



**POWER UP**  
your business

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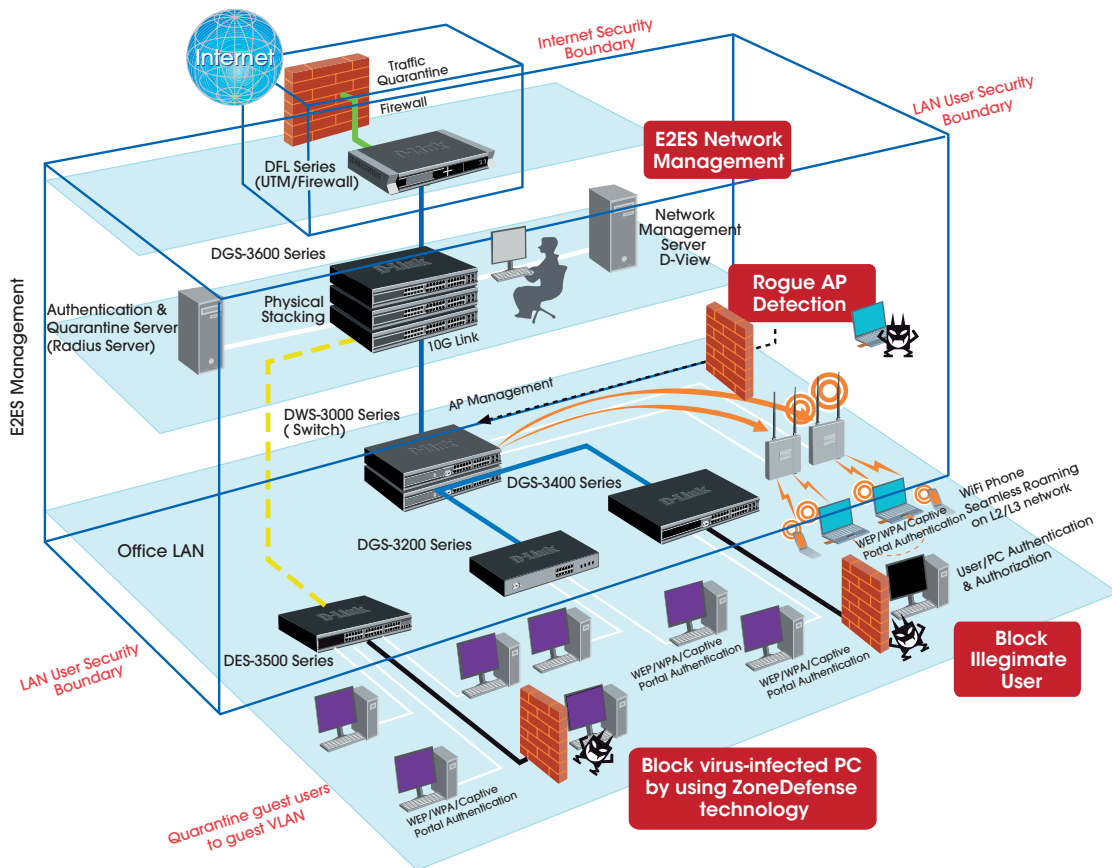
**RoHS  
Compliant**

D-Link Products are RoSH compliance

Networks have become key communications infrastructure for mission critical applications and business processes. With more mission critical applications running over networks, protection against exploitation of network-attached resources is of utmost importance. The challenge at hand is to effectively balance the need between making applications and data more accessible to the right people, while at the same time keeping these same applications and data safe from exploitation and access by the wrong people. Current trends in computing and networking, however, make this balancing act very difficult for many businesses. D-Link, with over 20 years of experience in providing computer networking and communications solutions, understands the requirements for different environments and offers complete solution for securing networks using End-to-End Security (E2ES) and Management.

## D-Link E2ES (End-to-End Security) Solution

Networks today face numerous internal and external security threats. Comprehensive solution to protect against such threats is therefore of utmost importance. D-Link E2ES (End-to-End Security) provides total network defense through comprehensive end-to-end security combining Gateway, Endpoint and Joint Security Solutions.



### Gateway Security Solution

Together with D-Link NetDefend Firewalls, this solution provides protection of the network at the gateway or WAN security level by identifying and blocking security threats such as intrusions and virus attacks from outside the network.

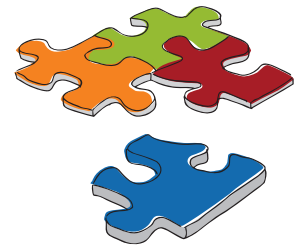
### Endpoint Security Solution

This solution brings network security nearer to the end users in providing endpoint security which handles authentication, authorization, node address control, traffic control, and attack mitigation to protect against unauthorized access, prevent loop connections, mitigate worm attacks and avoid rogue IP.

### Joint Security Solution

This solution enables working together with third party to provide sophisticated security policy enforcement. With D-Link ZoneDefense, the firewall will inform the switch to terminate the port with illegitimate traffic upon detection, and with Microsoft NAP, form a complete network quarantine system to enforce computer health policies where non-compliant computers will be diverted to a restricted network to help them acquire the necessary updates for compliance before their next attempt at admission.

\* More information can be obtained from the D-Link End-to-End Security Solution Brief.



## XSTACK™



### Gigabit Layer 3 Chassis Switches - DES-6500 Series

**DES-6500** Layer 3 chassis switch brings configuration flexibility and unrivaled price/performance necessary for deploying a cost-effective enterprise, backbone and campus network. This chassis switch provides high density Gigabit ports, 10-Gigabit support, high switch fabric capacity, fault tolerance, Quality of Service (QoS), and network security critical for enterprise applications.

## XSTACK™



### Gigabit xStack Layer 3 Core Switches - DGS-3600 Series

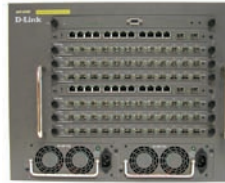
The xStack **DGS-3600** series consists of Layer 3 Gigabit switches that deliver performance, flexibility, security, multi-layer QoS and access, with redundant power option for SMB and enterprises. It is easy-to-deploy, simple to manage, and it can be virtually stacked with any switches supporting D-Link Single IP Management (SIM). It also supports 10-Gigabit physical stacking.

With high Gigabit port densities, SFP support, 10-Gigabit uplink options and advanced software functions, the DGS-3600 Series switches can act as departmental core switches to form a multi-level network structure with high-speed backbone and centralized servers.



#### DES-6500

Redundancy Power Supply | 8 Optional Slots



- SNMP
- Virtual Stack (SIM)
- Trunking Across Stack
- Mirroring Across Stack
- VRRP
- Bandwidth Control
- Traffic Segmentation
- 802.1X Authentication
- Broadcast Storm Control
- Multicast Storm Control
- QoS
- ACL

##### Optional Accessories:

- DES-6502 - CPU/Fabric Switching Module
- DES-6504 - 12-Port 100BASE-FX Multi-Mode Fiber (LC)
- DES-6505 - 8-Port 100BASE-SX Multi-Mode Fiber (SC)
- DES-6506 - 24-Port RJ-21 to RJ-45 Patch Panel
- DES-6507 - 12-Port 100BASE-T + 2-Port 100BASE-T/SFP
- DES-6508 - 16-Port 10/100BASE-TX
- DES-6509 - 12-Port Gigabit SFP
- DES-6510 - 24-Port 10/100BASE-TX RJ-21 Telco 50
- DES-6511 - Power Supply
- DES-6512 - 2-Port 10Gigabit XFP

#### DGS-3612

Redundancy Power Supply



10/100/1000BASE-T x 8  
1000BASE-T/SFP Combo Slot x 4

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- sFlow
- L4 ACL
- LLDP

Optional Accessories: DPS-200 (60-Watt RPS)

#### DGS-3612G

Redundancy Power Supply



SFP Slot x 8  
1000BASE-T/SFP Combo Slot x 4

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- sFlow
- L4 ACL
- LLDP

##### Optional Accessories:

- DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

#### DGS-3627

Redundancy Power Supply | Physical Stack | 10G Expansion



10/100/1000BASE-T X 20  
1000BASE-T/SFP Combo Slot x 4  
10G Expansion Slot x 3

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- sFlow
- L4 ACL
- LLDP

##### Optional Accessories:

- DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module), DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

#### DGS-3627G

Redundancy Power Supply | Physical Stack | 10G Expansion



SFP Slot x 20  
1000BASE-T/SFP Combo Slot x 4  
10G Expansion Slot x 3

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- sFlow
- L4 ACL
- LLDP

##### Optional Accessories:

- DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module), DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

#### DGS-3650

Redundancy Power Supply | Physical Stack | 10G Expansion



10/100/1000BASE-T x 44  
1000BASE-T/SFP Combo Slot x 4  
10G Expansion Slot x 2

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- sFlow
- L4 ACL
- LLDP

##### Optional Accessories:

- DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module), DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

XSTACK™



Fast Ethernet xStack Layer 3 Core Switches - DES-3800 Series

The xStack **DES-3800** series consists of Layer 3 10/100Mbps switches that deliver performance, flexible expansion, robust security, multi-layer QoS, Power over Ethernet and redundant power option.

**DES-3800** series can be easily stacked and configured with any switches supporting D-Link's Single IP Management, including D-Link xStack core switches, to form part of a multi-level network structure with backbone and centralized high-speed servers.

**DES-3800** series provides a complete set of security features for connectivity and access control, including L2/L3/L4 Access Control List (ACL), ARP storm control and MAC address control.

XSTACK™



Gigabit xStack Layer 2 Edge Switches - DGS-3400 Series

The xStack **DGS-3400** series consists of L2 Gigabit switches that deliver performance, flexibility, security, multi-layer QoS and redundant power supply option for SMB and enterprises.

With high Gigabit port densities for desktop connections, SFP fiber connectivity, 10-Gigabit uplink options and enhanced Layer 2 functions, these switches comprise the workgroup access-layer stack for seamless integration with L3 core switches to form part of a multi-level network structure with high-speed backbone and centralized servers.



DES-3828

Redundancy Power Supply



10/100BASE-TX x 24  
10/100/1000BASE-T x 2  
1000BASE-T/SPF Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

Optional Accessories: DPS-200 (60-Watt RPS)

DES-3828DC

DC Power Supply



10/100BASE-TX x 24  
10/100/1000BASE-T x 2  
1000BASE-T/SPF Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

DES-3828P

Redundancy Power Supply

PoE Supply



10/100BASE-TX x 24 (PoE)  
10/100/1000BASE-T x 2  
1000BASE-T/SPF Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

Optional Accessories: DPS-600 (500-Watt RPS)

DES-3852

Redundancy Power Supply



10/100BASE-TX x 48  
10/100/1000BASE-T x 2  
1000BASE-T/SPF Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- OSPF
- VRRP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

Optional Accessories: DPS-200 (60-Watt RPS)

DGS-3426

Redundancy Power Supply

Physical Stack

10G Expansion



10/100/1000BASE-T x 20  
1000BASE-T/SPF Combo Slot x 4  
10G Expansion Slot x 2

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- ZoneDefense
- L4 ACL

Optional Accessories  
DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module),  
DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

DGS-3426P

Redundancy Power Supply

Physical Stack

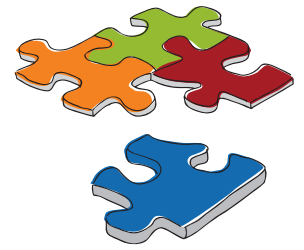
10G Expansion



10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SPF Combo Slot x 4  
10G Expansion Slot x 2

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- ZoneDefense
- L4 ACL

Optional Accessories  
DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module),  
DPS-600 (500-Watt RPS)



XSTACK™



Gigabit xStack Layer 2 Edge Switches - DGS-3400 Series

The xStack **DGS-3400** series consists of L2 Gigabit switches that deliver performance, flexibility, security, multi-layer QoS and redundant power supply option for SMB and enterprises.

With high Gigabit port densities for desktop connections, SFP fiber connectivity, 10-Gigabit uplink options and enhanced Layer 2 functions, these switches offer workgroup access-layer stack for seamless integration with L3 core switches to form a part of the multi-level network structure with high-speed backbone and centralized servers.



XSTACK™



Fast Ethernet xStack Layer 2 Edge Switches - DES-3528/52 Series

The xStack **DES-3528/52** series consists of L2 10/100Mbps switches that deliver performance, flexible expansion, robust security, multi-layer QoS and redundant power supply option.

**DES-3528/52** series simplifies and speeds up management tasks through a web browser from any workstation with a single unique IP address to monitor, maintain, and configure multiple switches. The stack is managed as a single object with all units identified by a single IP address.

**DES-3528/52** series provides complete security features for connectivity and access control with central management for administration access via RADIUS and TACACS+.



DGS-3427

Redundancy Power Supply

Physical Stack

10G Expansion



10/100/1000BASE-T x 20  
1000BASE-T/SFP Combo Slot x 4  
10G Expansion Slot x 3

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- ZoneDefense
- L4 ACL

Optional Accessories:  
DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module),  
DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

DGS-3450

Redundancy Power Supply

Physical Stack

10G Expansion



10/100/1000BASE-T x 44  
1000BASE-T/SFP Combo Slot x 4  
10G Expansion Slot x 2

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web Authentication
- 802.1X Authentication
- MAC Authentication
- Guest VLAN
- Quarantine
- ZoneDefense
- L4 ACL

Optional Accessories:  
DEM-410X (10G XFP Module), DEM-410CX (10G CX4 Module),  
DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

DES-3528

Redundancy Power Supply

Physical Stack



10/100BASE-TX x 24  
1000BASE-T/SFP Combo Slot x 2  
1000BASE-T/Stacking Port x 2

- Virtual Stack (SIM)
- MLD Snooping
- Web Authentication
- MAC Authentication
- Traffic Segmentation
- D-Link Safeguard Engine
- 802.1X Authentication

Optional Accessories: DPS-200 (60-Watt RPS)

DES-3528DC

Redundancy Power Supply

Physical Stack

DC Power Supply



10/100BASE-TX x 24  
1000BASE-T/SFP Combo Slot x 2  
1000BASE-T/Stacking Port x 2

- Virtual Stack (SIM)
- MLD Snooping
- Web Authentication
- MAC Authentication
- Traffic Segmentation
- D-Link Safeguard Engine
- 802.1X Authentication

DES-3528P

Redundancy Power Supply

Physical Stack

PoE Supply



10/100BASE-TX x 24  
1000BASE-T/SFP Combo Slot x 2  
1000BASE-T/Stacking Port x 2

- Virtual Stack (SIM)
- MLD Snooping
- Web Authentication
- MAC Authentication
- Traffic Segmentation
- D-Link Safeguard Engine
- 802.1X Authentication

Optional Accessories: DPS-600 (500-Watt RPS)

DES-3552

Redundancy Power Supply

Physical Stack



10/100BASE-TX x 48  
1000BASE-T/SFP Combo Slot x 2  
1000BASE-T/Stacking Port x 2

- Virtual Stack (SIM)
- MLD Snooping
- Web Authentication
- MAC Authentication
- Traffic Segmentation
- D-Link Safeguard Engine
- 802.1X Authentication

Optional Accessories: DPS-200 (60-Watt RPS)



## Gigabit Secure Switches - DGS-3200 Series

**DGS-3200** series consists of Security Gigabit switches that deliver high performance, flexible expansion and robust security. It executes firm network security and provides ACL functionalities to secure the internal IT network against external virus from invading the LAN.

**DGS-3200** series offers extensive endpoint security features to protect the network. Apart from executing firm network security, it also provides user identity control by implementing host-based 802.1X authentication/ authorization, along with clientless Web-based access control (WAC) and MAC-based access control (MAC) for easy deployment.



## Gigabit Entry-Level Switches - DGS-3100 Series

**DGS-3100** series consists of managed Layer 2 Gigabit stackable switches designed to provide feature-rich, low-cost switching in the entry-level network management category. It comes with 24 or 48 port 10/100/1000Mbps that provides up to 20Gbps physical stacking, with or without 802.3af Power over Ethernet (PoE) support. Key features include scalable expansion, 4 combo SFP fiber links, comprehensive network security, granular bandwidth control, and extensive network management.

**DGS-3100** series is an ideal, flexible, advanced, yet affordable solution for setting up Gigabit connections to the desktops or for building up a company-wide network backbone.

### DGS-3200-10

Internal Power Supply | Fanless



10/100/1000BASE-T x 8  
1000BASE-T/SFP Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web-Base Access Control
- 802.1X Authentication
- MAC-Base Access Control
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

### DGS-3200-16

Internal Power Supply | Smart Fan



10/100/1000BASE-T x 14  
1000BASE-T/SFP Combo Slot x 2

- Virtual Stack (SIM)
- SNMP
- 4K VLAN
- QoS
- MLD Snooping
- Web-Base Access Control
- 802.1X Authentication
- MAC-Base Access Control
- Guest VLAN
- Microsoft NAP
- ZoneDefense
- L4 ACL

### DGS-3100-24

Redundancy Power Supply | Physical Stack



10/100/1000BASE-T x 20  
1000BASE-T/SFP Combo Slot x 4

- SNMP
- VLAN
- 802.1X Authentication
- MAC Authentication
- L4 ACL
- QoS

Optional Accessories: DPS-200 (60-Watt RPS)

### DGS-3100-24P

Redundancy Power Supply | Physical Stack | PoE Supply



10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4

- SNMP
- VLAN
- 802.1X Authentication
- MAC Authentication
- L4 ACL
- QoS

Optional Accessories: DPS-600 (500-Watt RPS)

### DGS-3100-24TG

Redundancy Power Supply | Physical Stack



10/100/1000BASE-T x 8  
SFP Slot x 16

- SNMP
- VLAN
- 802.1X Authentication
- MAC Authentication
- L4 ACL
- QoS

Optional Accessories: DPS-200 (60-Watt RPS)

### DGS-3100-48

Redundancy Power Supply | Physical Stack



10/100/1000BASE-T x 44  
1000BASE-T/SFP Combo Slot x 4

- SNMP
- VLAN
- 802.1X Authentication
- MAC Authentication
- L4 ACL
- QoS

Optional Accessories:  
DPS-500 (140-Watt RPS), DPS-500DC (140-Watt DC RPS)

### DGS-3100-48P

Redundancy Power Supply | Physical Stack | PoE Supply



10/100/1000BASE-T x 44 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4

- SNMP
- VLAN
- 802.1X Authentication
- MAC Authentication
- L4 ACL
- QoS











Optional Accessories: DPS-600 (500-Watt RPS)



## Fast Ethernet Entry-Level Switches - DES-3000 & DES-3028/52 Series

**DES-3000** series consists of high-performance managed Layer 2 switches, ideal as a solution for small and medium-size business (SMB) and enterprise markets. Designed as an entry-level management solution for SMB, these switches come included with various enriched advanced features. The **DES-3000** series is a cost-effective Gigabit connectivity solution suitable for business applications that require superior performance with options for expansion. The switches in addition offer fiber uplinks for faster server connections to different group users, such as classrooms, departments spread across campus, or buildings.

**DES-3028 / DES-3052** series provides choices of 24 and 48 Ethernet ports in low Pro Tools LE rack-mount cases, with or without Power over Ethernet. Each switch is equipped with 2 Gigabit uplinks and SFP to support both fiber Gigabit and 100BASE-FX fiber connection for specific applications.

<b>DES-3010F</b>	Fanless	11" Rackmount/ Desktop	<b>10/100BASE-TX x 8</b> <b>10/100/1000BASE-T x 1</b> <b>100BASE-FX x 1</b> <b>(Multi-Mode Fiber)</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentication</li> <li>Guest VLAN</li> </ul>	
<b>DES-3010FL</b>	Fanless	11" Rackmount/ Desktop	<b>10/100BASE-TX x 8</b> <b>10/100/1000BASE-T x 1</b> <b>100BASE-FX x 1</b> <b>(Single-Mode Fiber)</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentication</li> <li>Guest VLAN</li> </ul>	
<b>DES-3010G</b>	Fanless	11" Rackmount/ Desktop	<b>10/100BASE-TX x 8</b> <b>10/100/1000BASE-T x 1</b> <b>SFP x 1</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentication</li> <li>Guest VLAN</li> </ul>	
<b>DES-3016</b>	Fanless		<b>10/100BASE-TX x 16</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentication</li> <li>Guest VLAN</li> </ul>	
<b>DES-3018</b>	Fanless	Expansion Slot	<b>10/100BASE-TX x 16</b> <b>Expansion Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentications</li> <li>Guest VLAN</li> </ul>	
			<i>Optional Accessories:</i> DEM-201F (100BASE-FX MMF Module), DEM-201FL (100BASE-FX SMF Module), DEM-301G (SFP Module), DEM-301T (1000BASE-T Module)
<b>DES-3026</b>	Fanless	Expansion Slot	<b>10/100BASE-TX x 24</b> <b>Expansion Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>IP-MAC-Port Binding</li> </ul>	<ul style="list-style-type: none"> <li>QoS</li> <li>802.1X Authentications</li> <li>Guest VLAN</li> </ul>	
			<i>Optional Accessories:</i> DEM-201F (100BASE-FX MMF Module), DEM-201FL (100BASE-FX SMF Module), DEM-301G (SFP Module), DEM-301T (1000BASE-T Module)
<b>DES-3028</b>	Fanless		<b>10/100BASE-TX x 24</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>4K VLAN</li> <li>QoS</li> </ul>	<ul style="list-style-type: none"> <li>802.1X Authentications</li> <li>Guest VLAN</li> <li>L4 ACL</li> </ul>	
<b>DES-3028P</b>	PoE Supply		<b>10/100BASE-TX x 24 (PoE)</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>4K VLAN</li> <li>QoS</li> </ul>	<ul style="list-style-type: none"> <li>802.1X Authentications</li> <li>Guest VLAN</li> <li>L4 ACL</li> </ul>	
<b>DES-3052</b>	Fanless		<b>10/100BASE-TX x 48</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>4K VLAN</li> <li>QoS</li> </ul>	<ul style="list-style-type: none"> <li>802.1X Authentications</li> <li>Guest VLAN</li> <li>L4 ACL</li> </ul>	
<b>DES-3052P</b>	PoE Supply		<b>10/100BASE-TX x 48 (PoE)</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b>
	<ul style="list-style-type: none"> <li>Virtual Stack (SIM)</li> <li>SNMP</li> <li>4K VLAN</li> <li>QoS</li> </ul>	<ul style="list-style-type: none"> <li>802.1X Authentications</li> <li>Guest VLAN</li> <li>L4 ACL</li> </ul>	



## Gigabit & Fast Ethernet Web Smart Switches - DGS-1200, DES-1200, DES-2100 Series

D-Link Web Smart switches come with plug-and-play simplicity, designed to provide performance and reliability for small and medium-size business (SMB) network.









Switch management and configuration is through SmartConsole Utility or web-based GUI. SmartConsole is an easy way to access the switch from a local computer.

### What is D-Link Green?



**D-Link Green™** is D-Link's commitment towards green initiatives to protect the environment and to help ensure a brighter future. D-Link is constantly adjusting and innovating technologies to meet the needs of its consumers and the environment to create networking products that reduce energy consumption, improve energy efficiency, and meet the certification and compliance requirements of the industry. The 'dlink green' logo signifies products and solutions by D-Link that incorporate D-Link's green initiatives.











- Industry's first Green Technology for networking
- ENERGY STAR® compliant power supplies
- RoHS compliant for electrical and electronic equipment directive
- Automated power consumption reduction for better energy savings
- Automatic cable link or link partners detection for idle or power off status to put port in sleep mode
- Automatic cable length detection to adjust switch power usage

<p><b>DGS-1216T</b>   Power Saving   Fanless   </p> 	<p><b>10/100/1000BASE-T x 14</b> <b>1000BASE-T/SFP Combo Slot x 2</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DGS-1224T</b>   Power Saving   Fanless   </p> 	<p><b>10/100/1000BASE-T x 22</b> <b>1000BASE-T/SFP Combo Slot x 2</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DGS-1224TP</b>   Power Saving   </p> 	<p><b>10/100/1000BASE-T x 20 (PoE)</b> <b>1000BASE-T PoE/SFP Combo Slot x 4</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DGS-1248T</b>   Power Saving   </p> 	<p><b>10/100/1000BASE-T x 44</b> <b>1000BASE-T/SFP Combo Slot x 4</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DES-1228</b>   Fanless  </p> 	<p><b>10/100BASE-TX x 24</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DES-1228P</b>   PoE Supply  </p> 	<p><b>10/100BASE-TX x 24 (PoE)</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DES-1252</b>   Fanless  </p> 	<p><b>10/100BASE-TX x 48</b> <b>10/100/1000BASE-T x 2</b> <b>1000BASE-T/SFP Combo Slot x 2</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• 802.1X Authentication</li> </ul>
<p><b>DES-2108</b>   Fanless  </p> 	<p><b>10/100BASE-TX x 8</b></p> <ul style="list-style-type: none"> <li>• SNMP</li> <li>• VLAN</li> <li>• QoS</li> <li>• Port Mirroring</li> </ul>



## Gigabit & Fast Ethernet Unmanaged Switches - DGS-1000, DES-1000 Series

**DGS-1000/DES-1000** series consists of unmanaged Gigabit and 10/100Mbps switches designed for cost effective small office home office (SOHO) and workgroup connection.

<b>DGS-1016D</b>	Internal Power Supply	11" Rackmount/ Desktop	Power Saving	dlinkgreen	<b>10/100/1000BASE-T x 16</b> • Flow Control • Jumbo Frame • QoS • Cable Diagnostic
					
<b>DGS-1024D</b>	Internal Power Supply	11" Rackmount/ Desktop	Power Saving	dlinkgreen	<b>10/100/1000BASE-T x 24</b> • Flow Control • Jumbo Frame • QoS • Cable Diagnostic
					
<b>DES-1008F</b>	External Power Supply	Fanless	Compact Desktop		<b>10/100BASE-TX x 7</b> <b>100BASE-FX x 1 (Multi-Mode)</b> • Flow Control
					
<b>DES-1008P</b>	External Power Supply	Compact Desktop			<b>10/100BASE-TX x 4</b> <b>10/100BASE-TX x 4 (PoE)</b> • Flow Control
					
<b>DES-1016D</b>	Internal Power Supply	Fanless	11" Rackmount/ Desktop		<b>10/100BASE-TX x 16</b> • Flow Control • QoS
					
<b>DES-1018DG</b>	External Power Supply	Fanless	Compact Desktop		<b>10/100BASE-TX x16</b> <b>10/100/1000BASE-T x 2</b> • Flow Control
					
<b>DES-1024D</b>	Internal Power Supply	Fanless	11" Rackmount/ Desktop		<b>10/100BASE-TX x 24</b> • Flow Control • QoS
					
<b>DES-1026G</b>	Internal Power Supply	Fanless	19" Rackmount		<b>10/100BASE-TX x 24</b> <b>10/100/1000BASE-T x 2</b> • Flow Control
					
<b>DES-1048</b>	Internal Power Supply	Fanless	19" Rackmount		<b>10/100BASE-TX x 48</b> • Flow Control
					
<b>DES-1050G</b>	Internal Power Supply	Fanless	19" Rackmount		<b>10/100BASE-TX x 48</b> <b>10/100/1000BASE-T x 2</b> • Flow Control
					

## Redundancy Power Supplies

D-Link redundant power supplies (RPS) are designed to conform to wattage requirements of D-Link switches. These external RPS are enclosed in solid metal cases with sockets to AC or DC power sources on one end and the connectors to the switch's internal power supply on the other end.

**DPS-600** is designed to conform to wattage requirements of D-Link switches with Power over Ethernet (PoE).

**DPS-800** and **DPS-900** are 19" rackmount chassis designed to accommodate up to 2 or 8 RPS respectively.

**DPS-800** supports DPS-200/500/500DC.

**DPS-900** supports DPS-200/500 only.

<p><b>DPS-200</b>   60-Watt</p>  <p><b>Input Power:</b> 100-240VAC <b>Frequency:</b> 50/60Hz</p>	<p><b>DPS-500</b>   140-Watt</p>  <p><b>Input Power:</b> 100-240VAC <b>Frequency:</b> 50/60Hz</p>	<p><b>DPS-500DC</b>   140-Watt   DC Power</p>  <p><b>Input Power:</b> -36-72VDC</p>
<p><b>DPS-600</b>   500-Watt</p>  <p><b>Input Power:</b> 100-240VAC <b>Frequency:</b> 50/60Hz <b>19" Rackmount</b></p>	<p><b>DPS-800</b></p>  <p><b>No. of Slots:</b> 2 <b>Supported RPS:</b> DPS-200, DPS-500, DPS-500DC <b>19" Rackmount</b></p>	<p><b>DPS-900</b></p>  <p><b>No. of Slots:</b> 8 <b>Supported RPS:</b> DPS-200, DPS-500 <b>19" Rackmount</b></p>
<p><b>DPS-CB400</b></p> <p>4 Meter extension power cable for DPS-200/500/500DC</p>		

## Expansion Modules

D-Link expansion modules are designed for flexible deployment of additional connections on D-Link switches.

**DEM-201F/FL**, **DEM-301G** and **DEM-301T** modules allow 100BASE-FX fiber and Gigabit connections for DES-3018 and DES-3026 switches.

**DEM-410X** and **DEM-410CX XFP** modules allow flexible deployment of 10-Gigabit connection for DGS-3400 and DGS-3600 series switches and DWS-3026/DWS-4026 unified switches.

Model	Standard	No. of Ports	Connector	Supported Switches
DEM-201F	IEEE 802.3u 100BASE-FX Multi-Mode Fiber	1	SC	DES-3018, DES-3026
DEM-201FL	IEEE 802.3u 100BASE-FX Single-Mode Fiber	1	SC	DES-3018, DES-3026
DEM-301G	IEEE 802.3u 100BASE-X	1	SFP	DES-3018, DES-3026
DEM-301T	IEEE 802.3ab 100BASE-T	1	RJ-45	DES-3018, DES-3026
DEM-410X	IEEE 802.3ae 10Gigabit Ethernet	1	XFP	DGS-3400, DGS-3600 DWS-3026, DWS-4026
DEM-410CX	IEEE 802.3ak 10Gigabit Ethernet	1	CX4	DGS-3400, DGS-3600 DWS-3026, DWS-4026

**DEM-CB300CX**  
3-meter CX4 Stacking Cable for DEM-410CX

## Network Management System (D-view standard/ Professional)

D-View 6.0 provides an integrated platform and useful tools for enterprise administrators to simplify the daily effort of configuration, administration and monitoring tasks. It also can speed up the troubleshooting response time to reduce the down time impact for cooperation. There are 2 versions for D-View 6.0, the Professional and Standard Edition, the management ability for each products are vary.

For more details, refer to page 33-34



## SFP / XFP Transceivers (Hot-Swappable)

**DEM** series consists of SFP/XFP modules that can achieve long distance data transmission and high speed communication with single-mode and multi-mode fiber. These modules can be installed into switches and media converters.

The DEM series product line includes 100M/1G/10G and 1 core/2 core choices.

### 10-Gigabit Ethernet XFP

Model	Type	Standard	Connector	Wavelength	Cable Type	Transmission Distance
DEM-421XT	XFP (10GE)	IEEE 802.3ae 10GBASE-SR	LC	850nm	2-Core Multi-Mode Fiber 50/125µm, 62.5/125µm	300m
DEM-422XT	XFP (10GE)	IEEE 802.3ae 10GBASE-LR	LC	1310nm	2-Core Single-Mode Fiber 9/125µm	10km
DEM-423XT	XFP (10GE)	IEEE 802.3ae 10GBASE-ER	LC	1550nm	2-Core Single-Mode Fiber 9/125µm	40km

### Gigabit Ethernet WDM Bi-Directional SFP

Model	Type	Standard	Connector	Wavelength	Cable Type	Transmission Distance
DEM-330T *1	WDM Bi-Directional 1-Core SFP (1GE)	IEEE 802.3z 1000BASE-BX	LC	TX : 1550nm; RX : 1310nm	1-Core Single-Mode 9/125µm	10Km
DEM-330R *1	WDM Bi-Directional 1-Core SFP (1GE)	IEEE 802.3z 1000BASE-BX	LC	TX : 1310nm; RX : 1550nm	1-Core Single-Mode 9/125µm	10Km
DEM-331T *2	WDM Bi-Directional 1-Core SFP (1GE)	IEEE 802.3z 1000BASE-BX	LC	TX : 1550nm; RX : 1310nm	1-Core Single-Mode 9/125µm	40Km
DEM-331R *2	WDM Bi-Directional 1-Core SFP (1GE)	IEEE 802.3z 1000BASE-BX	LC	TX : 1310nm; RX : 1550nm	1-Core Single-Mode 9/125µm	40Km

\*1 DEM-330T & DEM-330R are used as a pair

\*2 DEM-331T & DEM-331R are used as a pair

### Gigabit Ethernet SFP

Model	Type	Standard	Connector	Wavelength	Cable Type	Transmission Distance
DEM-310GT	2-Core SFP (1GE)	IEEE 802.3z 1000BASE-LX	LC	1310nm	2-Core Single-Mode 9/125µm 2-Core Multi-Mode Fiber 50/125µm, 62.5/125µm	SMF : 10km (9/125µm) MMF : 2km (50/125µm) / 500m (62.5/125µm)
DEM-311GT	2-Core SFP (1GE)	IEEE 802.3z 1000BASE-SX	LC	850nm	2-Core Multi-Mode Fiber 50/125µm, 62.5/125µm	550m
DEM-312GT2	2-Core SFP (1GE)	IEEE 802.3z 1000BASE-SX	LC	1310nm 2-Core Multi-Mode Fiber	2-Core Multi-Mode Fiber 50/125µm, 62.5/125µm	1km (50/125µm) / 2km (62.5/125µm)
DEM-314GT	2-Core SFP (1GE)	IEEE 802.3z 1000BASE-LHX	LC	1550nm	2-Core Single-Mode 9/125µm	50Km
DEM-315GT	2-Core SFP (1GE)	IEEE 802.3z 1000BASE-ZX	LC	1550nm	2-Core Single-Mode 9/125µm	80Km
DGS-712	Cat. 5 Twisted Pair	IEEE 802.3ab 1000BASE-T	RJ-45	-	-	100m

### Fast Ethernet SFP

Model	Type	Standard	Connector	Wavelength	Cable Type	Transmission Distance
DEM-210	2-Core SFP (100M)	IEEE 802.3u 100BASE-FX	LC	1310nm	2-Core Single-Mode 9/125µm	15km
DEM-211	2-Core SFP (100M)	IEEE 802.3u 100BASE-FX	LC	1310nm	2-Core Multi-Mode Fiber 50/125µm, 62.5/125µm	2km

## Media Converters

**DMC** series consists of media converters that convert UTP cable to fiber optic cable in designated FTTH or optional fiber network. It is able to easily receive transmission over long distance with minimal noise influence.

Multiple media converters may be loaded using 19" rackmount chassis. The management module, DMC-1002, uses the web browser and console connection for management, which may be purchased separately. The media converters come in choices of 100Mbps or Gigabit.

### Fast Ethernet Media Converters

Model	Interface	Cable	Specifications
DMC-300M	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX MMF	<ul style="list-style-type: none"> <li>• 2 km</li> <li>• Auto MDI/MDI-X</li> <li>• MT-RJ Connector</li> </ul>
DMC-300SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX MMF	<ul style="list-style-type: none"> <li>• 2 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> </ul>
DMC-515SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 15 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> </ul>
DMC-530SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 30 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> </ul>
DMC-560SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 60 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> </ul>
DMC-615SC	100BASE-FX ↔ 100BASE-FX	2 Core 100FX MMF 2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 15 km</li> <li>• SC Connector</li> </ul>
DMC-1530SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 30 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> <li>• Link Pass Through</li> </ul>
DMC-1580SC	10/100BASE-TX ↔ 100BASE-FX	2 Core 100FX SMF	<ul style="list-style-type: none"> <li>• 80 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> <li>• Link Pass Through</li> </ul>
DMC-920 (DMC-920T / DMC-920R)	10/100BASE-TX ↔ 100BASE-FX	1 Core 100FX SMF WDM Bi-Directional	<ul style="list-style-type: none"> <li>• 20 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> <li>• Link Pass Through</li> </ul>

### Gigabit Ethernet Media Converters

Model	Interface	Cable	Specifications
DMC-700SC	1000BASE-T ↔ 1000BASE-SX	2 Core 1000 MMF	<ul style="list-style-type: none"> <li>• 550 m</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> <li>• Link Pass Through</li> </ul>
DMC-810SC	1000BASE-T ↔ 1000BASE-LX	2 Core 1000 SMF	<ul style="list-style-type: none"> <li>• 10 km</li> <li>• Auto MDI/MDI-X</li> <li>• SC Connector</li> <li>• Link Pass Through</li> </ul>
DMC-1910 (DMC-1910T/ DMC-1910R)	1000BASE-T ↔ 1000BASE-LX	1 Core 1000 SMF WDM Bi-Directional	<ul style="list-style-type: none"> <li>• 10 km</li> <li>• Auto MDI/MDI-X</li> <li>• Link Pass Through</li> </ul>
DMC-805G	1000BASE-T ↔ 1000BASE-X (SFP)	SFP Slot	<ul style="list-style-type: none"> <li>• Auto MDI/MDI-X</li> <li>• Link Pass Through</li> </ul>

### Media Converter Chassis & Accessories

Model	Description
DMC-1000	16-Slot DMC Series Media Converters Chassis with Internal Power Supply
DMC-1001	Redundancy Power Supply for DMC-1000
DMC-1002	SNMP Management Module for DMC-1000

## Managed Switches Selection Matrix

Model	10/100Mbps Ports	10/100Mbps PoE Ports	10/100/1000Mbps Ports	10/100/1000Mbps PoE Ports	100Mbps Fiber Ports	SFP Slots	1000Base-T/SFP Combo Slots	1000Base-SX Ports	10GE Option	Expansion Module Slots	Stackable	Redundancy Power Supply
DES-3010F	8	-	1	-	1(Multi-Mode)	-	-	-	-	-	Virtual Stack (32)	
DES-3010FL	8	-	1	-	1(Single-Mode)	-	-	-	-	-	Virtual Stack (32)	
DES-3010G	8	-	1	-	-	1	-	-	-	-	Virtual Stack (32)	
DES-3016	16	-	-	-	-	-	-	-	-	-	Virtual Stack (32)	
DES-3018	16	-	2(DEM-301T)*2	-	2(DEM-201F/FL)*2 (Multi/Single-Mode)	2(DEM-301G)*2	-	-	-	2	Virtual Stack (32)	
DES-3026	24	-	2(DEM-301T)*2	-	2(DEM-201F/FL)*2 (Multi/Single-Mode)	2(DEM-301G)*2	-	-	-	2	Virtual Stack (32)	
DES-3028	24	-	2	-	-	-	2	-	-	-	Virtual Stack (32)	
DES-3028P	-	24	2	-	-	-	2	-	-	-	Virtual Stack (32)	
DES-3052	48	-	2	-	-	-	2	-	-	-	Virtual Stack (32)	
DES-3052P	-	48	2	-	-	-	2	-	-	-	Virtual Stack (32)	
DES-3528	24	-	2	-	-	-	2	-	-	-	Virtual Stack (32) Physical Stack (8)	DPS-200
DES-3528DC	24	-	2	-	-	-	2	-	-	-	Virtual Stack (32) Physical Stack (8)	
DES-3528P	-	24	2	-	-	-	2	-	-	-	Virtual Stack (32) Physical Stack (8)	DPS-600
DES-3552	48	-	2	-	-	-	2	-	-	-	Virtual Stack (32) Physical Stack (8)	DPS-200
DGS-3100-24	-	-	20	-	-	-	4	-	-	-	Physical Stack (6)	DPS-200
DGS-3100-24P	-	-	-	20	-	-	4*1	-	-	-	Physical Stack (6)	DPS-600
DGS-3100-24TG	-	-	8	-	-	16	-	-	-	-	Physical Stack (6)	DPS-200
DGS-3100-48	-	-	44	-	-	-	4	-	-	-	Physical Stack (6)	DPS-500
DGS-3100-48P	-	-	-	44	-	-	4*1	-	-	-	Physical Stack (6)	DPS-600
DGS-3200-10	-	-	8	-	-	-	2	-	-	-	Virtual Stack (32)	
DGS-3100-16	-	-	14	-	-	-	2	-	-	-	Virtual Stack (32)	
DGS-3426	-	-	20	-	-	-	4	-	2(DEM-410CX/X)*2	2	Virtual Stack (32) Physical Stack (12)	DPS-500
DGS-3426P	-	-	-	20	-	-	4*1	-	2(DEM-410CX/X)*2	2	Virtual Stack (32) Physical Stack (12)	DPS-600
DGS-3427	-	-	20	-	-	-	4	-	3(DEM-410CX/X)*2	3	Virtual Stack (32) Physical Stack (12)	DPS-500
DGS-3450	-	-	44	-	-	-	4	-	2(DEM-410CX/X)*2	2	Virtual Stack (32) Physical Stack (12)	DPS-500
DES-6500	128(DEM-6508)*2	-	96(DEM-6507)*2	-	96(DEM-6504)*2 (Multi-Mode)	96(DEM-6509)*2	16(DEM-6507)*2	64(DEM-6505)*2	16(DEM-6512)*2	8	Virtual Stack (32)	DES-6511
DES-3828	24	-	2	-	-	-	2	-	-	-	Virtual Stack (32)	DPS-200
DES-3828DC	24	-	2	-	-	-	2	-	-	-	Virtual Stack (32)	
DES-3828P	-	24	2	-	-	-	2	-	-	-	Virtual Stack (32)	DPS-600
DES-3852	48	-	2	-	-	-	2	-	-	-	Virtual Stack (32)	DPS-200
DGS-3612	-	-	8	-	-	-	4	-	-	-	Virtual Stack (32) Physical Stack (12)	DPS-200
DGS-3612G	-	-	-	-	-	8	4	-	-	-	Virtual Stack (32) Physical Stack (12)	DPS-500
DGS-3627	-	-	20	-	-	-	4	-	3(DEM-410CX/X)*2	3	Virtual Stack (32) Physical Stack (12)	DPS-500
DGS-3627G	-	-	-	-	-	20	4	-	3(DEM-410CX/X)*2	3	Virtual Stack (32) Physical Stack (12)	DPS-500
DGS-3650	-	-	44	-	-	-	4	-	2(DEM-410CX/X)*2	2	Virtual Stack (32) Physical Stack (12)	DPS-500
DWS-3024	-	-	-	20	-	-	4*1	-	-	-		DPS-600
DWS-3024L	-	-	-	20	-	-	4*1	-	-	-		DPS-600
DWS-3026	-	-	-	20	-	-	4*1	-	2(DEM-410CX/X)*2	2		DPS-600
DWS-4026	-	-	-	20	-	-	4*1	-	2(DEM-410CX/X)*2	2		DPS-600

\*1 PoE Support on 1000Base-T Ports

\*2 Available with Expansion Module

DC Power Supply	Switching Capacity	Fanless	IPv6	IGMP Snooping	802.1s Multiple Spanning Tree	Jumbo Frame	ACL	IP-MAC-Port Binding	Double VLAN (Q-in-Q)	802.1X Port-Based Access Control	Mac-Based Access Control	Web-Based Access Control	Support Microsoft 802.1X NAP	Support Zone Defense	RIP	OSPF	IGMP	PIM-DM/SM	VRRP	WLAN Switch	No. of Managed APs	Managed AP Models	
	3.8 Gbps	✓		✓				✓		✓											-	-	
	3.8 Gbps	✓		✓				✓		✓												-	-
	5.6 Gbps	✓		✓				✓		✓												-	-
	3.2 Gbps	✓		✓				✓		✓												-	-
	7.2 Gbps	✓		✓				✓		✓												-	-
	8.8 Gbps	✓		✓				✓		✓												-	-
	12.8 Gbps	✓		✓	✓	✓	✓			✓												-	-
	12.8 Gbps			✓	✓	✓	✓			✓												-	-
	17.6 Gbps	✓		✓	✓	✓	✓			✓												-	-
	17.6 Gbps			✓	✓	✓	✓			✓												-	-
	12.8 Gbps	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									-	-
✓	12.8 Gbps	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									-	-
	17.6Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									-	-
	17.6Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									-	-
	68 Gbps		✓	✓	✓	✓	✓			✓	✓											-	-
	68Gbps		✓	✓	✓	✓	✓			✓	✓											-	-
	68Gbps		✓	✓	✓	✓	✓			✓	✓											-	-
	116 Gbps		✓	✓	✓	✓	✓			✓	✓											-	-
	116 Gbps		✓	✓	✓	✓	✓			✓	✓											-	-
	20 Gbps	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓								-	-
	32Gbps		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓								-	-
	88 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								-	-
	88 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								-	-
	108 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								-	-
	138Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								-	-
	160 Gbps			✓	✓	✓	✓			✓					✓	✓	✓	✓	✓			-	-
	12.8 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
✓	12.8 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	12.8 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	15.7 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	24 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	24 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	108 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	108 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	136 Gbps		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			-	-
	48 Gbps			✓	✓	✓	✓		✓	✓									✓	✓		48	DWL-3500AP DWL-8500AP DWL-8600AP
	48 Gbps			✓	✓	✓	✓		✓	✓									✓	✓		24	
	88 Gbps			✓	✓	✓	✓		✓	✓									✓	✓		48	
	88 Gbps			✓	✓	✓	✓		✓	✓									✓	✓		64	DWL-8600AP

Unmanaged / Smart Switches Selection Matrix

Model	10/100Mbps Ports	10/100Mbps PoE Ports	10/100/1000Mbps Ports	10/100/1000Mbps PoE Ports	1000Mbps Fiber Ports	1000Base-TT SFP Combo Slots	Form Factor	Fanless	Cable Diagnostic	Green Ethernet	Jumbo Frame	802.1p CoS	DSCP-Based QoS	Spanning Tree	IGMP Snooping	802.1Q VLAN	Port Trunking	Port Mirroring	802.1X Port-Based Access Control	D-Link Safeguard Engine	SNMPv1	Web-Based Management	Wireless AP Management	No. of Managed APs	Managed AP Model
DES-1008F	7	-	-	-	1 (Multi-Mode)	-	Compact Desktop	✓																-	-
DES-1008P	4	4	-	-	-	-	Compact Desktop	✓																-	-
DES-1016D	16	-	-	-	-	-	Desktop with Rackmount Brackets	✓				✓												-	-
DES-1018DG	16	-	2	-	-	-	Compact Desktop	✓																-	-
DES-1024D	24	-	-	-	-	-	Desktop with Rackmount Brackets	✓				✓												-	-
DES-1026G	24	-	2	-	-	-	19" Rackmount	✓																-	-
DES-1048	48	-	-	-	-	-	19" Rackmount	✓																-	-
DES-1050G	48	-	2	-	-	-	19" Rackmount	✓																-	-
DGS-1016D	-	-	16	-	-	-	Desktop with Rackmount Brackets		✓	✓	✓	✓						✓	✓	✓				-	-
DGS-1024D	-	-	24	-	-	-	Desktop with Rackmount Brackets		✓	✓	✓	✓						✓	✓	✓				-	-
DES-1228	24	-	2	-	-	2	19" Rackmount	✓				✓						✓	✓	✓		✓		-	-
DES-1228P	-	24	2	-	-	2	19" Rackmount		✓			✓						✓	✓	✓		✓	✓	24	DWL-3140AP
DES-1252	48	-	2	-	-	2	19" Rackmount	✓				✓						✓	✓	✓		✓		-	-
DES-2108	8	-	-	-	-	-	Compact Desktop	✓				✓						✓	✓	✓		✓		-	-
DGS-1216T	-	-	14	-	-	2	19" Rackmount	✓		✓	✓	✓						✓	✓	✓		✓		-	-
DGS-1224T	-	-	22	-	-	2	19" Rackmount	✓		✓	✓	✓						✓	✓	✓		✓		-	-
DGS-1224TP	-	-	-	20	-	4 <sup>*1</sup>	19" Rackmount		✓	✓	✓	✓						✓	✓	✓		✓		-	-
DGS-1248T	-	-	44	-	-	4	19" Rackmount		✓	✓	✓	✓						✓	✓	✓		✓		-	-

\*1 PoE Support on 1000Base-TX Ports



## Optional Module Selection Matrix

Module Model	Description	Supported Switches	Optional
DEM-201F	100Base-FX Multi-Mode Fiber with SC Connector	DES-3018, DES-3026	-
DEM-201FL	100Base-FX Single-Mode Fiber with SC Connector	DES-3018, DES-3026	-
DEM-301G	Gigabit Module with SFP Slot	DES-3018, DES-3026	-
DEM-301T	Gigabit Module with 10/100/1000Base-T with RJ-45 Connector	DES-3018, DES-3026	-
DEM-410CX	10 Gigabit Module with CX4 Connector (bundle with 1-meter cable)	DGS-3400, DGS-3600, DWS-3026, DWS-4026	DEM-CB300CX (3-Meter cable)
DEM-410X	10 Gigabit Module with XFP Slot	DGS-3400, DGS-3600, DWS-3026, DWS-4026	-
DES-6502	CPU/Fabric Switching Module	DES-6500	-
DES-6504	12-Port 100Base-FX Multi-Mode Fiber with LC Connector	DES-6500	-
DES-6505	8-Port 1000Base-SX Gigabit Fiber with SC Connector	DES-6500	-
DES-6506	24-Port RJ-21 to RJ-45 Patch Panel	DES-6500	-
DES-6507	12-Port 10/100/1000Base-T + 2-Port 1000Base-T/SFP Combo	DES-6500	-
DES-6508	16-Port 10/100Base-TX RJ-45	DES-6500	-
DES-6509	12 Slot SFP	DES-6500	-
DES-6510	24-Port 10/100Mbps RJ-21 Telco 50	DES-6500	-
DES-6511	Power Supply for DES-6500 Chassis	DES-6500	-
DES-6512	2-Slot 10-Gigabit XFP	DES-6500	-

## Redundancy Power Supply Selection Matrix

Model	DPS-600 (500-Watt)	DPS-500 (140-Watt)	DPS-500DC (140-Watt)	DPS-200 (60-Watt)
DES-3528	-	-	-	✓
DES-3528P	✓	-	-	-
DES-3552	-	-	-	✓
DES-3828	-	-	-	✓
DES-3828P	✓	-	-	-
DGS-3852	-	-	-	✓
DGS-3100-24	-	-	-	✓
DGS-3100-24P	✓	-	-	-
DGS-3100-24TG	-	-	-	✓
DGS-3100-48	-	✓	✓	-
DGS-3100-48P	✓	-	-	-
DGS-3426	-	✓	✓	-
DGS-3426P	✓	-	-	-
DGS-3427	-	✓	✓	-
DGS-3450	-	✓	✓	-
DGS-3612	-	-	-	✓
DGS-3612G	-	✓	✓	-
DGS-3627	-	✓	✓	-
DGS-3627G	-	✓	✓	-
DGS-3650	-	✓	✓	-
DWS-3024	✓	-	-	-
DWS-3024L	✓	-	-	-
DWS-3026	✓	-	-	-
DWS-4026	✓	-	-	-
DPS-800	-	✓	✓	✓
DPS-900	-	✓	-	✓
DPS-CB400	-	✓	✓	✓



SFP & XFP Transceivers and Modules Selection Matrix

Switch Model	10G XFP			1G SFP									
	DEM-421XT	DEM-422XT	DEM-423XT	DEM-310GT	DEM-311GT	DEM-312GT2	DEM-314GT	DEM-315GT	DEM-330R	DEM-330T	DEM-331R	DEM-331T	DGS-712
DES-1228	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-1228P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-1252	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3010G	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
DES-3018	-	-	-	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	-
DES-3026	-	-	-	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	✓ <sup>+1</sup>	-
DES-3028	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3028P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3052	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3052P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3528	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3528P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3552	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3552P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3828	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3828DC	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3828P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-3852	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DES-6500	✓ <sup>+2</sup>	✓ <sup>+2</sup>	✓ <sup>+2</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>	✓ <sup>+3</sup>
DGS-1216T	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-1224T	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-1248T	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3100-24	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3100-24P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3100-24TG	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3100-48	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3100-48P	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3200-10	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3200-16	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3426	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3426P	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3427	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3450	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3612	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3612G	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3627	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3627G	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DGS-3650	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DWS-3024	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
DWS-3024L	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
DWS-3026	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
DWS-4026	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓ <sup>+4</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-

100FX SFP		Switch Expansion Module					
DEM-210	DEM-211	DEM-201F	DEM-201FL	DEM-301G	DEM-301T	DEM-410CX	DEM-410X
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	✓	✓	✓	✓	-	-
-	-	✓	✓	✓	✓	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
✓	✓	-	-	-	-	-	-
✓	✓	-	-	-	-	-	-
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓
-	-	-	-	-	-	✓	✓

\*1 Must be used with DEM-301G Module  
 \*2 Must be used with DEM-6512 Module  
 \*3 Must be used with DES-6507 or DES-6509 Module  
 \*4 Must be used with DEM-410X Module



**AirPremier**

**AirPremier Indoor Wireless Access Points**

**D-Link AirPremier®** Indoor Wireless Access Points are reliable, powerful, and suitable for business-class enterprise environments.

These access points provide various security options for network administrators to deploy a highly manageable and robust wireless network ideal for indoor hotspot deployment. D-Link indoor access points offer a wide range of product options for different indoor environments and are compliant with various IEEE standards, including 802.11a, b, g and 802.11n (draft).

**Wireless Management System**





















**D-View Wireless Plug-in**

D-Link's D-View Wireless Plug-In is a platform for managing enterprise wireless and wired LAN network. In addition to D-View's LAN management functionality, Wireless Plug-In provides a unified console for managing the broad portfolio of D-Link's Enterprise WLAN products, including Wireless Switches, Unified APs and Standalone APs. With D-View Wireless Plug-in, IT managers can control, configure and monitor all D-Link switches and Wireless APs from a single location, significantly reducing operation overhead and total cost of ownership (TCO).

**AP Manager II**

D-Link AP Manager II is a management tool for enterprise and SMB to deploy, manage and monitor D-Link business AP. AP manager II provide centralized management and Multi-Configuration function with this tool IT managers can easily and effectively manage their D-Link business AP remotely.

For more details, refer to page 33-34

<p><b>DAP-1353</b></p> 	<p>External Power Supply   3dBi Antenna   </p>	<p><b>10/100BASE-TX x 1</b></p> <ul style="list-style-type: none"> <li>• 802.11n (draft)</li> <li>• 802.11b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> </ul>	<ul style="list-style-type: none"> <li>• 802.11e (WMM)</li> <li>• MAC Filtering</li> <li>• 802.1Q VLAN</li> <li>• Multiple SSID</li> </ul> <p><i>Optional Accessories:</i> PoE Adapters DWL-P200 DWL-P50</p>
<p><b>DAP-2553</b></p> 	<p>External Power Supply   Built-in PoE   3dBi Antenna for 2.4GHz   5dBi Antenna for 5GHz      </p>	<p><b>10/100/1000BASE-T x 1 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11n Dualband (draft)</li> <li>• 802.11a/b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> </ul>	<ul style="list-style-type: none"> <li>• MAC Filtering</li> <li>• 802.1Q VLAN</li> <li>• Rogue AP Detection</li> <li>• Multiple SSID</li> </ul>
<p><b>DAP-2590</b></p> 	<p>External Power Supply   Built-in PoE   4dBi Antenna for 2.4GHz   6dBi Antenna for 5GHz      </p>	<p><b>10/100/1000BASE-T x 1 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11n Dualband (draft)</li> <li>• 802.11a/b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> <li>• MAC Filtering</li> </ul>	<ul style="list-style-type: none"> <li>• 802.1Q VLAN</li> <li>• Rogue AP Detection</li> <li>• Multiple SSID</li> <li>• Plenum-Rated Chassis</li> </ul>
<p><b>DWL-2100AP</b></p> 	<p>External Power Supply   2dBi Antenna   </p>	<p><b>10/100BASE-TX x 1</b></p> <ul style="list-style-type: none"> <li>• 802.11b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> <li>• 802.11e (WMM)</li> </ul>	<ul style="list-style-type: none"> <li>• MAC Filtering</li> <li>• 802.1Q VLAN</li> <li>• Multiple SSID</li> </ul> <p><i>Optional Accessories:</i> PoE Adapters DWL-P200 DWL-P50</p>
<p><b>DWL-2200AP</b></p> 	<p>External Power Supply   Built-in PoE   5dBi Antenna   </p>	<p><b>10/100BASE-TX x 1 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> </ul>	<ul style="list-style-type: none"> <li>• MAC Filtering</li> <li>• 802.1Q VLAN</li> <li>• AP Grouping</li> <li>• 802.11e (WMM)</li> </ul>
<p><b>DWL-3200AP</b></p> 	<p>External Power Supply   Built-in PoE   5dBi Antenna   </p>	<p><b>10/100BASE-TX x 1 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> <li>• 802.11e (WMM)</li> <li>• MAC Filtering</li> </ul>	<ul style="list-style-type: none"> <li>• 802.1Q VLAN</li> <li>• Rogue AP Detection</li> <li>• Multiple SSID</li> <li>• Plenum-Rated Chassis</li> </ul>
<p><b>DWL-3260AP</b></p> 	<p>External Power Supply   Built-in PoE   Embedded 1dBi Antenna   </p>	<p><b>10/100BASE-TX x 1 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> <li>• 802.11e (WMM)</li> </ul>	<ul style="list-style-type: none"> <li>• MAC Filtering</li> <li>• 802.1Q VLAN</li> <li>• Rogue AP Detection</li> <li>• Multiple SSID</li> </ul>
<p><b>DWL-7100AP</b></p> 	<p>External Power Supply   2dBi Antenna for 2.4GHz   3dBi Antenna for 5GHz   </p>	<p><b>10/100BASE-TX x 1</b></p> <ul style="list-style-type: none"> <li>• 802.11a/b/g</li> <li>• WPA</li> <li>• Wireless Distribution System</li> </ul>	<ul style="list-style-type: none"> <li>• MAC Filtering</li> </ul> <p><i>Optional Accessories:</i> PoE Adapters DWL-P200 DWL-P50</p>
<p><b>DWL-8200AP</b></p> 	<p>External Power Supply   Built-in PoE   2.5dBi Antenna for 2.4GHz   5.5dBi Antenna for 5GHz   </p>	<p><b>10/100BASE-TX x 2 (PoE Enabled)</b></p> <ul style="list-style-type: none"> <li>• 802.11a/b/g</li> <li>• WPA2</li> <li>• Wireless Distribution System</li> <li>• MAC Filtering</li> </ul>	<ul style="list-style-type: none"> <li>• 802.1Q VLAN</li> <li>• Rogue AP Detection</li> <li>• Multiple SSID</li> <li>• Plenum-Rated Chassis</li> </ul>



### AirPremier Outdoor Wireless Access Points

D-Link AirPremier® Outdoor Wireless Access Points are reliable, powerful, and suitable for business-class enterprise environments. These access points provide various security options for network administrators to deploy a highly manageable and robust wireless network ideal for deployment of building to building network infrastructure.

D-Link outdoor access points offer a wide range of product options for different outdoor environments and are compliant with various IEEE standards, including 802.11a, b, g and 802.11n (draft). All D-Link AirPremier® Outdoor Wireless access points support 802.3af Power over Ethernet (PoE).

**DAP-3220** | External Power Supply | Built-in PoE | 9dBi Embedded Antenna |



**10/100BASE-TX x 1 (PoE Enabled)**

- 802.11b/g
- WPA2
- MAC Filtering
- 802.1Q VLAN
- Rogue AP Detection
- Multiple SSID
- Water/Dust-Proof IP65 Standard

**DAP-3520** | External Power Supply | Built-in PoE | Embedded Dualband Antenna | 8dBi Antenna for 2.4GHz | 10dBi Antenna for 5GHz |



**10/100/1000BASE-T x 1 (PoE Enabled)**

- 802.11n Dualband (draft)
- 802.11a/b/g
- WPA2
- MAC Filtering
- 802.1Q VLAN
- Rogue AP Detection
- Multiple SSID
- Water/Dust-Proof IP65 Standard

**DWL-2700AP** | External Power Supply | Built-in PoE | 5dBi Antenna |



**10/100BASE-TX x 1 (PoE Enabled)**

- 802.11b/g
- WPA2
- 802.1X
- MAC Filtering
- 802.1Q VLAN
- Multiple SSID
- Water/Dust-Proof IP68 Standard

**DWL-7700AP** | External Power Supply | Built-in PoE | 5dBi Antenna for 2.4GHz | 7dBi Antenna for 5GHz |



**10/100/1000BASE-TX x 1 (PoE Enabled)**

- 802.11a/b/g
- WPA2
- 802.1X
- MAC Filtering
- 802.1Q VLAN
- Multiple SSID
- Water/Dust-Proof IP68 Standard

### Antennas

D-Link antennas can be connected to compatible D-Link Access Points to extend the coverage of the wireless Local Area Network. D-Link offers a wide range of antennas for both indoor and outdoor to fit different applications and environments.

#### Dual-Band Antennas

Model	Indoor/Outdoor	2.4GHz Indoor Transmission Distance (1/11/54M)	2.4GHz Outdoor Transmission Distance (1/11/54M)	5GHz Indoor Transmission Distance (1/11/54M)	5GHz Outdoor Transmission Distance (1/11/54M)	Gain	Horizontal Coverage	Vertical Coverage
ANT70-0800	Indoor/Outdoor	700/350/100m	800/450/150m	1000/500/200m	1000/500/200m	8 dBi	360°	15°
ANT70-0801	Indoor/Outdoor	700/350/100m	800/450/150m	1000/500/200m	1000/500/200m	8 dBi	360°	15°
ANT70-1000	Indoor/Outdoor	800/400/150m	1000/500/200m	1200/600/250m	1500/700/300m	10 dBi	2.4GHz - 58° 5GHz - 45°	2.4GHz - 55° 5GHz - 45°
ANT70-1800	Outdoor	-	6000/4500/1000m	-	8000/5000/1500m	2.4GHz - 14 dBi 5GHz - 18 dBi	2.4GHz - 30° 5GHz - 15°	2.4GHz - 30° 5GHz - 15°



Antennas

Single-Band Antennas

Model	Indoor/ Outdoor	2.4GHz Indoor Transmission Distance (1/11/54M)	2.4GHz Indoor Transmission Distance (1/11/54M)	Gain	Horizontal Coverage	Vertical Coverage
ANT24-0800	Indoor/ Outdoor	700/ 350/ 100m	2000/ 1000/ 400m	12 dBi	360°	15°
ANT24-0801	Indoor/ Outdoor	800/ 500/ 150m	2500/ 1500/ 600m	8.5 dBi	70°	65°
ANT24-1200	Indoor	1500/ 1200/ 500m	-	12 dBi	80°	23°
ANT24-1201	Outdoor	-	3000/ 2500/ 1000m	12 dBi	50°	50°
ANT24-1202	Outdoor	-	3000/ 1800/ 450m	12 dBi	360°	6°
ANT24-1400	Outdoor	-	6000/ 4500/ 1000m	14 dBi	30°	30°
ANT24-1800	Outdoor	-	8000/ 6000/ 1500m	18 dBi	15°	15°
ANT24-2100	Outdoor	-	8000/ 6000/ 1500m	21 dBi	10°	12°

Antenna Accessories

Model	Description
ANT24-0500CB	3-Metre Low Loss Cable with N Plug and RP-SMA Plug
ANT24-0800CB	50cm Low Loss Cable with N Plug and RP SMA plug (For ANT24-0800)
ANT24-1200CB	3-Metre Low Loss Cable with SMA plug and RP SMA plug
ANT24-CB03N	3-Metre LMR400 Low Loss Cable with N plug and N Jack
ANT24-CB06N	6-Metre LMR400 Low Loss Cable with N plug and N Jack
ANT24-CB09N	9-Metre LMR400 Low Loss Cable with N plug and N Jack
ANT24-ODU3M	3-Metre LMR400 Low Loss Cable with RP-N plug and N plug

## Unified Wired/Wireless Access System

**D-Link Unified Wired/Wireless Switching** solution offers centralized management that greatly simplifies wireless deployment and significantly enhances access security, wireless throughput and network convergence.

D-Link Unified Switching consists of **DWS-3000** series wireless switches for managing wireless access points **DWL-3500AP**, **DWL-8500AP** and **DWL-8600AP**, and unified switch **DWS-4026** for managing **DWL-8600AP**.

### Unified Switches

#### DWS-3024



Redundancy Power Supply | PoE Support | Support Up To 48 APs

10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4

- Centralized AP Management
- Auto RF Channel Selection
- Rogue AP Detection
- Advanced Ad Hoc Client Detection
- Automatic AP Detection
- Adaptable Wireless
- Auto AP Power Adjustment
- Captive Portal
- L2/L3 Roaming
- SNMP
- VLAN
- QoS
- VRRP

Optional Accessories:  
DPS-600 (500-Watt RPS)

#### DWS-3024L



Redundancy Power Supply | PoE Support | Support Up To 24 APs

10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4

- Centralized AP Management
- Auto RF Channel Selection
- Rogue AP Detection
- Advanced Ad Hoc Client Detection
- Automatic AP Detection
- Adaptable Wireless
- Auto AP Power Adjustment
- Captive Portal
- L2/L3 Roaming
- SNMP
- VLAN
- QoS
- VRRP

Optional Accessories:  
DPS-600 (500-Watt RPS)

#### DWS-3026



Redundancy Power Supply | PoE Support | Support Up To 48 APs | 10G Expansion

10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4  
10G Expansion Slot x 2

- Centralized AP Management
- Auto RF Channel Selection
- Rogue AP Detection
- Advanced Ad Hoc Client Detection
- Automatic AP Detection
- Adaptable Wireless
- Auto AP Power Adjustment
- Captive Portal
- L2/L3 Roaming
- SNMP
- VLAN
- QoS
- VRRP

Optional Accessories:  
DEM-410X (10G XFP Module)  
DEM-410CX (10G CX4 Module)  
DPS-600 (500-Watt RPS)

#### DWS-4026



Redundancy Power Supply | PoE Support | Support Up To 64 APs | 10G Expansion

10/100/1000BASE-T x 20 (PoE)  
1000BASE-T PoE/SFP Combo Slot x 4  
10G Expansion Slot x 2

- Centralized AP Management
- Auto RF Channel Selection
- Rogue AP Mitigation
- Advanced Ad Hoc Client Detection
- Switch Clustering
- Adaptable Wireless
- Auto AP Power Adjustment
- Captive Portal
- L2/L3 Fast Roaming
- SNMP
- VLAN
- QoS
- VRRP

Optional Accessories:  
DEM-410X (10G XFP Module)  
DEM-410CX (10G CX4 Module)  
DPS-600 (500-Watt RPS)

### Unified Access Points

#### DWL-3500AP



External Power Supply | Built-in PoE

10/100BASE-TX x 1  
(PoE Enabled)

- 802.11b/g
- Centralized Mgt by DWS Series
- WPA2
- 802.1X
- 802.11e (WMM)
- Virtual AP
- VLAN
- MAC Filtering
- Thin or Fat AP
- Antenna Diversity

#### DWL-8500AP



External Power Supply | Built-in PoE

10/100BASE-TX x 1  
(PoE Enabled)

- 802.11b/g
- Centralized Mgt by DWS Series
- WPA2
- 802.1X
- 802.11e (WMM)
- Virtual AP
- VLAN
- MAC Filtering
- Thin or Fat AP
- Antenna Diversity

#### DWL-8600AP



External Power Supply | Built-in PoE

10/100/1000BASE-T x 1  
(PoE Enabled)

- 802.11n (draft)
- 802.11b/g
- Centralized Mgt by DWS Series
- WPA2
- 802.1X
- 802.11e (WMM)
- Virtual AP
- VLAN
- MAC Filtering
- 802.11a (W52/ W53)
- Thin or Fat AP
- AP Clustering
- AP-AP Tunnel
- Antenna Diversity

## Smart Wireless Switching

**D-Link Smart Wireless Switching** is an inexpensive easy-to-use solution designed for small and medium businesses to deploy company-wide wireless networks with reliable connectivity and enhanced security. This solution also offers access points management using Smart WLAN Manager software.

#### DES-1228P

PoE Supply

10/100BASE-TX x 24 (PoE)  
10/100/1000BASE-T x 2  
1000BASE-T/SFP Combo Slot x 2



- SNMP
- VLAN
- QoS
- 802.1X Authentication

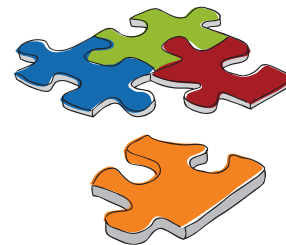
#### DWL-3140AP

External Power Supply | Built-in-PoE

10/100BASE-TX x 1  
(PoE Enabled)



- 802.11b/g
- WPA2
- Managed by DES-1228P
- MAC Filtering
- Disable SSID Broadcast
- Web Smart Thin AP



### VPN Routers

**D-Link VPN Routers** provide an easy-to-deploy VPN and firewall solution that comes with superior performance and security designed for the Small Office/Home Office (SOHO) market. With small businesses becoming increasingly network-dependent, the need to invest in a reliable security solution is crucial. D-Link VPN routers offer high return on investment through robust security features, flexible configuration, and superior network protection for SOHO networks.



**DI-804HV** | External Power Supply



**LAN 10/100BASE-TX x 4**  
**WAN 10/100BASE-TX x 1**

- Stateful Packet Inspection
- Software DMZ
- VPN

**DI-808HV** | External Power Supply



**LAN 10/100BASE-TX x 8**  
**WAN 10/100BASE-TX x 1**

- Stateful Packet Inspection
- Software DMZ
- VPN

**DI-824VUP** | External Power Supply



**LAN 10/100BASE-TX x 4**  
**WAN 10/100BASE-TX x 1**  
**USB x 1**  
**Unidirectional Parallel x 1**

- 802.11b/g
- Stateful Packet Inspection
- Software DMZ
- VPN

**DIR-130** | External Power Supply



**LAN 10/100BASE-TX x 8**  
**WAN 10/100BASE-TX x 1**

- Stateful Packet Inspection
- Software DMZ
- VPN

**DIR-330** | External Power Supply



**LAN 10/100BASE-TX x 4**  
**WAN 10/100 BASE-TX x 1**  
**USB x 1**

- 802.11b/g
- Stateful Packet Inspection
- Software DMZ
- VPN

**DIR-730** | External Power Supply | Power Saving



**LAN 10/100/1000BASE-T x 4**  
**WAN 10/100/1000BASE-T x 1**  
**USB x 2**  
**(For Multi-Function Printer, 3G USB Adapter & WCN Configuration)**

- 802.11n Single Band (draft)
- Stateful Packet Inspection
- Hardware DMZ
- VPN
- IPS
- IPv6

**DI-LB604** | External Power Supply



**LAN 10/100BASE-TX x 4**  
**WAN 10/100 BASE-TX x 2**

- Outbound Load Balancing
- Stateful Packet Inspection
- VPN



Business Wireless Selection Matrix

Model	802.11a 54Mbps 5GHz	802.11g 54Mbps 2.4GHz	Super G 108Mbps 2.4GHz	802.11n draft 150Mbps 2.4GHz	802.11n draft 150Mbps 5GHz	10/ 100/ 1000Mbps LAN Ports	10/100/ 1000Mbps LAN Ports	802.3af PoE	Access Point	WDS with AP	WDS	AP Repeater	Wireless Client	WEP	WPA/ WPA2 PSK	WPA/ WPA2 EAP	Wi-Fi Multimedia (WMM)	802.1Q VLAN	MAC Address Filtering	Disable SSID Broadcast	Multiple SSID	Rogue AP Detection	Detectable Antenna	Antenna Gain	Plenum- Rated Chassis	D-view Support	Managed by Switch	Fat/Thin AP	Indoor/ Outdoor Usage
DAP-1353	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	3 dBi		✓		Fat	Indoor	
DAP-2553	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	3 dBi for 2.4GHz 5 dBi for 5GHz		✓		Fat	Indoor	
DAP-2590	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4 dBi for 2.4GHz 6 dBi for 5GHz	✓	✓		Fat	Indoor	
DAP-3220	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9 dBi		✓		Fat	Exterior (Semi-Outdoor)	
DAP-3520	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8 dBi for 2.4GHz 10 dBi for 5GHz		✓		Fat	Exterior (Semi-Outdoor)	
DWL-2100AP	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2 dBi		✓		Fat	Indoor	
DWL-2200AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5 dBi		✓		Fat	Indoor	
DWL-2700AP	✓	✓	✓	✓	✓	✓	✓ <small>(with PoE &amp; PoE+)</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5 dBi	✓			Fat	Outdoor	
DWL-3140AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Built-in			✓	Thin	Indoor	
DWL-3200AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5 dBi	✓			Fat	Indoor	
DWL-3260AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Built-in		✓		Fat	Indoor	
DWL-3500AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5 dBi		✓	✓	Thin	Indoor	
DWL-7100AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	WPA only	WPA only	✓	✓	✓	✓	✓	✓	2 dBi for 2.4GHz 3 dBi for 5GHz		✓		Fat	Indoor	
DWL-7700AP	✓	✓	✓	✓	✓	✓	✓ <small>(with PoE &amp; PoE+)</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5 dBi for 2.4GHz 7 dBi for 5GHz	✓	✓		Fat	Outdoor	
DWL-8200AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2.5 dBi for 2.4GHz 5.5 dBi for 5GHz	✓	✓		Fat	Indoor	
DWL-8500AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2.5 dBi for 2.4GHz 5.5 dBi for 5GHz	✓	✓	✓	Thin	Indoor	
DWL-8600AP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2.5 dBi for 2.4GHz 5.5 dBi for 5GHz	✓	✓	✓	Thin	Indoor	

\*1 DWS-3000 consists of DWS-3024, DWS-3024L & DWS-3026

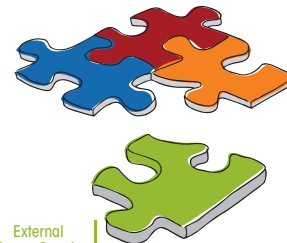
\*2 DWS Series consists of DWS-3024, DWS-3024L & DWS-3026 & DWS-4026



NetDefend IPS Firewalls

D-Link Gateway Security consists of NetDefend IPS and UTM Firewalls.

NetDefend IPS Firewalls include **DFL-210/800/1600/2500**, which provide critical protection for networking infrastructure with powerful firewall/VPN features and innovative NetDefend IPS service.



DFL-210

External Power Supply



10/100BASE-TX x 6  
(WAN x 1 / DMZ x 1 / LAN x 4)

- Stateful Inspection
- Intrusion Detection Prevention (IDP)
- WAN Failover
- IPSec/PPTP/L2TP VPN
- Bandwidth Management
- URL Filtering
- P2P Blocking
- Transparent Mode
- Anti-SPAM

DFL-800

External Power Supply



10/100BASE-TX x 10  
(WAN x 2 / DMZ x 1 / LAN x 7)

- Stateful Inspection
- Intrusion Detection Prevention (IDP)
- WAN Failover
- ZoneDefense
- IPSec/PPTP/L2TP VPN
- Bandwidth Management
- URL Filtering
- P2P Blocking
- Server Load Balancing
- Transparent Mode
- Anti-SPAM

DFL-1600

19" Rackmount



10/100/1000BASE-T x 6  
(WAN / DMZ / LAN Configurable)

- Stateful Inspection
- Intrusion Detection Prevention (IDP)
- WAN Failover
- ZoneDefense
- IPSec/PPTP/L2TP VPN
- Bandwidth Management
- URL Filtering
- P2P Blocking
- Server Load Balancing
- Transparent Mode
- High Availability
- Anti-SPAM
- LCD Panel

DFL-2500

19" Rackmount



10/100/1000BASE-T x 8  
(WAN / DMZ / LAN Configurable)

- Stateful Inspection
- Intrusion Detection Prevention (IDP)
- WAN Failover
- ZoneDefense
- IPSec/PPTP/L2TP VPN
- Bandwidth Management
- URL Filtering
- P2P Blocking
- Server Load Balancing
- Transparent Mode
- High Availability
- Anti-SPAM
- LCD Panel

NetDefend Security Service for IPS Firewalls

IPS Signature License of 90 days is shipped with the equipment. Please register your product at <http://security.dlink.com.tw>.

License Model Firewall Model

DFL-210-IPS-12 DFL-210

IPS Signature Upgrade License (12-Months)

DFL-800-IPS-12 DFL-800

IPS Signature Upgrade License (12-Months)

DFL-1600-IPS-12 DFL-1600

IPS Signature Upgrade License (12-Months)

DFL-2500-IPS-12 DFL-2500

IPS Signature Upgrade License (12-Months)



### NetDefend UTM Firewalls

Apart from IPS Firewalls capabilities, NetDefend UTM Firewalls **DFL-260** and **DFL-860** further provide comprehensive security services, such as NetDefend IPS, Anti-virus and Web Content Filtering.



### Network Management System (D-View NetDefend plug-in)

D-View 6.0 NetDefend Plug-in inherits the powerful management ability of D-View 6.0 and provides a central management platform to manage D-Link's gateway security products. Customers can take the advantages to ease the effort of daily maintenance by D-View 6.0 platform and easily to monitor, apply the security rules, policies and specific security functions, such as VPN, UTM Services, ZoneDefense etc.

For more details, refer to page 33-34

### NetDefend Security Service for UTM Firewalls

IPS & Anti-Virus Signature License 1 year and Web Content Filtering License of 90 days are shipped with the equipment. Please register your product at <http://security.dlink.com.tw>.

#### DFL-160 External Power Supply



**10/100BASE-TX x 1 (WAN)  
10/100/1000BASE-T x 5  
(DMZ x 1 / LAN x 4)**

- Anti-Virus
- Stateful Packet Inspection
- Intrusion Detection Prevention (IDP)
- PPPoE
- IPsec/PPTP/L2TP VPN
- IPsec/PPTP/L2TP VPN
- Web Content Filtering
- IPsec NAT Traversal
- Transparent Mode

#### DFL-260 External Power Supply



**10/100BASE-TX x 6  
(WAN x 1 / DMZ x 1 / LAN x 4)**

- Anti-Virus
- Stateful Packet Inspection
- Intrusion Detection Prevention (IDP)
- PPPoE
- IPsec/PPTP/L2TP VPN
- Bandwidth Management
- URL Filtering
- P2P Blocking
- WAN Failover
- Transparent Mode
- Web Content Filtering
- Anti-Spam

#### DFL-860 External Power Supply



**10/100BASE-TX x 10  
(WAN x 1 / DMZ x 1 / LAN x 7)**

- Anti-Virus
- Stateful Packet Inspection
- Intrusion Detection Prevention (IDP)
- PPPoE
- IPsec/PPTP/L2TP VPN
- Bandwidth Management
- Anti-Spam
- URL Filtering
- P2P Blocking
- Server Load Balancing
- Transparent Mode
- Web Content Filtering
- ZoneDefense
- WAN Failover

#### DFL-1660 Internal Power Supply



**19" Rackmount | dlinkgreen | 80 PLUS | 10/100/1000BASE-T x 6  
(WAN / DMZ / LAN Configurable)**

- Anti-Virus
- Intrusion Detection Prevention (IDP)
- High Availability
- Anti-Spam
- Web Content Filtering
- Bandwidth Management
- Server Load Balancing
- Outbound Traffic Load Balancing
- Web based User Authentication
- IPsec/PPTP/L2TP VPN
- ZoneDefense
- Policy based routing
- OSPF dynamic routing protocol

#### DFL-2560 Internal Power Supply



**19" Rackmount | dlinkgreen | 80 PLUS | 10/100/1000BASE-T x 10  
(WAN / DMZ / LAN Configurable)**

- Anti-Virus
- Intrusion Detection Prevention (IDP)
- High Availability
- Anti-Spam
- Web Content Filtering
- Bandwidth Management
- Server Load Balancing
- Outbound Traffic Load Balancing
- Web based User Authentication
- IPsec/PPTP/L2TP VPN
- ZoneDefense
- Policy based routing
- OSPF dynamic routing protocol

#### DFL-2560G Internal Power Supply



**19" Rackmount | dlinkgreen | 80 PLUS | 10/100/1000BASE-T x 6  
SFP x 4  
(WAN / DMZ / LAN Configurable)**

- Anti-Virus
- Intrusion Detection Prevention (IDP)
- High Availability
- Anti-Spam
- Web Content Filtering
- Bandwidth Management
- Server Load Balancing
- Outbound Traffic Load Balancing
- Web based User Authentication
- IPsec/PPTP/L2TP VPN
- ZoneDefense
- Policy based routing
- OSPF dynamic routing protocol

License Model	Firewall Model
<b>DFL-260-AV-12</b>	<b>DFL-260</b>
Anti-Virus Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-260-IPS-12</b>	<b>DFL-260</b>
IPS Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-260-WCF-12</b>	<b>DFL-260</b>
Web Content Filtering Signature License (12-Months)	

License Model	Firewall Model
<b>DFL-860-AV-12</b>	<b>DFL-860</b>
Anti-Virus Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-860-IPS-12</b>	<b>DFL-860</b>
IPS Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-860-WCF-12</b>	<b>DFL-860</b>
Web Content Filtering Signature License (12-Months)	

License Model	Firewall Model
<b>DFL-1660-AV-12</b>	<b>DFL-1660</b>
Anti-Virus Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-1660-IPS-12</b>	<b>DFL-1660</b>
IPS Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-1660-WCF-12</b>	<b>DFL-1660</b>
Web Content Filtering Signature License (12-Months)	

License Model	Firewall Model
<b>DFL-2560-AV-12</b>	<b>DFL-2560/DFL-2560G</b>
Anti-Virus Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-2560-IPS-12</b>	<b>DFL-2560/DFL-2560G</b>
IPS Signature Upgrade License (12-Months)	

License Model	Firewall Model
<b>DFL-2560-WCF-12</b>	<b>DFL-2560/DFL-2560G</b>
Web Content Filtering Signature License (12-Months)	

Security Product Selection Matrix

Model	LAN Port	WAN Port	DMZ Port	10/100/1000Base-T User-Configurable Port	SFP User-Configurable Port	Firewall Throughput	VPN Throughput	Concurrent Sessions	No. of Policies	Intrusion Prevention System (IPS)	Anti-Virus (AV)	Web Content Filtering (WCF)	OSPF	High Availability	Zone - Defense
DFL-210	4	1	1	0	0	80 Mbps	25 Mbps	12,000	500	✓					
DFL-800	7	2	1	0	0	150 Mbps	60 Mbps	25,000	1,000	✓			✓		✓
DFL-1600	0	0	0	6	0	320 Mbps	120 Mbps	400,000	2,500	✓			✓	✓	✓
DFL-2500	0	0	0	8	0	600 Mbps	300 Mbps	1,000,000	4,000	✓			✓	✓	✓
DFL-160	4	1	1	0	0	70 Mbps	25 Mbps	6,000	300	✓	✓	✓			
DFL-260	4	1	1	0	0	80 Mbps	25 Mbps	12,000	500	✓	✓	✓			
DFL-860	7	2	1	0	0	150 Mbps	60 Mbps	25,000	1,000	✓	✓	✓	✓		✓
DFL-1660	0	0	0	6	0	400 Mbps(TBD)	150 Mbps(TBD)	400,000	2,500	✓	✓	✓	✓	✓	✓
DFL-2560	0	0	0	10	0	700 Mbps(TBD)	400 Mbps (TBD)	1,000,000	4,000	✓	✓	✓	✓	✓	✓
DFL-2560G	0	0	0	6	4	700 Mbps(TBD)	400 Mbps (TBD)	1,000,000	4,000	✓	✓	✓	✓	✓	✓

\*TBD - To be determine



Fixed Network Cameras

D-Link offers a wide range of fixed network camera series to meet different surveillance requirements from indoor to outdoor and from day to night. Our fixed network cameras are reliable, economical and of high-quality. The cameras can be connected to a network to provide a fixed viewing direction once they are mounted.



Dome Network Cameras

D-Link high-performance fixed dome network cameras provide the necessary professional look and surveillance for business environments, and are especially popular with CCTV. They are equipped with progressive CMOS technology which delivers exceptional picture quality.

**DCS-6111**, in addition, is capable of capturing images in low-light/no light environment.

D-Link D-ViewCam software, which come included with the cameras, provides the ability to view up to 32 camera sites concurrently with a single computer screen at a central location.

**DCS-3110**

1.3 Megapixel CMOS Sensor | Built-in PoE



**10/100BASE-TX x 1 (PoE Enabled)  
CF Card Slot x 1**

- MPEG4/MJPEG Dual-Streaming (Support Multicast)
- Support Auto-Iris Lens
- IR-Cut Removable for Day & Night
- 3GPP Mobile Surveillance
- 2-Way Audio
- Motion Detection

*Optional Accessories*  
DCS-25 (CS Mount Vari-Focus Auto Iris Lens)  
DCS-45/50/60 (Outdoor Enclosure)

**DCS-3410**

CCD Sensor | Built-in PoE



**10/100BASE-TX x 1 (PoE Enabled)**

- MPEG4/MJPEG Multiple-Streaming
- Support Auto-Iris Lens
- Night Monitoring
- 2-Way Audio
- BNC Video Output
- Motion Detection

*Optional Accessories*  
DCS-25 (CS Mount Vari-Focus Auto Iris Lens)  
DCS-45/50/60 (Outdoor Enclosure)

**DCS-3415**

Sony Progressive CCD | Built-in PoE



**10/100BASE-TX x 1 (PoE Enabled)  
18x Optical Zoom  
CF Card Slot x 1**

- MPEG4/MJPEG Dual-Streaming (Support Multicast)
- 2-Way Audio
- 3GPP Mobile Surveillance
- Samba Client for NAS
- Motion Detection
- Utility CD Included

*Optional Accessories*  
DCS-60 (Outdoor Enclosure)

**DCS-3420**

CCD Sensor | **WiFi CERTIFIED**



**10/100BASE-TX x 1  
802.11b/g**

- MPEG4/MJPEG Dual-Code
- Night Monitoring
- 2-Way Audio
- BNC Video Output
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

*Optional Accessories*  
DCS-25 (CS Mount Vari-Focus Auto Iris Lens)

**DCS-6110**

Progressive CMOS Sensor | Built-in PoE



**10/100BASE-TX x 1 (PoE Enabled)**

- MPEG4/MJPEG Dual-Streaming (Support Multicast)
- 3GPP Mobile Surveillance
- Samba Client for NAS
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

**DCS-6111**

WDR Progressive CMOS Sensor | 20-meter IR LED | Built-in PoE



**10/100BASE-TX x 1 (PoE Enabled)**

- MPEG4/MJPEG Dual-Streaming (Support Multicast)
- IR-Cut Removable for Day & Night
- 2-Way Audio
- Samba Client for NAS
- Motion Detection
- 3-Axis Mechanical Design
- HTTPS, IPv6, Privacy Mask, LLTD



## PTZ Network Cameras

D-Link PTZ network cameras feature motorized pan, tilt and digital zoom for greater remote viewing options.

**DCS-6620** and **DCS-6620G**, in addition to providing standard quality output with digital zoom, also come equipped with 10x optical zoom auto-focus/auto-iris lens for greater clarity of recordings. The 10x optical zoom lens is able to deliver high level of details required for identifying people, license plate numbers and other important information that may be difficult to view clearly with digital zoom.

## IP Surveillance Management Software

### • D-ViewCam / D-ViewCam CVS

D-Link D-ViewCam CVS is currently available in two packaging: **DCS-220** and **DCS-230**. Both packages offer users the ability to perform network management and are ideal for small and medium enterprise (SME) and campus surveillance environments.

The software offers a digital surveillance management platform for centralizing, managing, and monitoring up to 64 IP cameras using **DCS-220** or 128 IP cameras using **DCS-230**. Both versions of the software can directly manage all IP cameras across a network while at the same time working with localized installations of D-ViewCam 2.0, which is a SOHO-style surveillance system that manages up to 32 cameras. With D-ViewCam CVS, locally managed cameras can be directed to one specific area for centralized management.

### • D-ViewCam NVR

D-ViewCam NVR is a toolkit with remote client software for remote surveillance of network video recorder (NVR).

Two NVR software versions are available.

1. **DNS-722-4**: NVR Basic Playback Manager and Backup, and File Manager
2. **DNS-726-4**: NVR Pro Multi-NVR Viewer, Playback Manager and Backup, and File Manager

For more details, refer to page 33 - 34



**DCS-5300**

CCD Sensor



**10/100BASE-TX x 1**

- Support MPEG4 Streaming
- 2-Way Audio
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

*Optional Accessories*  
DCS-70 (Outdoor Enclosure)

**DCS-5300G**

CCD Sensor



**10/100BASE-TX x 1**  
**802.11b/g**

- Support MPEG4 Streaming
- 2-Way Audio
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

**DCS-5610**

Sony  
Progressive CCD

Built-in PoE



**10/100BASE-TX x 1**  
**(PoE Enabled)**  
**2.6x Optical Zoom**

- MPEG4/MJPEG Dual-Streaming (Support Multicast)
- 2-Way Audio
- 3GPP Mobile Surveillance
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

*Optional Accessories*  
DCS-70 (Outdoor Enclosure)

**DCS-6620**

CCD Sensor



**10/100BASE-TX x 1**  
**10x Optical Zoom**

- MPEG4/MJPEG Dual-Code
- 2-Way Audio
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included

*Optional Accessories*  
DCS-70 (Outdoor Enclosure)

**DCS-6620G**

CCD Sensor



**10/100BASE-TX x 1**  
**10x Optical Zoom**  
**802.11b/g**

- MPEG4/MJPEG Dual-Code
- 2-Way Audio
- Motion Detection
- Monitor 32 Cameras Concurrently
- Utility CD Included



### Network Camera Outdoor Enclosures

D-Link SecuriCam network camera enclosures provide a cost-effective solution for protecting D-Link's network cameras from the rigors of outdoor use.

The fixed enclosures include heavy-duty, angle-adjustable mounting brackets that can be used for securing the camera on a vertical or horizontal surface. These enclosures maximize the full potential of D-Link's network cameras for outdoor installations.

DCS-45



- IP66 Certified
- Water Resistance

DCS-50



- IP66 Certified
- Water Resistance
- Dust-Proof
- Built-in Power Supply

DCS-60



- IP44 Certified
- Water Resistance
- Dust-Proof
- Built-in Power Supply
- Heater & Blower

DCS-70



- IP66 Certified
- Water Resistance
- Dust-Proof
- Built-in Power Supply
- Heater & Blower
- Dome Type

### Network Video Recorders

D-Link standalone wired Network Video Recorders (NVR) support 4-channel network cameras with M-JPEG or MPEG4 recording with 2 high-speed 3.5-inch SATA hard disks for long term recording. The NVR can record video from network cameras located in local or remote sites into a dedicated HDD storage without turning on a computer.

D-Link NVR supports real-time monitoring and playback anytime anywhere via IE web browser. The multiplex function provides ongoing recording while users perform live viewing or search for playback concurrently. Complete with video management, display, and playback capabilities, D-Link NVR offers to users an effective network video recording solution that provides convenience and stability.

**DNS-722-4** supports D-Link network cameras only.

**DNS-726-4** supports D-Link, Axis, Panasonic & Sony network cameras.

DNS-722-4 | External Power Adaptor | 2 Bays for SATA HDD



**10/100/1000BASE-T x 1 USB Port for UPS Status Update**

- 4-Channel Network Camera Recording
- Real-Time Monitoring & Playback
- Scheduled Recording
- Support D-Link Network Cameras

DNS-726-4 | External Power Adaptor | 2 Bays for SATA HDD



**10/100/1000BASE-T x 1 USB Port for UPS Status Update**

- 4-Channel Network Camera Recording
- Real-Time Monitoring & Playback
- Scheduled Recording
- Support D-Link, Axis, Panasonic & Sony Network Cameras

**Network Camera Selection Matrix**

Model	10/100Mbps LAN Ports	802.11g 54Mbps 2.4GHz	802.3af PoE	Camera Type	Sensor	Lens Type	Day / Night Lens	Optical Zoom	Built-in Microphone	2-Way Audio	Sensor I/O Interface	Motorized Pan / Tilt	Motion Detection	Video Output to 3GPP	Samba Client for NAS	CF Card Slot
DCS-3110	✓		✓	Fixed	1.3 Megapixel CMOS Sensor	C/CS Mounted	✓ (with optional IR Lens)		✓	✓	✓		✓	✓	✓	✓
DCS-3410	✓		✓	Fixed	CCD Sensor	C/CS Mounted	✓ (with optional IR Lens)		✓	✓	✓		✓	✓	✓	
DCS-3415	✓		✓	Fixed	Sony Progressive CCD	Fixed		18X	✓	✓	✓		✓	✓	✓	✓
DCS-3420	✓	✓		Fixed	CCD Sensor	C/CS Mounted	✓ (with optional IR Lens)		✓	✓	✓		✓			
DCS-5300	✓			PTZ	CCD Sensor	Fixed			✓	✓	✓	✓	✓			
DCS-5300G	✓	✓		PTZ	CCD Sensor	Fixed			✓	✓	✓	✓	✓			
DCS-5610	✓		✓	PTZ	Sony Progressive CCD	Fixed		2.6X	✓	✓	✓	✓	✓	✓	✓	
DCS-6110	✓		✓	Dome	Progressive CMOS Sensor	Fixed							✓	✓	✓	
DCS-6111	✓		✓	Dome	WDR Progressive CMOS Sensor	Fixed	✓		✓	✓			✓			
DCS-6620	✓			PTZ	CCD Sensor	Fixed		10X	✓	✓	✓	✓	✓			
DCS-6620G	✓	✓		PTZ	CCD Sensor	Fixed		10X	✓	✓	✓	✓	✓			

**Network Video Recorder Selection Matrix**

Model	10/100/1000Mbps LAN Ports	USB Port for UPS Status Update	3.5" SATA HDD Bay	Supported Network Camera Brands	RAID Level	Schedule Recording	Motion Detection Recording	Lost Connection Detection	Disk Full Detection	Playback Display Mode	Playback Smart Search	IE Live Viewer	Client Live Viewer	Power Recovery Auto Boot	Disk Management
DNS-722-4	✓	1	2	D-Link	Single, RAID 0, RAID 1, JBOD	✓				1		✓		✓	✓
DNS-726-4	✓	1	2	D-Link, Axis, Panasonic, Sony	Single, RAID 0, RAID 1, JBOD	✓	✓	✓	✓	1, 4	✓	✓	✓	✓	✓



## Network Attached Storage (NAS) Enclosures

D-Link Network Attached Storage (NAS) enclosures enable the addition of disk storage devices to the network for sharing documents, files and digital media such as music, video and photographs. NAS enclosures are ideal for server deployment in office and business settings, and can add up to four internal SATA drives on a per need basis to fulfill storage requirements as the business grows. Remote access to files via the Internet is also possible through the built-in FTP server. Administrators can set access privileges for users, groups or folders according to their respective rights.



## Storage Area Network (SAN) Arrays

**DSN-2100**, **DSN-3200** and **DSN-3400** series Storage Area Network (SAN) arrays are designed to provide reliable network data storage solution for entry-level and SMB segments using the 10Gbit iSCSI System-on-a-Chip (SoC). These SAN arrays can be easily implemented as nearline storage or as a supplement to the primary backup and recovery devices.

**DSN-2100** series is able to handle over 80,000 I/Os per second and capable of supporting 8TBs raw capacity using 1TB hard drives, while **DSN-3200** and **DSN-3400** series are able to handle over 65,000 I/Os per second and support 15TBs raw capacity using 1TB hard drives.

### DNS-343

External Power Supply | 4-Bay | OLED Display Screen



**10/100/1000BASE-T x 1**  
**USB Port to Printer or UPS x 1**

- Support SATA Standard Drive
- Support Standard, JBOD, RAID 0,1,5
- Scheduled Backup
- Quota Management
- Built-in FTP Server
- Built-in UPnP AV Server
- Built-in Print Server
- Remote Backup

### DNS-346

External Power Supply | 4-Bay | OLED Display Screen



**10/100/1000BASE-T x 1**  
**USB Port to Printer or UPS x 1**

- Support SATA Standard Drive
- Support Standard, JBOD, RAID 0,1,5
- Scheduled Backup
- Quota Management
- Built-in FTP Server
- Built-in UPnP AV Server
- Built-in Print Server
- Pure NAS & iSCSI

### DSN-2100-10

Internal Power Supply | 8 Real Trays



**10/100/1000BASE-T x 4**

- RAID Support
- SATA-II
- CHAP Authentication

### DSN-3200-10

Internal Power Supply | 15 Real Trays



**10/100/1000BASE-T x 8**

- RAID Support
- SATA-II
- CHAP Authentication

### DSN-3200-20

Internal Power Supply | 15 Dummy Trays



**10/100/1000BASE-T x 8**

- RAID Support
- SATA-II
- CHAP Authentication

### DSN-3400-10

Internal Power Supply | 15 Real Trays



**10-Gigabit XFP x 1**

- RAID Support
- SATA-II
- CHAP Authentication

### DSN-3400-20

Internal Power Supply | 15 Dummy Trays

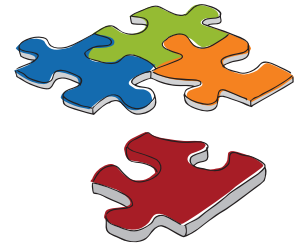


**10-Gigabit XFP x 1**

- RAID Support
- SATA-II
- CHAP Authentication

## Accessories

Product Model	Description
DSN-010	Single Real Tray
DSN-020	Single Dummy Tray
DSN-030	Power Supply for xStack Storage
DSN-040	Fan for xStack Storage
DSN-050	Battery for xStack Storage



Storage Selection Matrix

Model	NAS/ SAN	Interface	Target Nodes	Drive Bay/ Tray	Hot- Swappable Drive	RAID Support	Built-in FTP Server	Built-in UPnP AV Server	Built-in Print Server	iSCSI	Jumbo Frame	CHAP Authentication	Link Aggregation	VLAN Zoning	Volume Virtualization	Micro Rebuilds
DNS-343	NAS	10/100/ 1000BASE-T x 1	-	4		Standard RAID 0, 1, 5 & JBOD	✓	✓	✓							
DNS-346	NAS	10/100/ 1000BASE-T x 1	-	4		Standard RAID 0, 1, 5 & JBOD	✓	✓	✓							
DSN-2100-10	SAN	10/100/ 1000BASE-T x 4	1,024	8 (Real)	✓	RAID 0, 1, 1+0, 5				✓	✓	✓	✓	✓	✓	✓
DSN-3200-10	SAN	10/100/ 1000BASE-T x 8	1,024	15 (Real)	✓	RAID 0, 1, 1+0, 5 & JBOD				✓	✓	✓	✓	✓	✓	✓
DSN-3200-20	SAN	10/100/ 1000BASE-T x 8	1,024	15 (Dummy)	✓	RAID 0, 1, 1+0, 5 & JBOD				✓	✓	✓	✓	✓	✓	✓
DSN-3400-10	SAN	10-Gigabit XFP X1	1,024	15 (Real)	✓	RAID 0, 1, 1+0, 5 & JBOD				✓	✓	✓	✓	✓	✓	✓
DSN-3400-20	SAN	10-Gigabit XFP X1	1,024	15 (Dummy)	✓	RAID 0, 1, 1+0, 5 & JBOD				✓	✓	✓	✓	✓	✓	✓

## D-View 6.0 Network Management System

**D-View 6.0** provides user-friendly interface with easy access to all the features and tools from a single location. D-View is easy to learn and can help ease the administrator's task of manually creating network topology because it provides robust features for quick generation of such topology within the software. The administrator can also import or export the topology as and when required.

**DV - 600S**  
Standard Edition



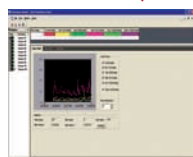
Supports standalone architecture and manages up to 1,000 nodes, suitable for small and medium businesses, as well as small enterprises.

**DV - 600P**  
Professional Edition



Supports Client-Server architecture and manages more than 1,000 nodes, suitable for small and large enterprises, telecom and ISP users.

Performance Report



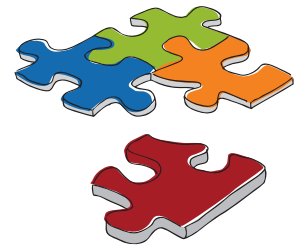
Topology Map



Features	
<b>Network Management</b>	<ul style="list-style-type: none"> <li>Automatically discovers new devices in the network</li> <li>Periodically polls network devices to monitor their status</li> <li>Provides an intuitive view of managed devices in a topology</li> <li>Supports multiple, concurrent administrators</li> <li>Integrates with all SNMP-enabled devices</li> <li>Manages wireless switches, Access Points and NetDefend products such as IPS and UTM firewalls</li> </ul>
<b>Fault / Event Management</b>	<ul style="list-style-type: none"> <li>Notifies administrator when new trap events occur through email, audio, or visual alerts</li> <li>Supports customized notifications based on severity of event</li> </ul>
<b>Device Management</b>	<ul style="list-style-type: none"> <li>The central management center for D-Link's end-to-end security solutions</li> <li>Provides backup and restoration of configuration files</li> <li>Manage third-party devices using the MIB complier and MIB browser</li> <li>Accurate, real-time inventory management</li> </ul>
<b>Performance Management</b>	<ul style="list-style-type: none"> <li>Retrives and monitors packet information for specific ports such as error rate, packet size and port flow statistics based on RMON protocol or RFC 1213 standard</li> </ul>
<b>MIB Utilities</b>	<ul style="list-style-type: none"> <li>Powerful, easy-to-use MIB complier and browser</li> <li>Support tree and list views for viewing devices in a domain</li> </ul>
<b>D-View Plug-ins</b>	<ul style="list-style-type: none"> <li>E2ES Console Plug-in</li> <li>NetDefend Plug-in</li> <li>Wireless Plug-in</li> </ul>

## D-View Plug - in

Model	Description	Products	Configuration & Management	Monitoring	Reporting
<b>E2ES Plug-in</b>	D-Link innovates comprehensive security solutions aimed to provide end-to-end threat containment and security protection solutions. D-View 6.0 E2ES Console Plug-in inherits the powerful management ability of D-View 6.0 platform and provides a central management center to manage D-Link's end-to-end security solutions. Customers can take the advantages to ease the effort of daily maintenance by D-View 6.0 platform and easily to apply the security rules, policies and specific security functions, such as IP MAC Port Binding (IMPB), ZoneDefense etc.	xStack Switch (DGS-3600, DGS-3400, DES-6500, DES-3800 & DES-3500 Series)	Integrated console for xStack Switches and NetDefend Firewalls such as IP-MAC-Port Binding (IMPB), Access Control List (ACL), 802.1X Authentication, MAC-Based Access Control (MAC), Web-Based Access Control (WAC), Lookback Detection (LBD), ZoneDefense, Port Security, Microsoft NAP	Built-in RADIUS Server/Microsoft NAP	System resource statistic Reporting for passed authentication Reporting for failed authentication Reporting for logged-in users Reporting for database backup and restore
<b>Wireless Plug-in</b>	D-Link's D-View Wireless Plug-In is a platform for managing enterprise wireless and wired LAN network. In addition to D-View's LAN management functionality, Wireless Plug-In provides a unified console for managing the broad portfolio of D-Link's Enterprise WLAN products, including Wireless Switches, Unified APs and Standalone APs. With D-View Wireless Plug-in, IT managers can control, configure and monitor all D-Link switches and Wireless APs from a single location, significantly reducing operation overhead and total cost of ownership (TCO).	Unified Switch (DWS-3024, DWS-3024L, DWS-3026, DWS-4026) Unified Access Point (DWL-3500AP, DWL-8500AP, DWL-8600AP) Standalone Access Point (DAP-2590, DWL-2700AP, DWL-3200AP, DWL-3260AP, DWL-8200AP)	Multiple Unified Switch Management. Unified AP Management. Batch configuration for APs of same model. Different templates are available to set AP configuration.	Rogue AP Detection	Display a variety of AP reports for easier management and troubleshooting, such as client association, security, AP utilization, AP channel usage
<b>NetDefend Plug-in</b>	D-View 6.0 NetDefend Plug-in inherits the powerful management ability of D-View 6.0 and provides a central management platform to manage D-Link's gateway security products. Customers can take the advantages to ease the effort of daily maintenance by D-View 6.0 platform and easily to monitor, apply the security rules, policies and specific security functions, such as VPN, UTM Services, ZoneDefense etc.	NetDefend IPS Firewall (DFL-210, DFL-800, DFL-1600, DFL-2500) NetDefend UTM Firewall (DFL-260, DFL-860, DFL-1660, DFL-2560)	Batch configuration for multiple security appliances. Built-in HTTP/HTTPS/SSH Client for Advanced Configuration.	Basic Information, system status, physical/virtual/tunnel interface, IP rules, DHCP, user authentication, traffic management, port security	CPU Load, Connection Status, Physical/Virtual/Tunnel Interface Status, IR Rule Usage, DHCP Server and Leasing Status, User Authentication, Traffic Management



## D-ViewCam CVS - IP Surveillance Management Software

D-Link D-ViewCam CVS is currently available in two packaging: DCS-220 and DCS-230. Both packages offer users the ability to perform network management and are ideal for small and medium enterprise (SME) and campus surveillance environments.




The software offers a digital surveillance management platform for centralizing, managing, and monitoring up to 64 IP cameras using DCS-220 or 128 IP cameras using DCS-230. Both versions of the software can directly manage all IP cameras across a network while at the same time working with localized installations of D-ViewCam 2.0, which is a SOHO-style surveillance system that manages up to 32 cameras. With D-ViewCam CVS, locally managed cameras can be directed to one specific area for centralized management.

### D-ViewCam CVS



- 64CH IP VIDEO MANAGEMENT SOFTWARE (DCS-220)
- 128CH IP VIDEO
- MANAGEMENT SOFTWARE (DCS-230)
- Multiple IP cameras Management.
- Multiple IP cameras Monitoring.
- Alarm log query.
- Recorded file playback.

## Free Bundle Management Software

Model	Description	Products	Configuration & Management	Monitoring	Reporting
<b>AP Manager II</b> 	D-Link AP Manager II is a management tool for enterprise and SMB to deploy, manage and monitor D-Link business AP. AP manager II provide centralized management and Multi-Configuration function with this tool IT managers can easily and effectively manage their D-Link business AP remotely.	802.11a/g AP (DWL-3200AP/8200AP, DWL-2700AP/7700AP, DWL-3260AP, DAP-3220)802.11n AP (DAP-2553/2590/3520)	Central Management Single Management tool Group Management Multi-Configuration Fault Management Performance Management	Rogue AP Detection AP Status Associated STAs/AP	Association Security Utilization Channel Sys Log
<b>D-ViewCam</b> 	D-ViewCam is a SOHO-style surveillance system which can be installed in client computer to manage up to 32 cameras.	32CH IP VIDEO MANAGEMENT SOFTWARE(DCS-100)	Multiple IP cameras Management.	Multiple IP cameras Monitoring. Alarm log query. Recorded file playback.	
<b>D-ViewCam NVR</b> 	D-ViewCam NVR is a toolkit with remote client software for remote surveillance of network video recorder (NVR).  Two NVR software versions are available. 1. DNS-722-4: NVR Basic Playback Manager and Backup, and File Manager 2. DNS-726-4: NVR Pro Multi-NVR Viewer, Playback Manager and Backup, and File Manager	DNS-722-4 DNS-726-4	View Multiple NVR at the same time, Manage multiple NVR's playback, Remote Backup the NVR recorded data	View Multiple NVR at the same time, Manage multiple NVR's playback	

## Print Servers

**DPR-1260** is a versatile wireless 108G multi-function multi-port print server ideal for office, school and business use. It provides users with the option to add multiple printers and multi-function printers to the network. **DPR-1260** provides simple configuration with high wireless network speed, enabling it to easily share multiple devices over the network while reducing the time required for sending print jobs to the print server.

### DPR-1260

External Power Supply



**10/100BASE-TX x 1**  
**802.11b/g**  
**USB 2.0 Port x 4**

- Share Multi-Function Printers
- WLAN Bridge
- Windows & Linux

## KVM Switches

D-Link KVM switches provide cost-effective solution for businesses to control multiple servers from a single set of keyboard, mouse and monitor.

D-Link DKVM-IP1 KVM Switch over IP provides remote KVM access via a LAN, a WAN, or an Internet connection to a server. It is designed for server control with VGA, PS/2 and USB support. It integrates KVM, Ethernet interface and external modem support in a one-box solution.

### DKVM-16

16-Port Keyboard, Video, Mouse (KVM) Switch | 19" Rackmount



### DKVM-8E

8-Port Keyboard, Video, Mouse (KVM) Switch



### DKVM-IP1

External Power Supply | 1-Port Keyboard, Video, Mouse (KVM) Switch



**10/100BASE-TX x 1**

- Remote Control of Servers
- 256-Bit SSL Encryption

## LAN Adapters

D-Link LAN adapters are designed for workstations to operate within a secure network environment. These adapters provide many software functionalities to enable the workstations to integrate as part of a managed network. The adapters provide the necessary bandwidth for server deployment for fast access by workstations.

D-Link offers optional remote boot ROMs for adding to LAN adapters to provide remote boot from boot servers. This function allows users to deploy the adapters in diskless workstations.

### DFE-551FX

SC



**100BASE-FX x 1**  
**Multi-Mode Fiber**  
**PCI Bus**

- Flow Control
  - 802.1Q VLAN
  - Wake-On-LAN (WOL)
- Optional BootROM:*  
DFE-551P (PXE)  
DFE-551R (RPL)

### DFE-580TX

RJ-45



**10/100BASE-TX x 4**  
**PCI Bus**

- Flow Control
- 802.1Q VLAN
- Load-sharing Aggregated Bandwidth
- MAC Controllers

### DGE-560SX

SC



**1000BASE-SX x 1**  
**PCI Express x4 Bus**

- Flow Control
- 802.1Q VLAN
- Wake-On-LAN (WOL)
- Jumbo Frame

## Power over Ethernet (PoE)

D-Link Power over Ethernet (PoE) adapters are designed to help simplify network maintenance and deployments at offices, factories and Wi-Fi hot spots. These adapters allow surveillance cameras and wireless access points to be installed on building rooftops, ceilings or high walls where wall AC outlets may be inaccessible.

### DWL-P200



**PoE Adapter Kit**  
**Base Unit +**  
**Terminal Unit for 5V or 12V**  
**Ethernet-Enabled Device**

### DWL-P50



**PoE Adapter or 5V or 12V**  
**Ethernet-Enabled Device**

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