 4K   | 16K   | 32K   |
| PoE Standards             | –   | –   | –   | IEEE 802.3af / at / bt   | –   | –   |
| PoE Power Budget          | –   | –   | –   | 230W   | –   | –   |
| PoE Capable Ports         | –   | –   | –   | Port 1-8, up to 90W  | –   | –   |
| Power Supply Type         | External  | External  | External  | External   | Internal  | Internal  |
| Fan                       | Fanless   | Fanless   | Fanless   | Fanless  | Fanless   | 2 Smart Fans  |
| Dimension                 | 101 x 82 x 28 mm  | 145 x 82 x 28 mm  | 145 x 82 x 28 mm  | 190 x 120 x 38 mm  | 441 x 250 x 44 mm   | 441 x 250 x 44 mm   |
| D-Link Green, 802.3az EEE | •   | •   | •   | •  | •   | •   |
| <b>L2</b>                 |   |   |   |  |   |   |
| IGMP Snooping             | •   | •   | •   | •  | •   | •   |
| <b>QoS</b>                |   |   |   |  |   |   |
| 802.1p QoS                | •   | •   | •   | •  | •   | •   |





## Easy Smart Switches / DGS-1100 Series

| Model   | DGS-1100-05V2   | DGS-1100-08V2   | DGS-1100-08PV2   | DGS-1100-16V2   |
|---|---|---|--|---|
| Product Image                                 |  |  |  |  |
| <b>Hardware</b>                               |   |   |  |   |
| Number of 1G Ports                            | 5   | 8   | 8  | 16  |
| Number of 1G SFP Ports                        | –   | –   | –  | –   |
| Switching Capacity                            | 10 Gbps   | 16 Gbps   | 16 Gbps  | 32 Gbps   |
| MAC Address                                   | 2K  | 4K  | 4K   | 8K  |
| PoE Standards                                 | –   | –   | IEEE 802.3af / at  | –   |
| PoE Power Budget                              | –   | –   | 64W  | –   |
| PoE Capable Ports                             | –   | –   | Port 1-8, up to 30W  | –   |
| PD-ALive                                      | –   | –   | •  | –   |
| Power Supply Type                             | External  | External  | External   | Internal  |
| Fan   | Fanless   | Fanless   | Fanless  | Fanless   |
| Surge Protection                              | 1kV   | 1kV   | 1kV  | 1kV   |
| Dimension                                     | 101 × 82 × 28 mm  | 171 × 98 × 29 mm  | 145 × 82 × 28 mm   | 280 × 180 × 44 mm   |
| D-Link Green, 802.3az EEE                     | •   | •   | •  | •   |
| <b>L2</b>                                     |   |   |  |   |
| Spanning Tree                                 | STP, RSTP   | STP, RSTP   | STP, RSTP  | STP, RSTP   |
| Link Aggregation                              | Static Port Trunking only   | Static Port Trunking only   | Static Port Trunking only  | 802.3ad, 802.1AX  |
| IGMP Snooping                                 | •   | •   | •  | •   |
| <b>VLAN</b>                                   |   |   |  |   |
| VLAN Group                                    | 32 K  | 32 K  | 32 K   | 128 K   |
| Asymmetric VLAN                               | •   | •   | •  | •   |
| Voice VLAN                                    | •   | •   | •  | •   |
| Surveillance VLAN                             | •   | •   | •  | •   |
| <b>QoS</b>                                    |   |   |  |   |
| 802.1p QoS                                    | •   | •   | •  | •   |
| Number of Queues per Port                     | 4   | 4   | 4  | 8   |
| Bandwidth Control (Min. Granularity)          | 8 Kbps  | 8 Kbps  | 8 Kbps   | 16 Kbps   |
| <b>Security</b>                               |   |   |  |   |
| TLS / SSL Support                             | –   | –   | –  | SSL   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •  | •   |
| <b>Management</b>                             |   |   |  |   |
| SNMP  | v1 / v2c  | v1 / v2c  | v1 / v2c   | v1 / v2c  |
| Web-Based GUI                                 | •   | •   | •  | •   |




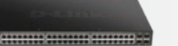
| Model   | DGS-1100-18PV2  | DGS-1100-24V2   | DGS-1100-24PV2  | DGS-1100-26MPV2   |
|---|---|---|---|---|
| Product Image                                 |  |  |  |  |
| <b>Hardware</b>                               |   |   |   |   |
| Number of 1G Ports                            | 16  | 24  | 24  | 24  |
| Number of 1G Combo Ports                      | 2   | –   | –   | 2   |
| Switching Capacity                            | 36 Gbps   | 48 Gbps   | 48 Gbps   | 52 Gbps   |
| MAC Address                                   | 8K  | 8K  | 8K  | 8K  |
| PoE Standards                                 | IEEE 802.3af / at   | –   | IEEE 802.3af / at   | IEEE 802.3af / at   |
| PoE Power Budget                              | 130W  | –   | 100W  | 370W  |
| PoE Capable Ports                             | Port 1 to 16, up to 30W   | –   | Port 1-12, up to 30W  | Port 1-24, up to 30W  |
| PD-ALive                                      | •   | –   | •   | •   |
| Power Supply Type                             | Internal  | Internal  | Internal  | Internal  |
| Fan   | 1 Smart Fan   | Fanless   | Fanless   | 2 Smart Fans  |
| Surge Protection                              | 1kV   | 1kV   | 1kV   | 1kV   |
| Dimension                                     | 280 × 230 × 44 mm   | 280 × 180 × 44 mm   | 280 × 180 × 44 mm   | 440 × 208 × 44 mm   |
| D-Link Green, 802.3az EEE                     | •   | •   | •   | •   |
| <b>L2</b>                                     |   |   |   |   |
| Spanning Tree                                 | STP, RSTP   | STP, RSTP   | STP, RSTP   | STP, RSTP   |
| Link Aggregation                              | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  |
| IGMP Snooping                                 | •   | •   | •   | •   |
| <b>VLAN</b>                                   |   |   |   |   |
| VLAN Group                                    | 128 K   | 128 K   | 128 K   | 128 K   |
| Asymmetric VLAN                               | •   | •   | •   | •   |
| Voice VLAN                                    | •   | •   | •   | •   |
| Surveillance VLAN                             | •   | •   | •   | •   |
| <b>QoS</b>                                    |   |   |   |   |
| 802.1p QoS                                    | •   | •   | •   | •   |
| Number of Queues per Port                     | 8   | 8   | 8   | 8   |
| Bandwidth Control (Min. Granularity)          | 16 Kbps   | 16 Kbps   | 16 Kbps   | 16 Kbps   |
| <b>Security</b>                               |   |   |   |   |
| TLS / SSL Support                             | SSL   | SSL   | SSL   | SSL   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |
| SNMP  | v1 / v2c  | v1 / v2c  | v1 / v2c  | v1 / v2c  |
| Web-Based GUI                                 | •   | •   | •   | •   |



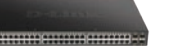
## Standard Smart Switches / DGS-1210 Series

| Model   | DGS-1210-10   | DGS-1210-10P  | DGS-1210-10MP   | DGS-1210-20   | DGS-1210-28   |
|---|---|---|---|---|---|
| Product Image                                 |  |  |  |  |  |
| <b>Hardware</b>                               |   |   |   |   |   |
| Number of 1G Ports                            | 8   | 8   | 8   | 16  | 24  |
| Number of 1G Combo Ports                      | -   | -   | -   | 4   | 4   |
| Number of 1G SFP Ports                        | 2   | 2   | 2   | -   | -   |
| Switching Capacity                            | 20 Gbps   | 20 Gbps   | 20 Gbps   | 40 Gbps   | 56 Gbps   |
| MAC Address                                   | 8K  | 8K  | 8K  | 8K  | 8K  |
| PoE Standards                                 | -   | IEEE 802.3af / at   | IEEE 802.3af / at   | -   | -   |
| PoE Power Budget                              | -   | 65W   | 130W  | -   | -   |
| PoE Capable Ports                             | -   | Port 1-8, up to 30W   | Port 1-8, up to 30W   | -   | -   |
| PD-ALive                                      | -   | •   | •   | -   | -   |
| Perpetual PoE                                 | -   | •   | -   | -   | -   |
| Power Supply Type                             | Internal  | External  | Internal  | Internal  | Internal  |
| Fan   | Fanless   | Fanless   | Fanless   | Fanless   | Fanless   |
| Dimension                                     | 280 x 126 x 44 mm   | 280 x 126 x 44 mm   | 330 x 180 x 44 mm   | 280 x 180 x 44 mm   | 440 x 140 x 44 mm   |
| D-Link Green, 802.3az EEE                     | •   | •   | •   | •   | •   |
| <b>L2</b>                                     |   |   |   |   |   |
| Spanning Tree                                 | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP   |
| Link Aggregation                              | 802.3ad   | 802.3 ad  | 802.3 ad  | 802.3 ad  | 802.3 ad  |
| IGMP Snooping                                 | •   | •   | •   | •   | •   |
| <b>VLAN</b>                                   |   |   |   |   |   |
| VLAN Group                                    | 256   | 256   | 256   | 256   | 256   |
| Asymmetric VLAN                               | •   | •   | •   | •   | •   |
| Voice VLAN                                    | •   | •   | •   | •   | •   |
| Surveillance VLAN                             | ONVIF   | ONVIF   | ONVIF   | ONVIF   | ONVIF   |
| <b>L3</b>                                     |   |   |   |   |   |
| IP Interfaces                                 | 4   | 4   | 4   | 4   | 4   |
| Static Route for IPv4 / IPv6                  | 124 / 50  | 124 / 50  | 124 / 50  | 124 / 50  | 124 / 50  |
| <b>QoS</b>                                    |   |   |   |   |   |
| 802.1p QoS                                    | •   | •   | •   | •   | •   |
| Number of Queues per Port                     | 8   | 8   | 8   | 8   | 8   |
| Bandwidth Control (Min. Granularity)          | 16 Kbps   | 16 Kbps   | 16 Kbps   | 16 Kbps   | 16 Kbps   |
| <b>ACL</b>                                    |   |   |   |   |   |
| ACL Entry (Ingress / Egress)                  | Ingress   | Ingress   | Ingress   | Ingress   | Ingress   |
| VLAN-Based ACL                                | •   | •   | •   | •   | •   |
| <b>Security</b>                               |   |   |   |   |   |
| SSH   | •   | •   | •   | •   | •   |
| TLS / SSL Support                             | TLS   | TLS   | TLS   | TLS   | TLS   |
| IP-MAC-Port Binding (IMPB)                    | •   | •   | •   | •   | •   |
| ARP Spoofing Prevention                       | •   | •   | •   | •   | •   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   | •   |
| <b>AAA</b>                                    |   |   |   |   |   |
| 802.1X Access Control                         | •   | •   | •   | •   | •   |
| RADIUS  | •   | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |   |
| SNMP  | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   |
| RMON v1 / v2                                  | v1  | v1  | v1  | v1  | v1  |
| Command Line Interface (CLI)                  | Compact   | Compact   | Compact   | Compact   | Compact   |
| Web-Based GUI                                 | •   | •   | •   | •   | •   |





| Model   | DGS-1210-28P  | DGS-1210-28MP   | DGS-1210-52   | DGS-1210-52MP   |
|---|---|---|---|---|
| Product Image                                 |  |  |  |  |
| <b>Hardware</b>                               |   |   |   |   |
| Number of 1G Ports                            | 24  | 24  | 48  | 48  |
| Number of 1G Combo Ports                      | 4   | 4   | 4   | 4   |
| Number of 1G SFP Ports                        | -   | -   | -   | -   |
| Switching Capacity                            | 56 Gbps   | 56 Gbps   | 104 Gbps  | 104 Gbps  |
| MAC Address                                   | 8K  | 8K  | 16K   | 16K   |
| PoE Standards                                 | IEEE 802.3af / at   | IEEE 802.3af / at   | -   | IEEE 802.3af / at   |
| PoE Power Budget                              | 193W  | 370W  | -   | 370W  |
| PoE Capable Ports                             | Port 1-24, up to 30W  | Port 1-24, up to 30W  | -   | Port 1-48, up to 30W  |
| PD-ALive                                      | •   | •   | -   | •   |
| Perpetual PoE                                 | •   | •   | -   | •   |
| Power Supply Type                             | Internal  | Internal  | Internal  | Internal  |
| Fan   | 2 Smart Fans  | 3 Smart Fans  | 1 Smart Fan   | 2 Smart Fans  |
| Dimension                                     | 440 x 250 x 44 mm   | 440 x 250 x 44 mm   | 440 x 210 x 44 mm   | 440 x 430 x 44 mm   |
| D-Link Green, 802.3az EEE                     | •   | •   | •   | •   |
| <b>L2</b>                                     |   |   |   |   |
| Spanning Tree                                 | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP   |
| Link Aggregation                              | 802.3 ad  | 802.3 ad  | 802.3 ad  | 802.3 ad  |
| IGMP Snooping                                 | •   | •   | •   | •   |
| <b>VLAN</b>                                   |   |   |   |   |
| VLAN Group                                    | 256   | 256   | 256   | 256   |
| Asymmetric VLAN                               | •   | •   | •   | •   |
| Voice VLAN                                    | •   | •   | •   | •   |
| Surveillance VLAN                             | ONVIF   | ONVIF   | ONVIF   | ONVIF   |
| <b>L3</b>                                     |   |   |   |   |
| IP Interfaces                                 | 4   | 4   | 4   | 4   |
| Static Route for IPv4 / IPv6                  | 124 / 50  | 124 / 50  | 124 / 50  | 124 / 50  |
| <b>QoS</b>                                    |   |   |   |   |
| 802.1p QoS                                    | •   | •   | •   | •   |
| Number of Queues per Port                     | 8   | 8   | 8   | 8   |
| Bandwidth Control (Min. Granularity)          | 16 Kbps   | 16 Kbps   | 16 Kbps   | 16 Kbps   |
| <b>ACL</b>                                    |   |   |   |   |
| ACL Entry (Ingress / Egress)                  | Ingress   | Ingress   | Ingress   | Ingress   |
| VLAN-Based ACL                                | •   | •   | •   | •   |
| <b>Security</b>                               |   |   |   |   |
| SSH   | •   | •   | •   | •   |
| TLS / SSL Support                             | TLS   | TLS   | TLS   | TLS   |
| IP-MAC-Port Binding (IMPB)                    | •   | •   | •   | •   |
| ARP Spoofing Prevention                       | •   | •   | •   | •   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   |
| <b>AAA</b>                                    |   |   |   |   |
| 802.1X Access Control                         | •   | •   | •   | •   |
| RADIUS  | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |
| SNMP  | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   |
| RMON v1 / v2                                  | v1  | v1  | v1  | v1  |
| Command Line Interface (CLI)                  | Compact   | Compact   | Compact   | Compact   |
| Web-Based GUI                                 | •   | •   | •   | •   |





## Standard Smart Switches / DGS-1250 Series

| Model                                 | DGS-1250-28X  | DGS-1250-28XMP  | DGS-1250-52X   | DGS-1250-52XMP  |
|---------------------------------------|---|---|--|---|
| Product Image                         |  |  |  |  |
| <b>Hardware</b>                       |   |   |  |   |
| Number of 1G Ports                    | 24  | 24  | 48   | 48  |
| Number of 10G SFP+ Ports              | 4   | 4   | 4  | 4   |
| Switching Capacity                    | 128 Gbps  | 128 Gbps  | 176 Gbps   | 176 Gbps  |
| MAC Address                           | 32K   | 16K   | 32K  | 32K   |
| PoE Standards                         | -   | IEEE 802.3af / at   | -  | IEEE 802.3af / at   |
| PoE Power Budget                      | -   | 370W  | -  | 370W  |
| PoE Capable Ports                     | -   | Port 1-24, up to 30W  | -  | -   |
| PD-ALive                              | -   | •   | -  | •   |
| Perpetual PoE                         | -   | •   | -  | •   |
| Fast PoE                              | -   | •   | -  | •   |
| Power Supply Type                     | Internal  | Internal  | Internal   | Internal  |
| Fan                                   | 1 Smart Fan   | 1 Smart Fan   | 2 Smart Fans   | 2 Smart Fans  |
| Dimension                             | 440 x 140 x 44 mm   | 440 x 210 x 44 mm   | 440 x 250 x 44 mm  | 440 x 250 x 44 mm   |
| D-Link Green, 802.3az EEE             | •   | •   | •  | •   |
| Console Port (RJ-45)                  | •   | •   | •  | •   |
| <b>L2</b>                             |   |   |  |   |
| Spanning Tree                         | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP  | STP, RSTP, MSTP   |
| Link Aggregation                      | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  | 802.3ad, 802.1AX   | 802.3ad, 802.1AX  |
| IGMP Snooping                         | •   | •   | •  | •   |
| <b>VLAN</b>                           |   |   |  |   |
| VLAN Group                            | 4 K   | 4 K   | 4 K  | 4 K   |
| Asymmetric VLAN                       | •   | •   | •  | •   |
| Voice VLAN                            | •   | •   | •  | •   |
| Surveillance VLAN                     | ONVIF   | ONVIF   | ONVIF  | ONVIF   |
| <b>L3</b>                             |   |   |  |   |
| IP Interfaces                         | 4   | 4   | 4  | 4   |
| Static Route for IPv4 / IPv6          | 124 / 50  | 124 / 50  | 124 / 50   | 124 / 50  |
| <b>Qos</b>                            |   |   |  |   |
| 802.1p QoS                            | •   | •   | •  | •   |
| Number of Queues per Port             | 8   | 8   | 8  | 8   |
| Bandwidth Control (Min. Granularity)  | 16 Kbps   | 16 Kbps   | 16 Kbps  | 16 Kbps   |
| <b>Surveillance Mode</b>              |   |   |  |   |
| Video Surveillance Mode               | •   | -   | •  | -   |
| ONVIF Device Discovery                | •   | -   | •  | -   |
| Video Surveillance Topology           | •   | -   | •  | -   |
| Video Surveillance Device Information | •   | -   | •  | -   |





| Model   | DGS-1250-28X  | DGS-1250-28XMP  | DGS-1250-52X  | DGS-1250-52XMP  |
|---|---|---|---|---|
| Product Image                                 |  |  |  |  |
| <b>ACL</b>                                    |   |   |   |   |
| ACL Entry (Ingress / Egress)                  | Ingress   | Ingress   | Ingress   | Ingress   |
| VLAN-Based ACL                                | •   | •   | •   | •   |
| <b>Security</b>                               |   |   |   |   |
| SSH   | •   | •   | •   | •   |
| TLS / SSL Support                             | TLS, SSL  | TLS, SSL  | TLS, SSL  | TLS, SSL  |
| IP-MAC-Port Binding (IMPB)                    | •   | •   | •   | •   |
| ARP Spoofing Prevention                       | •   | •   | •   | •   |
| BPDU Attack Protection                        | -   | •   | -   | -   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   |
| <b>AAA</b>                                    |   |   |   |   |
| 802.1X Access Control                         | •   | •   | •   | •   |
| RADIUS  | •   | •   | •   | •   |
| TACACS+                                       | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |
| SNMP  | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   |
| RMON v1 / v2                                  | v1  | v1  | v1  | v1  |
| Command Line Interface (CLI)                  | Full  | Full  | Full  | Full  |
| Web-Based GUI                                 | •   | •   | •   | •   |





## Standard Smart Switches / DMS-1250 Series

| Model                                | DMS-1250-10S  | DMS-1250-10SP   | DMS-1250-12  | DMS-1250-12TP   |
|--------------------------------------|---|---|--|---|
| Product Image                        |  |  |  |  |
| <b>Hardware</b>                      |   |   |  |   |
| Number of 2.5G Ports                 | 8   | 8   | 8  | 8   |
| Number of 10G Ports                  | -   | -   | 2  | 2   |
| Number of 10G SFP+ Ports             | 2   | 2   | 2  | 2   |
| Switching Capacity                   | 80 Gbps   | 80 Gbps   | 120 Gbps   | 120 Gbps  |
| MAC Address                          | 16K   | 16K   | 16K  | 16K   |
| PoE Standards                        | -   | IEEE 802.3af / at   | -  | IEEE 802.3af / at   |
| PoE Power Budget                     | -   | 240W  | -  | 240W  |
| PoE Capable Ports                    | -   | Port 1-8, up to 30W   | -  | Port 1-8, up to 30W   |
| PD-ALive                             | -   | •   | -  | •   |
| Perpetual PoE                        | -   | •   | -  | •   |
| Fast PoE                             | -   | •   | -  | •   |
| Power Supply Type                    | Internal  | Internal  | Internal   | Internal  |
| Fan                                  | Fanless   | 2 Smart Fans  | 1 Smart Fan  | 2 Smart Fans  |
| Dimension                            | 330 x 200 x 44 mm   | 330 x 200 x 44 mm   | 440 x 210 x 44 mm  | 440 x 210 x 44 mm   |
| D-Link Green, 802.3az EEE            | •   | •   | •  | •   |
| Console Port (RJ-45)                 | •   | •   | •  | •   |
| <b>L2</b>                            |   |   |  |   |
| Spanning Tree                        | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP  | STP, RSTP, MSTP   |
| G.8032 ERPS                          | ERPS  | ERPS  | ERPS   | ERPS  |
| Link Aggregation                     | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  | 802.3ad, 802.1AX   | 802.3ad, 802.1AX  |
| IGMP Snooping                        | •   | •   | •  | •   |
| <b>VLAN</b>                          |   |   |  |   |
| VLAN Group                           | 4 K   | 4 K   | 4 K  | 4 K   |
| GVRP                                 | •   | •   | •  | •   |
| VLAN Translation                     | •   | •   | •  | •   |
| Asymmetric VLAN                      | •   | •   | •  | •   |
| Voice VLAN                           | •   | •   | •  | •   |
| Surveillance VLAN                    | ONVIF   | ONVIF   | ONVIF  | ONVIF   |
| ISM VLAN                             | •   | •   | •  | •   |
| Double VLAN (Q-in-Q)                 | •   | •   | •  | •   |
| Selective Q-in-Q                     | •   | •   | •  | •   |
| <b>L3</b>                            |   |   |  |   |
| IP Interfaces                        | 8   | 8   | 8  | 8   |
| Static Route for IPv4 / IPv6         | 128 / 64  | 128 / 64  | 128 / 64   | 128 / 64  |
| <b>QoS</b>                           |   |   |  |   |
| 802.1p QoS                           | •   | •   | •  | •   |
| Number of Queues per Port            | 8   | 8   | 8  | 8   |
| Bandwidth Control (Min. Granularity) | 16 Kbps   | 16 Kbps   | 16 Kbps  | 16 Kbps   |


| Model   | DMS-1250-10S  | DMS-1250-10SP   | DMS-1250-12   | DMS-1250-12TP   |
|---|---|---|---|---|
| Product Image                                 |  |  |  |  |
| <b>ACL</b>                                    |   |   |   |   |
| ACL Entry (Ingress / Egress)                  | Ingress   | Ingress   | Ingress   | Ingress   |
| VLAN-Based ACL                                | •   | •   | •   | •   |
| Time-Based ACL                                | •   | •   | •   | •   |
| <b>Security</b>                               |   |   |   |   |
| SSH   | •   | •   | •   | •   |
| TLS / SSL Support                             | TLS, SSL  | TLS, SSL  | TLS, SSL  | TLS, SSL  |
| IP-MAC-Port Binding (IMPB)                    | •   | •   | •   | •   |
| ARP Spoofing Prevention                       | •   | •   | •   | •   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   |
| <b>AAA</b>                                    |   |   |   |   |
| 802.1X Access Control                         | •   | •   | •   | •   |
| RADIUS  | •   | •   | •   | •   |
| TACACS+                                       | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |
| SNMP  | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   |
| RMON v1 / v2                                  | v1 / v2   | v1 / v2   | v1 / v2   | v1 / v2   |
| Command Line Interface (CLI)                  | Full  | Full  | Full  | Full  |
| Web-Based GUI                                 | •   | •   | •   | •   |


## Standard Smart Switches / DMS-1250 Series

| Model                                | DMS-1250-18   | DMS-1250-18P  | DMS-1250-28  | DMS-1250-28P  |
|--------------------------------------|---|---|--|---|
| Product Image                        |  |  |  |  |
| <b>Hardware</b>                      |   |   |  |   |
| Number of 2.5G Ports                 | 16  | 16  | 24   | 24  |
| Number of 10G SFP+ Ports             | 2   | 2   | 4  | 4   |
| Switching Capacity                   | 120 Gbps  | 120 Gbps  | 200 Gbps   | 200 Gbps  |
| MAC Address                          | 16K   | 16K   | 32K  | 16K   |
| PoE Standards                        | -   | IEEE 802.3af / at / bt  | -  | IEEE 802.3af / at / bt  |
| PoE Power Budget                     | -   | 370W  | -  | 475W  |
| PoE Capable Ports                    | -   | Port 1-16, up to 90W  | -  | Port 1-24, up to 90W  |
| PD-ALive                             | -   | •   | -  | •   |
| Perpetual PoE                        | -   | •   | -  | •   |
| Fast PoE                             | -   | •   | -  | •   |
| Power Supply Type                    | Internal  | Internal  | Internal   | Internal  |
| Fan                                  | Fanless   | 3 Smart Fans  | 2 Smart Fans   | 4 Smart Fans  |
| Dimension                            | 440 x 250 x 44 mm   | 440 x 250 x 44 mm   | 440 x 250 x 44 mm  | 440 x 250 x 44 mm   |
| D-Link Green, 802.3az EEE            | •   | •   | •  | •   |
| Console Port (RJ-45)                 | •   | •   | •  | •   |
| <b>L2</b>                            |   |   |  |   |
| Spanning Tree                        | STP, RSTP, MSTP   | STP, RSTP, MSTP   | STP, RSTP, MSTP  | STP, RSTP, MSTP   |
| G.8032 ERPS                          | ERPS  | ERPS  | ERPS   | ERPS  |
| Link Aggregation                     | 802.3ad, 802.1AX  | 802.3ad, 802.1AX  | 802.3ad, 802.1AX   | 802.3ad, 802.1AX  |
| IGMP Snooping                        | •   | •   | •  | •   |
| <b>VLAN</b>                          |   |   |  |   |
| VLAN Group                           | 4 K   | 4 K   | 4 K  | 4 K   |
| GVRP                                 | •   | •   | •  | •   |
| VLAN Translation                     | •   | •   | •  | •   |
| Asymmetric VLAN                      | •   | •   | •  | •   |
| Voice VLAN                           | •   | •   | •  | •   |
| Surveillance VLAN                    | ONVIF   | ONVIF   | ONVIF  | ONVIF   |
| ISM VLAN                             | •   | •   | •  | •   |
| Double VLAN (Q-in-Q)                 | •   | •   | •  | •   |
| Selective Q-in-Q                     | •   | •   | •  | •   |
| <b>L3</b>                            |   |   |  |   |
| IP Interfaces                        | 8   | 8   | 8  | 8   |
| Static Route for IPv4 / IPv6         | 128 / 64  | 128 / 64  | 128 / 64   | 128 / 64  |
| <b>QoS</b>                           |   |   |  |   |
| 802.1p QoS                           | •   | •   | •  | •   |
| Number of Queues per Port            | 8   | 8   | 8  | 8   |
| Bandwidth Control (min. Granularity) | 16 Kbps   | 16 Kbps   | 16 Kbps  | 16 Kbps   |





| Model   | DMS-1250-18   | DMS-1250-18P  | DMS-1250-28   | DMS-1250-28P  |
|---|---|---|---|---|
| Product Image                                 |  |  |  |  |
| <b>ACL</b>                                    |   |   |   |   |
| ACL Entry (Ingress / Egress)                  | Ingress   | Ingress   | Ingress   | Ingress   |
| VLAN-Based ACL                                | •   | •   | •   | •   |
| Time-Based ACL                                | •   | •   | •   | •   |
| <b>Security</b>                               |   |   |   |   |
| SSH   | •   | •   | •   | •   |
| TLS / SSL Support                             | TLS, SSL  | TLS, SSL  | TLS, SSL  | TLS, SSL  |
| IP-MAC-Port Binding (IMPB)                    | •   | •   | •   | •   |
| ARP Spoofing Prevention                       | •   | •   | •   | •   |
| Broadcast / Multicast / Unicast Storm Control | •   | •   | •   | •   |
| <b>AAA</b>                                    |   |   |   |   |
| 802.1X Access Control                         | •   | •   | •   | •   |
| RADIUS  | •   | •   | •   | •   |
| TACACS+                                       | •   | •   | •   | •   |
| <b>Management</b>                             |   |   |   |   |
| SNMP  | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   | v1 / v2c / v3   |
| RMON v1 / v2                                  | v1 / v2   | v1 / v2   | v1 / v2   | v1 / v2   |
| Command Line Interface (CLI)                  | Full  | Full  | Full  | Full  |
| Web-Based GUI                                 | •   | •   | •   | •   |

## Network Controllers

| Model                           | DNH-1000  |
|---------------------------------|---|
| Product Image                   |                                    |
| <b>Hardware</b>                 |   |
| Device Interfaces               | <ul style="list-style-type: none"> <li>• 1 x 2.5G Ethernet Port</li> <li>• 1 x USB 3.0</li> </ul>                   |
| LEDs                            | Power / Status / LAN  |
| Dimension                       | 190 x 120 x 38 mm   |
| Weight                          | 640 g   |
| Power Source                    | 12V / 2A  |
| Operating Temperature           | 0 °C to 40 °C (32 °F to 104 °F)   |
| Storage Temperature             | -20 °C to 70 °C (-4 °F to 158 °F)   |
| Operating Humidity              | 10% to 90% non-condensing   |
| Storage Humidity                | 5% to 95% non-condensing  |
| <b>Software</b>                 |   |
| Management System               | Nuclias Connect   |
| <b>Device Management</b>        |   |
| Management Scale                | 500 devices   |
| Network Type                    | Small / Medium Network  |
| Managed Device                  | <ul style="list-style-type: none"> <li>• All EAPs</li> <li>• Aggregation Switch</li> <li>• Edge Switches</li> </ul> |
| <b>System Management</b>        |   |
| Setup Wizard                    | •   |
| Role Based Administration       | •   |
| Multi-Site Management           | •   |
| Device Layer 2 / 3 Discovery    | Layer 2 / Layer 3   |
| Custom / Topology / Device View | •   |
| Event Alarm and Notification    | •   |
| Network Summary Report          | •   |
| Batch Configuration             | •   |
| Batch Firmware Upgrading        | •   |
| Online Firmware Upgrade         | •   |
| Single Sign On                  | •   |
| REST API Support                | •   |
| Multilingual                    | •   |
| <b>Wired Function</b>           |   |
| VLAN Group                      | •   |
| MAC ACL Group                   | •   |
| PoE Schedule                    | •   |
| IGMP Snooping Configuration     | •   |
| MAC Forwarding Table            | •   |
| Cable Diagnostic                | •   |


| Model                         | DNH-1000  |
|-------------------------------|---|
| Product Image                 |    |
| <b>Wireless Function</b>      |   |
| Captive Portal Authentication | Web Redirect Only, Local DB, Remote Radius, LDAP, External Captive Portal, POP3, Passcode, MAC Address, Click Through, Google Login |
| IP / MAC Filter               | •   |
| Auto RF Management            | •   |
| Bandwidth Optimization        | •   |
| Wireless Schedule             | •   |
| AP Reboot Schedule            | •   |
| Neighbor AP Detection         | •   |

## Enterprise Access Points


|                        | Wi-Fi 7   |   | Wi-Fi 6   |   |
|------------------------|---|---|---|---|
| Model                  | DAP-E9560   | DAP-X2810   | DAP-X2850   | DAP-X3060   |
| Product Image          |    |    |   |    |
| <b>Hardware</b>        |   |   |   |   |
| Environment            | Ceiling   | Ceiling   | Ceiling   | Ceiling   |
| Device Interfaces      | <ul style="list-style-type: none"> <li>1 x RJ-45 console port</li> <li>1 x 10 / 100 / 1000 / 2.5G / 5G / 10G Ethernet (PoE) LAN port</li> <li>1 x 10 / 100 / 1000 / 2.5G LAN port</li> <li>Factory reset button</li> <li>Power input</li> </ul> | <ul style="list-style-type: none"> <li>1 x RJ-45 console port</li> <li>1 x 10 / 100 / 1000 LAN port</li> <li>Factory reset button</li> <li>Power input</li> </ul> | <ul style="list-style-type: none"> <li>1 x RJ-45 console port</li> <li>1 x 10 / 100 / 1000 / 2.5G Ethernet (PoE) LAN port</li> <li>1 x 10 / 100 / 1000 LAN port</li> <li>Factory reset button</li> <li>Power input</li> </ul> | <ul style="list-style-type: none"> <li>1 x RJ-45 console port</li> <li>1 x 10 / 100 / 1000 / 2.5G Ethernet (PoE) LAN port</li> <li>Factory reset button</li> <li>Power input</li> </ul> |
| LED                    | Power / Status  | Power / Status  | Power / Status  | Power / Status  |
| Antennas               | 6 x Internal Antennas   | 2 x Internal Antennas   | 8 x Internal Antennas   | 4 x Internal Antennas   |
| Antenna Gain           | <ul style="list-style-type: none"> <li>2.4 GHz: 3.3 dBi</li> <li>5 GHz: 4.8 dBi</li> <li>6 GHz: 4.6 dBi</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: 3.2 dBi</li> <li>5 GHz: 4.3 dBi</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: 3.5 dBi</li> <li>5 GHz: 5.5 dBi</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: 3 dBi</li> <li>5 GHz: 3 dBi</li> </ul>  |
| Maximum Output Power   | <ul style="list-style-type: none"> <li>2.4 GHz: 23 dBm</li> <li>5 GHz: 25 dBm</li> <li>6 GHz: 24 dBm</li> </ul>   | <ul style="list-style-type: none"> <li>2.4 GHz: 23 dBm</li> <li>5 GHz: 26 dBm</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: 28 dBm</li> <li>5 GHz: 25.5 dBm</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: 23 dBm</li> <li>5 GHz: 22 dBm</li> </ul>  |
| Data Signal Rate       | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 688 Mbps</li> <li>5 GHz: Up to 2882 Mbps</li> <li>6 GHz: Up to 5764 Mbps</li> </ul>   | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 574 Mbps</li> <li>5 GHz: Up to 1201 Mbps</li> </ul>   | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 1147 Mbps</li> <li>5 GHz: Up to 2402 Mbps</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 574 Mbps</li> <li>5 GHz: Up to 2402 Mbps</li> </ul>   |
| <b>Functionality</b>   |   |   |   |   |
| Standards              | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax / be</li> <li>IEEE 802.3bt PoE</li> </ul>   | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax</li> <li>IEEE 802.3at PoE</li> </ul>  | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax</li> <li>IEEE 802.3at PoE</li> </ul>  | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax</li> <li>IEEE 802.3at PoE</li> </ul>  |
| Operating Frequency    | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> <li>5.925 - 7.125 GHz</li> </ul>  | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> </ul>   | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> </ul>   | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> </ul>   |
| Security Protocol      | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>   | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>                       | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>   | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>   |
| <b>Software</b>        |   |   |   |   |
| Network Management     | <ul style="list-style-type: none"> <li>Web</li> <li>D-Link Nuclias Connect</li> <li>SNMP</li> </ul>   | <ul style="list-style-type: none"> <li>Web</li> <li>D-Link Nuclias Connect</li> <li>SNMP</li> </ul>   | <ul style="list-style-type: none"> <li>Web</li> <li>D-Link Nuclias Connect</li> <li>SNMP</li> </ul>   | <ul style="list-style-type: none"> <li>Web</li> <li>D-Link Nuclias Connect</li> <li>SNMP</li> </ul>   |
| <b>Physical</b>        |   |   |   |   |
| Power Supply           | <ul style="list-style-type: none"> <li>IEEE 802.3bt PoE</li> <li>USB Type C (Optional power adapter)</li> </ul>   | <ul style="list-style-type: none"> <li>IEEE 802.3at PoE</li> <li>12V / 2.5A (Optional power adapter)</li> </ul>   | <ul style="list-style-type: none"> <li>IEEE 802.3at PoE</li> <li>12V / 2.5A (Optional power adapter)</li> </ul>   | <ul style="list-style-type: none"> <li>IEEE 802.3at PoE</li> <li>12V / 2.5A (Optional power adapter)</li> </ul>   |
| Max. Power Consumption | 27.756W   | 16W   | 19.44W  | 16.7W   |
| MTBF                   | > 30,000 hours  | > 30,000 hours  | > 30,000 hours  | > 30,000 hours  |
| Operating Temperature  | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   |
| Storage Temperature    | -20 °C to 65 °C (-4 °F to 149 °F)   | -20 °C to 65 °C (-4 °F to 149 °F)   | -20 °C to 65 °C (-4 °F to 149 °F)   | -20 °C to 65 °C (-4 °F to 149 °F)   |
| Operating Humidity     | 10% to 90%  | 10% to 90%  | 10% to 90%  | 10% to 90%  |
| Storage Humidity       | 5% to 95%   | 5% to 95%   | 5% to 95%   | 5% to 95%   |
| Weight                 | 1,167 g   | 477.4 g   | 807.7 g   | 612.4 g   |
| Dimension              | 223.04 x 223.04 x 42.5 mm   | 170 x 170 x 33.7 mm   | 212.4 x 212.4 x 46.7 mm   | 190 x 190 x 42.8 mm   |
| Certification          | CE, FCC   | CE, FCC, IC, RCM, LVD   | CE, FCC, IC, RCM, LVD   | CE, FCC, IC, RCM, LVD   |

|                        | Wi-Fi 6  |
|------------------------|--|
| Model                  | DAP-X3060OU  |
| Product Image          |   |
| <b>Hardware</b>        |  |
| Environment            | Outdoor  |
| Device Interfaces      | <ul style="list-style-type: none"> <li>1 x RJ-45 console port</li> <li>1 x 10 / 100 / 1000 / 2.5G Ethernet (PoE) LAN port</li> <li>Factory reset button</li> </ul> |
| LED                    | Power / Status   |
| Antennas               | 4 x Internal Antennas  |
| Antenna Gain           | <ul style="list-style-type: none"> <li>2.4 GHz: 5 dBi</li> <li>5 GHz: 7.9 dBi</li> </ul>   |
| Maximum Output Power   | <ul style="list-style-type: none"> <li>2.4 GHz: 23 dBm</li> <li>5 GHz: 22 dBm</li> </ul>   |
| Data Signal Rate       | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 574 Mbps</li> <li>5 GHz: Up to 2402 Mbps</li> </ul>  |
| <b>Functionality</b>   |  |
| Standards              | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax</li> <li>IEEE 802.3at PoE</li> </ul>   |
| Operating Frequency    | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> </ul>  |
| Security Protocol      | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>                        |
| <b>Software</b>        |  |
| Network Management     | <ul style="list-style-type: none"> <li>Web</li> <li>D-Link Nuclias Connect</li> <li>SNMP</li> </ul>  |
| <b>Physical</b>        |  |
| Power Supply           | IEEE 802.3at PoE   |
| Max. Power Consumption | 16.7W  |
| MTBF                   | > 30,000 hours   |
| Operating Temperature  | -30 °C to 60 °C (-22 °F to 140 °F)   |
| Storage Temperature    | -30 °C to 65 °C (-22 °F to 149 °F)   |
| Operating Humidity     | 10% to 90%   |
| Storage Humidity       | 5% to 95%  |
| Weight                 | 1,159 g  |
| Dimension              | 277 x 240 x 50 mm  |
| Certifications         | CE, FCC, UL, IP68  |



## Smart Access Points


| Model                 | DBR-X3000-AP   |
|-----------------------|--|
| Product Image         |   |
| <b>Hardware</b>       |  |
| Environment           | Ceiling  |
| Device Interfaces     | <ul style="list-style-type: none"> <li>1 x 10 / 100 / 1000 Ethernet (PoE) LAN port</li> <li>Factory reset button</li> <li>Power input</li> </ul> |
| LEDs                  | Power / Status   |
| Antennas              | 3 x Internal Antennas  |
| Antenna Gain          | <ul style="list-style-type: none"> <li>2.4 GHz: 3 dBi</li> <li>5 GHz: 3 dBi</li> </ul>   |
| Maximum Output Power  | <ul style="list-style-type: none"> <li>2.4 GHz: 23 dBm</li> <li>5 GHz: 22 dBm</li> </ul>   |
| Data Signal Rate      | <ul style="list-style-type: none"> <li>2.4 GHz: Up to 574 Mbps</li> <li>5 GHz: Up to 2402 Mbps</li> </ul>  |
| <b>Functionality</b>  |  |
| Standards             | <ul style="list-style-type: none"> <li>IEEE 802.11a / b / g / n / ac / ax</li> <li>IEEE 802.3at PoE</li> </ul>                                   |
| Operating Frequency   | <ul style="list-style-type: none"> <li>2.4 - 2.483 GHz</li> <li>5.15 - 5.35 GHz</li> <li>5.47 - 5.85 GHz</li> </ul>                              |
| Security Protocol     | <ul style="list-style-type: none"> <li>WPA / WPA2 / WPA3™ Personal / Enterprise</li> <li>SSID Broadcast Disable</li> <li>MAC ACL</li> </ul>      |
| <b>Software</b>       |  |
| Network Management    | Web (Managed by DBR-600-P, DBR-700)  |
| <b>Physical</b>       |  |
| Power Supply          | <ul style="list-style-type: none"> <li>IEEE 802.3at PoE</li> <li>12V / 1A (Optional power adapter)</li> </ul>                                    |
| MTBF                  | > 30,000 hours   |
| Operating Temperature | 0 °C to 40 °C (32 °F to 104 °F)  |
| Storage Temperature   | -20 °C to 65 °C (-4 °F to 149 °F)  |
| Operating Humidity    | 10% to 90%   |
| Storage Humidity      | 5% to 95%  |
| Weight                | 340 g  |
| Dimension             | 170 x 170 x 33.7 mm  |
| Certification         | CE, FCC, IC  |

## SOHO Routers





| Model                 | DBR-560   |
|-----------------------|---|
| Product Image         |    |
| <b>Hardware</b>       |   |
| Device Interfaces     | <ul style="list-style-type: none"> <li>1 x 2.5 Gigabit Ethernet WAN port</li> <li>4 x Gigabit Ethernet LAN port</li> <li>1 x USB Type-C</li> <li>1 x Power connector</li> <li>1 x WPS button</li> <li>1 x Power button</li> </ul> |
| LEDs                  | Wi-Fi status, Internet status   |
| Standards             | <ul style="list-style-type: none"> <li>IEEE 802.11b / g / n / ac / ax</li> <li>IEEE 802.3u / ab / bz</li> </ul>   |
| Wi-Fi Data Rates      | 6000 Mbps (5 GHz up to 4804 Mbps / 2.4 GHz up to 1148 Mbps)   |
| Internet Connectivity | Ethernet WAN, 4G / 5G adapter (compatible with D-Link DWM-222W & D501 only)   |
| Antenna Type          | <ul style="list-style-type: none"> <li>4 x Wi-Fi 2.4 GHz internal antennas</li> <li>4 x Wi-Fi 5 GHz internal antennas</li> </ul>  |
| <b>Functionality</b>  |   |
| Security Protocol     | <ul style="list-style-type: none"> <li>WPA™</li> <li>WPA2™</li> <li>WPA3™</li> </ul>  |
| Operation Mode        | <ul style="list-style-type: none"> <li>Router mode</li> <li>4G / 5G hotspot mode (compatible with D-Link DWM-222W &amp; D501 only)</li> </ul>   |
| File Sharing          | Join N' Share (Web-based file sharing function)   |
| Firewall              | Stateful Packet Inspection, virtual server, IP Address / domain Filtering, 1 x DMZ  |
| <b>Software</b>       |   |
| Device Management     | Web UI  |
| <b>Physical</b>       |   |
| Power Input           | 12V / 4A  |
| Max Power Consumption | 48W   |
| Operating Temperature | -10 °C to 40 °C (14 °F to 104 °F)   |
| Storage Temperature   | -20 °C to 65 °C (-4 °F to 149 °F)   |
| Operating Humidity    | 10% to 95% non-condensing   |
| Storage Humidity      | 5% to 95% non-condensing  |
| Weight                | 660 g   |
| Dimension             | 137 x 146 x 205 mm  |
| Certification         | CE  |

## Business Routers




| Model                             | DBR-600-P   | DBR-700   |
|-----------------------------------|---|---|
| Product Image                     |    |    |
| <b>Hardware</b>                   |   |   |
| Ethernet Interface                | <ul style="list-style-type: none"> <li>• 1 x 10 / 100 / 1000 / 2.5G WAN port</li> <li>• 7 x 10 / 100 / 1000 / 2.5G Mbps LAN ports</li> <li>• 1 x 10 / 100 / 1000 / 2.5G Mbps configurable port</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x 10 / 100 / 1000 / 2.5G WAN port</li> <li>• 6 x 10 / 100 / 1000 / 2.5G Mbps LAN ports</li> <li>• 1 x 10 / 100 / 1000 / 2.5G Mbps configurable port</li> <li>• 1 x 2.5G SFP+ port</li> </ul> |
| PoE Port                          | 8 (120W Power Budget)   | –   |
| USB Port                          | USB 3.0   | –   |
| Console Port                      | •   | •   |
| <b>Internet Connection Type</b>   |   |   |
| Static / Dynamic IP               | •   | •   |
| PPPoE                             | •   | •   |
| <b>Firewall System</b>            |   |   |
| Dynamic DNS                       | •   | •   |
| NAT / Port Forwarding             | •   | •   |
| MAC / IP Filtering                | •   | •   |
| URL Filtering                     | •   | •   |
| Intrusion Prevention System (IPS) | •   | •   |
| Firewall Policies                 | •   | •   |
| <b>VPN</b>                        |   |   |
| IPSec                             | •   | •   |
| PPTP                              | •   | •   |
| L2TP                              | •   | •   |
| OpenVPN                           | •   | •   |
| WireGuard                         | •   | •   |
| <b>Networking</b>                 |   |   |
| DHCP Server / Client              | •   | •   |
| VLAN                              | •   | •   |
| IPv6                              | •   | •   |
| WAN Failover                      | •   | •   |
| Outbound Load Balancing           | •   | •   |
| Dynamic Route                     | •   | •   |
| Static Route                      | •   | •   |
| Captive Portal                    | Click Through / Radius / Local DB   | Click Through / Radius / Local DB   |
| Radius Authentication             | •   | •   |

| Model                             | DBR-600-P   | DBR-700   |
|-----------------------------------|---|---|
| Product Image                     |  |  |
| <b>Performance</b>                |   |   |
| Firewall Throughput               | 2000 Mbps   | 2450 Mbps   |
| VPN Throughput                    | 300 Mbps  | 400 Mbps  |
| Concurrent Session                | 65535   | 65535   |
| New Session (Per Second)          | 4000  | 4000  |
| Maxium IPSec VPN Tunnel           | 50  | 100   |
| Maxium PPTP / L2TP Tunnel         | 32  | 32  |
| <b>Wi-Fi</b>                      |   |   |
| AP Managed                        | • (Manage DBR-X3000-AP)   | • (Manage DBR-X3000-AP)   |
| <b>System Management</b>          |   |   |
| Web-Based User Interface          | •   | •   |
| <b>Physical &amp; Environment</b> |   |   |
| Power Input                       | 54V / 2.7A  | 12V / 4A adapter  |
| Dimensions                        | 120 x 190 x 38 mm   | 126 x 280 x 44 mm   |
| Operating Temperature             | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   |
| Storage Temperature               | -10 °C to 70 °C (14 °F to 158 °F)   | -10 °C to 70 °C (14 °F to 158 °F)   |
| Operating Humidity                | 10% to 90% non-condensing   | 10% to 90% non-condensing   |
| Storage Humidity                  | 0% to 95% non-condensing  | 0% to 95% non-condensing  |


## Industrial Unmanaged Switches

| Model                         | DIS-100E-05   | DIS-100G-06   | DIS-100G-06P  | DIS-100G-10   | DIS-100G-10P  |
|-------------------------------|---|---|---|---|---|
| Product Image                 |  |  |  |  |  |
| <b>Hardware</b>               |   |   |   |   |   |
| Number of 10 / 100 Mbps Ports | 5   | -   | -   | -   | -   |
| Number of Gigabit Ports       | -   | 4   | 4   | 8   | 8   |
| Number of SFP Ports           | -   | 2   | 2   | 2   | 2   |
| Switching Capacity            | 1 Gbps  | 12 Gbps   | 12 Gbps   | 20 Gbps   | 20 Gbps   |
| PoE Standards                 | -   | -   | IEEE 802.3af / at   | -   | IEEE 802.3af / at   |
| PoE Power Budget              | -   | -   | 120W  | -   | 240W  |
| PoE Capable Port              | -   | -   | Port 1-4, up to 30W   | -   | Port 1-8, up to 30W   |
| Fanless                       | •   | •   | •   | •   | •   |
| 802.3az EEE                   | •   | •   | •   | •   | •   |
| Power Supply Type             | DC: 12-55V Dual input   | DC: 12-55V Dual input   | DC: 48-55V Dual input   | DC: 12-55V Dual input   | DC: 48-57V Dual input   |
| DIN Rail                      | •   | •   | •   | •   | •   |
| Operating Temperature         | -40 °C to 75 °C<br>(-40 °F to 167 °F)   | -40 °C to 75 °C<br>(-40 °F to 167 °F)   | -40 °C to 75 °C<br>(-40 °F to 167 °F)   | -40 °C to 75 °C<br>(-40 °F to 167 °F)   | -40 °C to 75 °C<br>(-40 °F to 167 °F)   |
| Surge Protection              | 6kV   | 6kV   | 6kV   | 6kV   | 6kV   |
| Dimension                     | 100 x 76.5 x 30 mm  | 138 x 108 x 44 mm   | 138 x 108 x 44 mm   | 138 x 108 x 44 mm   | 130.6 x 99 x 40 mm  |
| Ingress Protection            | IP40  | IP40  | IP40  | IP40  | IP30  |
| Jumbo Frame                   | 1.5K  | 9K  | 9K  | 9K  | 9K  |
| <b>L2</b>                     |   |   |   |   |   |
| MAC Address                   | Up to 1K  | Up to 8K  | Up to 8K  | Up to 8K  | Up to 4K  |


## M2M Modems

| Model   | DWM-311   | DWM-311-G   | DWM-314-G   |
|---|---|---|---|
| Product Image   |  |  |  |
| <b>Hardware</b>                                       |   |   |   |
| Cellular Module                                       | 4G LTE Cat. 4   | 5G NR   | 5G NR   |
| Ethernet Interface                                    | 1 x GE  | 1 x 2.5GE   | 4 x GE  |
| SIM Slot  | 1 x 3FF Micro-SIM   | 1 x 3FF Micro-SIM   | 2 x 3FF Micro-SIM   |
| 4G / 5G Antenna Connectors                            | 2 x SMA   | 4 x SMA   | 4 x SMA   |
| USB   | 1 x Micro-USB port (power input)  | -   | -   |
| <b>Performance (Maximum Cellular Data Throughput)</b> |   |   |   |
| 5G NSA  | -   | 3.4 Gbps (DL) / 550 Mbps (UL)   | 3.4 Gbps (DL) / 550 Mbps (UL)   |
| 5G SA   | -   | 2.4 Gbps (DL) / 900 Mbps (UL)   | 2.4 Gbps (DL) / 900 Mbps (UL)   |
| LTE   | 150 Mbps (DL) / 50 Mbps (UL)  | 1.6 Gbps (DL) / 200 Mbps (UL)   | 1.6 Gbps (DL) / 200 Mbps (UL)   |
| <b>Network</b>  |   |   |   |
| WAN   | Cellular  | Cellular  | Cellular  |
| LAN   | DHCP Server   | DHCP Server   | DHCP Server   |
| IPv4 / v6   | •   | •   | •   |
| Static Route  | -   | -   | •   |
| Network Address Translation (NAT)                     | •   | •   | •   |
| Bridge Mode   | •   | •   | -   |
| <b>Security</b>                                       |   |   |   |
| Port Forwarding                                       | •   | •   | •   |
| Attack Prevention                                     | -   | -   | IPS   |
| Access Control  | -   | -   | •   |
| <b>VPN</b>  |   |   |   |
| OpenVPN   | •   | •   | •   |
| WireGuard   | -   | -   | •   |
| <b>Administration</b>                                 |   |   |   |
| FW Upgrade  | •   | •   | •   |
| Reboot & Reset  | •   | •   | •   |
| SMS Service   | •   | •   | •   |
| NTP Service   | •   | •   | •   |
| Management  | Web UI  | Web UI  | Web UI  |
| Cloud   | D-ECS   | D-ECS   | D-ECS   |
| <b>Environment</b>                                    |   |   |   |
| Power Input   | 5V / 2A via Micro USB   | 2-pin TB for DC 5-32V   | 2-pin TB for DC 9V-36V  |
| Operating Temperature                                 | -30 °C to 70 °C (-22 °F to 158 °F)  | -30 °C to 70 °C (-22 °F to 158 °F)  | -30 °C to 70 °C (-22 °F to 158 °F)  |

## M2M PoE Modems

| Model   | DWM-314-GP  |
|---|---|
| Product Image   |  |
| <b>Hardware</b>                                       |   |
| Cellular Module                                       | 5G NR   |
| Ethernet Interface                                    | 2 x GE, 2 x GE 802.3at PSE  |
| SIM Slot  | 2 x 3FF Micro-SIM   |
| 4G / 5G Antenna Connectors                            | 4 x SMA   |
| USB   | -   |
| <b>Performance (Maximum Cellular Data Throughput)</b> |   |
| 5G NSA  | 3.4 Gbps (DL) / 550 Mbps (UL)   |
| 5G SA   | 2.4 Gbps (DL) / 900 Mbps (UL)   |
| LTE   | 1.6 Gbps (DL) / 200 Mbps (UL)   |
| <b>Network</b>  |   |
| WAN   | Cellular  |
| LAN   | DHCP Server   |
| IPv4 / v6   | •   |
| Static Route  | •   |
| Network Address Translation (NAT)                     | •   |
| Bridge Mode   | -   |
| <b>Security</b>                                       |   |
| Port Forwarding                                       | •   |
| Attack Prevention                                     | IPS   |
| Access Control  | •   |
| <b>VPN</b>  |   |
| OpenVPN   | •   |
| WireGuard   | •   |
| <b>Administration</b>                                 |   |
| FW Upgrade  | •   |
| Reboot & Reset  | •   |
| SMS Service   | •   |
| NTP Service   | •   |
| Management  | Web UI  |
| Cloud   | D-ECS   |
| <b>Environment</b>                                    |   |
| Power Input   | 2-pin TB for DC 48V-57V   |
| Operating Temperature                                 | -30 °C to 70 °C (-22 °F to 158 °F)  |


## M2M Routers

| Model   | DWM-313   |
|---|---|
| Product Image   |  |
| <b>Hardware</b>                                       |   |
| Cellular Module                                       | 4G LTE Cat. 4   |
| Ethernet Interface                                    | 1 x WAN / LAN FE, 1 x LAN FE  |
| SIM Slot  | 2 x 3FF Micro-SIM   |
| microSD Card Slot                                     | 1   |
| 4G/5G Antenna Connectors                              | 2 x SMA   |
| Wi-Fi Antenna Connectors                              | 1 x RP-SMA  |
| <b>Performance (Maximum Cellular Data Throughput)</b> |   |
| LTE   | 150 Mbps (DL) / 50 Mbps (UL)  |
| <b>Wi-Fi</b>  |   |
| Standard  | 802.11b / g / n   |
| 2.4GHz Data Rate                                      | 150 Mbps  |
| Mode  | AP Router   |
| Security  | WPA / WPA2, WPA2-PSK, WPA-PSK / WPA2-PSK, 802.1x                                    |
| Multiple SSID   | •   |
| <b>Network</b>  |   |
| WAN   | Cellular / Ethernet   |
| Failover  | •   |
| LAN   | DHCP Server / Relay   |
| VLAN  | •   |
| IPv4 / v6   | •   |
| Static Route  | •   |
| Dynamic Route   | RIPv1 / v2, OSPF  |
| IGMP Proxy  | •   |
| Network Address Translation (NAT)                     | •   |
| Bridge Mode   | •   |
| <b>Security</b>                                       |   |
| SPI Firewall  | •   |
| Port Forwarding                                       | •   |
| Attack Prevention                                     | IPS   |
| Access Control  | •   |
| X.509   | •   |
| <b>VPN</b>  |   |
| IPsec   | •   |
| PPTP  | •   |
| L2TP  | •   |
| OpenVPN   | •   |
| GRE   | •   |
| VPN Pass-through                                      | •   |
| <b>Administration</b>                                 |   |
| FW Upgrade  | •   |
| Reboot & Reset  | •   |
| NTP Service   | •   |
| Management  | Web UI  |
| SNMP  | •   |
| Cloud   | D-ECS   |
| <b>Environment</b>                                    |   |
| Power Input   | 5V / 2A adapter   |
| Operating Temperature                                 | -30 °C to 70 °C (-22 °F to 158 °F)  |

## 4G / 5G Indoor CPEs

| Model                          | G530  | G416C   | G403C   |
|--------------------------------|---|---|---|
| Product Image                  |  |  |  |
| <b>Hardware</b>                |   |   |   |
| 5G NR Sub 6                    | Release 16  | -   | -   |
| LTE                            | Cat 19 (DL) / Cat 18 (UL)   | Cat 6   | Cat 4   |
| Wi-Fi <sup>1</sup>             | 802.11ax, 3000 Mbps   | 802.11ax, 1500 Mbps   | 802.11n, 300 Mbps   |
| LTE / 5G Antenna               | 4   | 2   | 2   |
| Wi-Fi Antenna                  | 5   | 2   | 2   |
| Power                          | 12V / 2.5A  | 12V / 1A  | 12V / 1A  |
| WAN Port (RJ45)                | GE  | GE  | FE  |
| LAN Port (RJ45)                | GE x 1  | GE x 3  | FE x 3  |
| SIM Slot                       | Nano SIM  | Nano SIM  | Nano SIM  |
| Buttons                        | Reset, WPS, power   | Reset, WPS, power   | Reset, WPS, power   |
| LEDs                           | 1   | 9   | 9   |
| <b>Functionality</b>           |   |   |   |
| Dial Up                        | •   | •   | •   |
| Failover                       | •   | •   | •   |
| Data Cap                       | •   | •   | •   |
| SMS                            | •   | •   | •   |
| PIN                            | •   | •   | •   |
| USSD                           | -   | •   | •   |
| Wi-Fi Mesh                     | •   | -   | -   |
| Static IP / Dynamic IP / PPPoE | •   | •   | •   |
| IPv4/v6                        | •   | •   | •   |
| Dynamic DNS                    | •   | •   | •   |
| DHCP Server                    | •   | •   | •   |
| Wi-Fi Encryption (WPA2 / WPA3) | •   | •   | •   |
| Wi-Fi Guest Zone               | •   | •   | •   |
| Virtual Server                 | •   | •   | •   |
| Port Forwarding                | •   | •   | •   |
| DMZ                            | •   | •   | •   |
| IGMP Proxy / Snooping          | •   | •   | •   |
| SPI Firewall                   | •   | •   | •   |
| DoS                            | •   | -   | -   |
| L2TP                           | •   | -   | -   |
| PPTP                           | •   | -   | -   |
| MLD Proxy / Snooping           | •   | -   | -   |
| UPnP (IGD)                     | •   | •   | •   |
| VLAN                           | •   | •   | •   |
| Parental Control               | •   | •   | •   |
| <b>Management</b>              |   |   |   |
| Web Management                 | •   | •   | •   |
| TR-069 / TR-369                | •   | -   | -   |

## 4G / 5G Mobile Access Devices

| Model                          | F518  | DWR-932W  | DWM-222W  |
|--------------------------------|---|---|---|
| Product Image                  |  |  |  |
| <b>Hardware</b>                |   |   |   |
| 5G NR                          | Release 15  | -   | -   |
| LTE                            | Cat 12 (DL) / Cat 13 (UL)   | Cat 4   | Cat 4   |
| Wi-Fi <sup>1</sup>             | 802.11ax, 1800 Mbps   | 802.11ax, 286.8 Mbps  | 802.11ax, 286.8 Mbps  |
| LTE / 5G Antenna               | 4   | 2   | 3   |
| Wi-Fi Antenna                  | 2   | 2   | 1   |
| Power                          | 5V  | 4.2V  | 5V  |
| USB                            | Type C  | Type C  | Type A  |
| SIM Slot                       | Nano SIM  | Nano SIM  | Nano SIM  |
| Buttons                        | WPS, power, outage  | Reset, WPS, power   | -   |
| LEDs                           | 5   | 5   | 1   |
| Battery <sup>2</sup>           | 8000mAh   | 3000mAh   | -   |
| <b>Functionality</b>           |   |   |   |
| Dial Up                        | •   | •   | •   |
| Data Cap                       | •   | -   | •   |
| SMS                            | •   | •   | •   |
| PIN                            | •   | •   | •   |
| Static IP / Dynamic IP / PPPoE | Dynamic IP  | Dynamic IP  | -   |
| IPv4 / v6                      | •   | -   | -   |
| DHCP Server                    | •   | •   | -   |
| Wi-Fi Encryption (WPA2 / WPA3) | •   | •   | •   |
| Virtual Server                 | •   | -   | -   |
| Port Forwarding                | •   | •   | -   |
| DMZ                            | •   | •   | -   |
| SPI Firewall                   | •   | -   | -   |
| UPnP (IGD)                     | -   | •   | -   |
| <b>Management</b>              |   |   |   |
| Web Management                 | •   | •   | -   |





1. Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

2. The actual battery life may vary depending on several factors such as network conditions, connected devices, streaming content, device settings, and battery aging.

## 5G ODUs / IDUs

| Model                          | DWP-1010W   | DWP-1010  | X530P   |
|--------------------------------|---|---|---|
| Product Image                  |  |  |  |
| <b>Hardware</b>                |   |   |   |
| 5G NR                          | Release 16  | Release 16  | -   |
| LTE                            | Cat 19 (DL) / Cat 18 (UL)   | Cat 19 (DL) / Cat 18 (UL)   | -   |
| Wi-Fi <sup>1</sup>             | 802.11ax, 1800 Mbps   | 802.11n for setup   | 802.11ax, 3000 Mbps   |
| LTE / 5G Antenna               | 4 or 2 + 2  | 4 or 2 + 2  | -   |
| Wi-Fi Antenna                  | 2   | 2   | 4   |
| Power                          | 25W PoE   | 25W PoE   | 12V / 3A  |
| WAN Port (RJ45)                | -   | -   | 2.5GE   |
| LAN Port (RJ45)                | 2.5GE   | 2.5GE   | GE x 2  |
| PoE out on WAN                 | -   | -   | •   |
| SIM Slot                       | Micro SIM   | Micro SIM   | -   |
| External Antenna Ports         | 2 (SMA)   | 2 (SMA)   | -   |
| Buttons                        | Reset, Wi-Fi  | Reset, Wi-Fi  | Reset, WPS, power   |
| LEDs                           | 2   | 2   | 1   |
| <b>Functionality</b>           |   |   |   |
| Dial Up                        | •   | •   | -   |
| Data Cap                       | •   | •   | -   |
| SMS                            | •   | •   | -   |
| PIN                            | •   | •   | -   |
| Wi-Fi Mesh                     | -   | -   | •   |
| Static IP / Dynamic IP / PPPoE | Static IP / Dynamic IP  | Static IP / Dynamic IP  | •   |
| IPv4/v6                        | •   | •   | •   |
| Dynamic DNS                    | •   | •   | •   |
| DHCP Server                    | •   | •   | •   |
| Wi-Fi Encryption (WPA2 / WPA3) | •   | -   | •   |
| Wi-Fi Guest Zone               | •   | -   | •   |
| Virtual Server                 | •   | •   | •   |
| Port Forwarding                | •   | -   | •   |
| DMZ                            | •   | •   | •   |
| IGMP Proxy / Snooping          | •   | -   | •   |
| SPI Firewall                   | •   | -   | •   |
| DoS                            | •   | -   | •   |
| L2TP                           | •   | -   | •   |
| PPTP                           | •   | -   | •   |
| MLD Proxy / Snooping           | -   | -   | •   |
| UPnP (IGD)                     | •   | -   | •   |
| VLAN                           | -   | •   | •   |
| Parental Control               | -   | -   | •   |
| <b>Management</b>              |   |   |   |
| Web Management                 | •   | •   | •   |
| TR-069 / TR-369                | •   | •   | •   |

## Home Wi-Fi - AQUILA PRO AI Series

| Model                | M95   | R95   | M60   | M30   |
|----------------------|---|---|---|---|
| Product Image        |  |  |  |  |
| <b>General</b>       |   |   |   |   |
| Product Category     | Mesh Wi-Fi Router   | Wi-Fi Router  | Mesh Wi-Fi Router   | Mesh Wi-Fi Router   |
| Wireless Standard    | Wi-Fi 7 BE9500  | Wi-Fi 7 BE9500  | Wi-Fi 6 AX6000  | Wi-Fi 6 AX3000  |
| Wireless Speed       | • 2.4 GHz up to 688 Mbps<br>• 5 GHz up to 2882 Mbps<br>• 6 GHz up to 5764 Mbps      | • 2.4 GHz up to 688 Mbps<br>• 5 GHz up to 2882 Mbps<br>• 6 GHz up to 5764 Mbps      | • 2.4 GHz up to 1148 Mbps<br>• 5 GHz up to 4804 Mbps                                | • 2.4 GHz up to 574 Mbps<br>• 5 GHz up to 2402 Mbps                                 |
| Antenna Type         | • 2 x 2.4 GHz / 5 GHz Internal<br>• 2 x 6 GHz Internal                              | • 2 x 2.4 GHz / 5 GHz External<br>• 2 x 6 GHz External                              | • 4 x 2.4 GHz Internal<br>• 4 x 5 GHz Internal                                      | • 2 x 2.4 GHz Internal<br>• 3 x 5 GHz Internal                                      |
| Ethernet Ports       | • 1 x 2.5 Gigabit WAN Port<br>• 3 x 2.5 Gigabit LAN Ports                           | • 1 x 2.5 Gigabit WAN Port<br>• 3 x 2.5 Gigabit LAN Ports                           | • 1 x 2.5 Gigabit WAN Port<br>• 4 x Gigabit LAN Ports                               | • 1 x Gigabit WAN Port<br>• 4 x Gigabit LAN Ports                                   |
| WAN Speed            | 2.5 Gbps  | 2.5 Gbps  | 2.5 Gbps  | 1 Gbps  |
| Number of WAN Ports  | 1   | 1   | 1   | 1   |
| LAN Speed            | 2.5 Gbps  | 2.5 Gbps  | 1 Gbps  | 1 Gbps  |
| Number of LAN Ports  | 3   | 3   | 4   | 4   |
| Coverage             | 2,800 sq. ft.   | 2,800 sq. ft.   | 3,000 sq. ft.   | 2,800 sq. ft.   |
| <b>Functionality</b> |   |   |   |   |
| Security Protocol    | WPA2 / WPA3   | WPA2 / WPA3   | WPA2 / WPA3   | WPA2 / WPA3   |
| D-Link Wi-Fi Mesh    | •   | •   | •   | •   |
| Access Control       | Parental Controls / Guest Zone / IoT Zone / MLO Zone                                |   | Parental Controls / Guest Zone  |   |
| Operation Modes      | Router / Extender / Bridge  | Router / Extender / Bridge  | Router / Extender / Bridge  | Router / Extender / Bridge  |
| AI Assistant         | •   | •   | •   | •   |
| AI Wi-Fi Optimizer   | •   | •   | •   | •   |
| AI Traffic Optimizer | •   | •   | •   | •   |
| <b>Software</b>      |   |   |   |   |
| Device Management    | AQUILA PRO AI App / Web UI  |   |   |   |
| Voice Assistants     | Amazon Alexa / Google Assistant   |   |   |   |

# Product Lists

| Unmanaged Switches |                     |           |  |   |
|--------------------|---------------------|-----------|--|---|
| Category           | Series              | Model     | Description  |   |
| Copper Switches    | DGS-1000            | DGS-105   | 5 Ports 1G Unmanaged Switch                                |   |
|                    |                     | DGS-108   | 8 Ports 1G Unmanaged Switch                                |   |
|                    |                     | DGS-105GL | 5 Ports 1G Unmanaged Switch                                |   |
|                    |                     | DGS-108GL | 8 Ports 1G Unmanaged Switch                                |   |
|                    |                     | DGS-1016D | 16 Ports 1G Unmanaged Switch                               |   |
|                    |                     | DGS-1016S | 16 Ports 1G Unmanaged Switch                               |   |
|                    |                     | DGS-1024D | 24 Ports 1G Unmanaged Switch                               |   |
|                    | DMS-1000            | DMS-105   | 5 Ports 2.5G Unmanaged Switch                              |   |
|                    |                     | DMS-107   | 5 Ports 1G + 2 Ports 2.5G Unmanaged Switch                 |   |
|                    |                     | DMS-108   | 8 Ports 2.5G Unmanaged Switch                              |   |
|                    |                     | DMS-1016  | 16 Ports 2.5G Unmanaged Switch                             |   |
|                    |                     | DMS-1024  | 24 Ports 2.5G Unmanaged Switch                             |   |
|                    | Copper PoE Switches | DGS-1000  | DGS-1005P  | 4 Ports 1G PoE+ + 1 Port 1G Unmanaged Switch, 60W       |
|                    |                     |           | DGS-1008P  | 4 Ports 1G PoE+ + 4 Ports 1G Unmanaged Switch, 60W      |
|                    |                     |           | DGS-1010P  | 8 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 125W |
| DGS-1018P          |                     |           | 16 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 240W   |   |
| DGS-1026P          |                     |           | 24 Ports 1G PoE+ + 2 Ports 1G SFP Unmanaged Switch, 240W   |   |
| DGS-1026MP         |                     |           | 24 Ports 1G PoE+ + 2 Ports 1G Combo Unmanaged Switch, 370W |   |
| DMS-1000           |                     |           | DMS-108P   | 8 Ports 2.5G PoE+ + Unmanaged Switch, 230W              |

| Easy Smart Switches |          |                 |   |
|---------------------|----------|-----------------|---|
| Category            | Series   | Model           | Description   |
| Copper Switches     | DGS-1100 | DGS-1100-05V2   | 5 Ports 1G Easy Smart Switch                                    |
|                     |          | DGS-1100-08V2   | 8 Ports 1G Easy Smart Switch                                    |
|                     |          | DGS-1100-16V2   | 16 Ports 1G Easy Smart Switch                                   |
|                     |          | DGS-1100-24V2   | 24 Ports 1G Easy Smart Switch                                   |
| Copper PoE Switches | DGS-1100 | DGS-1100-08PV2  | 8 Ports 1G PoE+ Easy Smart Switch, 64W                          |
|                     |          | DGS-1100-18PV2  | 16 Ports 1G PoE+ + 2 Ports 1G Combo PoE Easy Smart Switch, 130W |
|                     |          | DGS-1100-24PV2  | 12 Ports 1G PoE+ + 12 Ports 1G Easy Smart Switch, 100W          |
|                     |          | DGS-1100-26MPV2 | 24 Ports 1G PoE+ + 2 Ports 1G Combo Easy Smart Switch, 370W     |

| Standard Smart Switches |  |                |  |
|-------------------------|--|----------------|--|
| Category                | Series   | Model          | Description  |
| Copper Switches         | DGS-1210   | DGS-1210-10    | 8 Ports 1G + 2 Ports 1G SFP Standard Smart Switch                              |
|                         |  | DGS-1210-20    | 16 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                           |
|                         |  | DGS-1210-28    | 24 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                           |
|                         |  | DGS-1210-52    | 48 Ports 1G + 4 Ports 1G Combo Standard Smart Switch                           |
|                         |  | DGS-1250-28X   | 24 Ports 1G + 4 Ports 10G SFP+ Standard Smart Switch                           |
|                         | DGS-1250   | DGS-1250-52X   | 48 Ports 1G + 4 Ports 10G SFP+ Standard Smart Switch                           |
|                         |  | DMS-1250       | DMS-1250-12  |
|                         | DMS-1250-18  |                | 16 Ports 2.5G + 2 Ports 10G SFP+ Standard Smart Switch                         |
|                         | DMS-1250-28  |                | 24 Ports 2.5G + 4 Ports 10G SFP+ Standard Smart Switch                         |
|                         | Copper PoE Switches  | DGS-1210       | DGS-1210-10P   |
| DGS-1210-10MP           |  |                | 8 Ports 1G PoE+ + 2 Ports 1G SFP Standard Smart Switch, 130W                   |
| DGS-1210-28P            |  |                | 24 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 193W                |
| DGS-1210-28MP           |  |                | 24 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 370W                |
| DGS-1210-52MP           |  |                | 48 Ports 1G PoE+ + 4 Ports 1G Combo Standard Smart Switch, 370W                |
| DGS-1250                |  | DGS-1250-28XMP | 24 Ports 1G PoE+ + 4 Ports 10G SFP+ Ports Standard Smart Switch, 370W          |
|                         |  | DGS-1250-52XMP | 48 Ports 1G PoE+ + 4 Ports 10G SFP+ Standard Smart Switch, 370W                |
| DMS-1250                |  | DMS-1250-10SP  | 8 Ports 2.5G PoE+ + 2 Ports 10G SFP+ Standard Smart Switch, 240W               |
|                         |  | DMS-1250-12TP  | 8 Ports 2.5G PoE+ + 2 Ports 10G + 2 Ports 10G SFP+ Standard Smart Switch, 240W |
|                         |  | DMS-1250-18P   | 16 Ports 2.5G PoE++ + 2 Ports 10G SFP+ Standard Smart Switch, 370W             |
| DMS-1250-28P            | 24 Ports 2.5G PoE++ + 4 Ports 10G SFP+ Standard Smart Switch, 475W |                |  |

| Network Controllers |          |  |
|---------------------|----------|--|
| Category            | Model    | Description                                  |
| Network Controllers | DNH-1000 | Nuclias Network Controller, 500 devices mgt. |

| Enterprise Access Points |                  |             |   |
|--------------------------|------------------|-------------|---|
| Category                 | Wi-Fi Technology | Model       | Description   |
| Indoor                   | Wi-Fi 7          | DAP-E9560   | BE9500 Ceiling Mount Access Point (2 x 2 + 2 x 2 + 2 x 2) |
|                          |                  | DAP-X2810   | AX1800 Ceiling Mount Access Point (2 x 2 + 2 x 2)         |
|                          | Wi-Fi 6          | DAP-X3060   | AX3000 Ceiling Mount Access Point (2 x 2 + 2 x 2)         |
|                          |                  | DAP-X2850   | AX3600 Ceiling Mount Access Point (4 x 4 + 4 x 4)         |
| Outdoor                  | Wi-Fi 6          | DAP-X3060OU | AX3000 Outdoor Access Point (2 x 2 + 2 x 2)               |

| Smart Access Points |                  |              |   |
|---------------------|------------------|--------------|---|
| Category            | Wi-Fi Technology | Model        | Description                               |
| Smart Access Point  | Wi-Fi 6          | DBR-X3000-AP | AX3000 Smart Access Point (2 x 2 + 2 x 2) |

| SOHO Routers |                  |         |                            |
|--------------|------------------|---------|----------------------------|
| Category     | Wi-Fi Technology | Model   | Description                |
| SOHO Router  | Wi-Fi 6          | DBR-560 | AX6000 Wi-Fi 6 SOHO Router |

| Business Routers |           |   |
|------------------|-----------|---|
| Category         | Model     | Description   |
| Business Routers | DBR-600-P | Business PoE Router, 1 x 2.5GE WAN, 8 x 2.5GE PoE+ LAN (1 x WAN / LAN)                  |
|                  | DBR-700   | Business Router, 1 x 2.5GE WAN, 7 x 2.5GE LAN (1 x WAN / LAN), 1 x 2.5G SFP (WAN / LAN) |

| Industrial Unmanaged Switches |              |   |
|-------------------------------|--------------|---|
| Category                      | Model        | Description   |
| Copper Switch                 | DIS-100E-05  | 5 Ports 10 / 100Mbps Industrial Unmanaged Switch, DIN                   |
|                               | DIS-100G-06  | 4 Ports 1G + 2 Ports 1G SFP Industrial Unmanaged Switch, DIN            |
|                               | DIS-100G-10  | 8 Ports 1G + 2 Ports 1G SFP Industrial Unmanaged Switch, DIN            |
| PoE Switch                    | DIS-100G-06P | 4 Ports 1G PoE+ + 2 Ports 1G SFP Industrial Unmanaged Switch, 120W, DIN |
|                               | DIS-100G-10P | 8 Ports 1G PoE+ + 2 Ports 1G SFP Industrial Unmanaged Switch, 240W, DIN |

| M2M            |            |  |
|----------------|------------|--|
| Category       | Model      | Description  |
| M2M Modems     | DWM-311    | 4G M2M Modem, 1 x Gigabit Ethernet                                     |
|                | DWM-311-G  | 5G M2M Modem, 1 x 2.5 Gigabit Ethernet                                 |
|                | DWM-314-G  | 5G Multi-Connect Modem, 4 x Gigabit Ethernet                           |
| M2M PoE Modems | DWM-314-GP | 5G Multi-Connect PoE Modem, 4 x Gigabit Ethernet, 2 x PoE 802.3at port |
| M2M Routers    | DWM-313    | 4G M2M Router, 2 x Fast Ethernet, Wi-Fi N150                           |

| Fixed Wireless Access |            |                                     |
|-----------------------|------------|-------------------------------------|
| Category              | Model      | Description                         |
| ODUs / IDUs           | DWP-1010W  | 5G NR AX1800 Wi-Fi 6 Outdoor Router |
|                       | DWP-1010   | 5G NR Outdoor Router                |
|                       | DWP-1010KT | DWP-1010 + X530P                    |
| Indoor CPEs           | X530P      | AX3000 Wi-Fi 6 PoE Router           |
|                       | G530       | 5G NR AX3000 Wi-Fi 6 Router         |
|                       | G416C      | 4G LTE AX1500 Wi-Fi 6 Router        |
|                       | G403C      | 4G LTE N300 Wi-Fi Router            |

| Mobile Access         |          |                                     |
|-----------------------|----------|-------------------------------------|
| Category              | Model    | Description                         |
| Wi-Fi Mobile Hotspots | F518     | 5G NR AX1800 Wi-Fi 6 Mobile Hotspot |
|                       | DWR-932W | 4G LTE AX300 Wi-Fi 6 Mobile Hotspot |
| USB Adapter           | DWM-222W | 4G LTE AX300 Wi-Fi 6 USB Adapter    |

| Home Wi-Fi    |                  |       |  |
|---------------|------------------|-------|--|
| Category      | Wi-Fi Technology | Model | Description  |
| AQUILA PRO AI | Wi-Fi 7          | M95   | BE9500 Wi-Fi 7 Smart Mesh Router (2 x 2 + 2 x 2 + 2 x 2) |
|               |                  | R95   | BE9500 Wi-Fi 7 Smart Router (2 x 2 + 2 x 2 + 2 x 2)      |
|               | Wi-Fi 6          | M60   | AX6000 Wi-Fi 6 Smart Mesh Router (4 x 4 + 4 x 4)         |
|               |                  | M30   | AX3000 Wi-Fi 6 Smart Mesh Router (2 x 2 + 2 x 2)         |

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