

PRODUCT / SOLUTION
PORTFOLIO

2010

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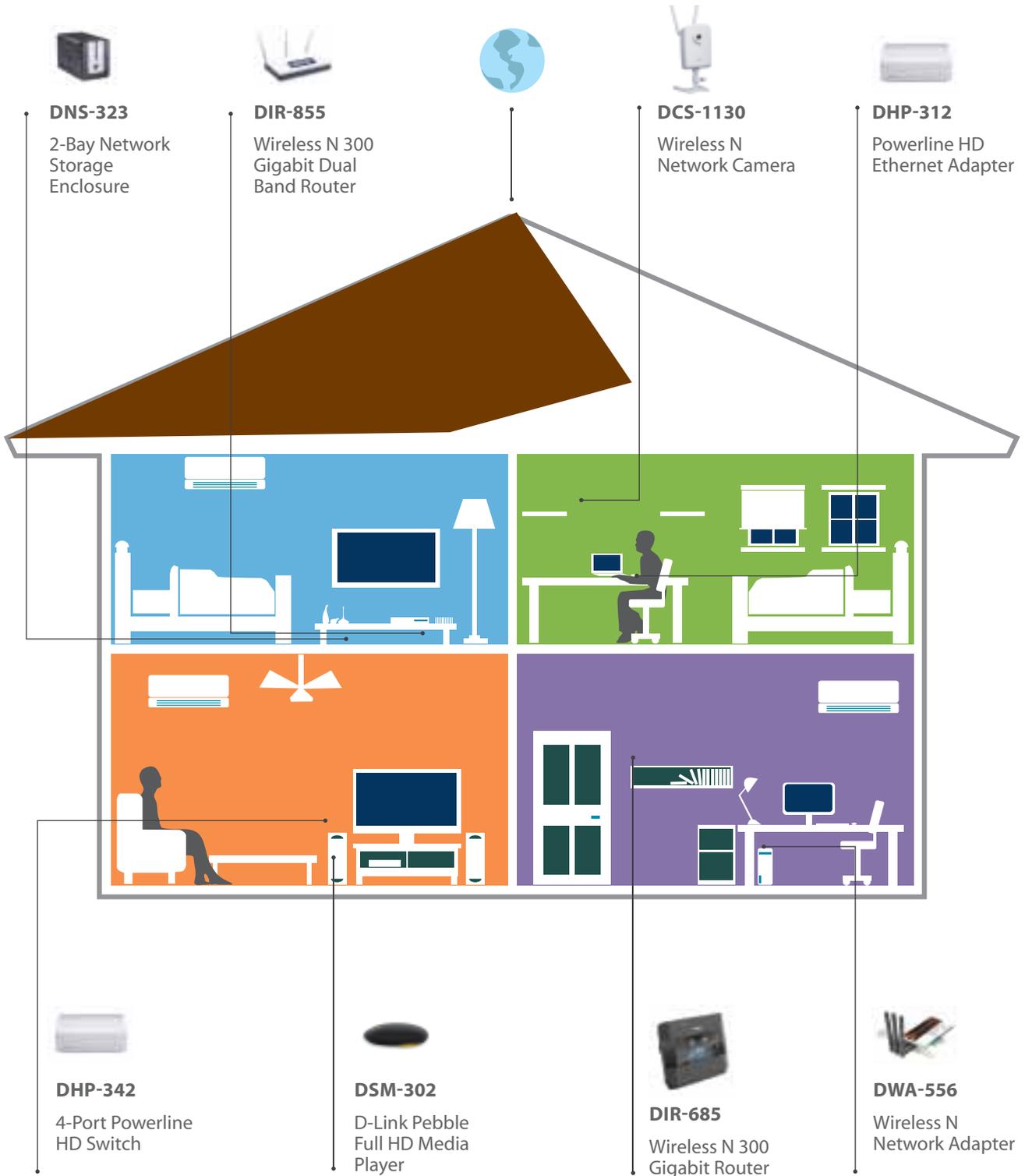
Link your Life™

Stay connected wherever you are. Get linked up to the world through digital home and media, wireless and wired networking.

Whether you are at home, at work, or traveling, you can now get access to your information, monitor your business operations, watch and hear digital video and audio, as well as view text and pictures.



Link your Life™



Store. Stream. Share.

All you need for your Digital Home Sweet Home

D-Link Digital Home Solution is a powerful suite of products and home solution that lets you share, store and stream all your digital content seamlessly. With this solution, your digital dreams can now be a reality.

The Right Tools: How We Bring It All Together

- **High-speed connection** of up to 450Mbps using 3x3 MIMO 11n technology. Stream your favorite videos and upload pictures without speed bumps.
- **Windows 7** programming creates a digital link to connect all your D-Link networking devices, such as your network camera, wireless router, storage drive and laptop.
- **DLNA (Digital Living Network Alliance)** is a revolutionary digital language that allows devices with DLNA certification to talk to each other. All you need is a network with DLNA certified products connected, and you can find, send, store, get, play and print your digital content across multiple devices.
- **NetEasy** lets you manage, monitor, automate and access your entire home network from one location with one simple interface.

Your Ultimate Home Entertainment Hub

Windows 7 technology and **DLNA** certification combined allow you to expand and revolutionize the way you do things at home with the simple touch of a button. You'll be able to:

- **Find** movies from your NAS (Network Attached Storage) and play it on your TV!
- **Share** photos from your digital camera on any TV or display screen in your network!
- **Stream** songs from your PC in the bedroom to wireless speakers anywhere in the house!

And much more!

A Whole New Way Of Living

NetEasy is a one-stop network tool with the modern home user in mind. It lets you screen, monitor, and manage all your digital home devices from any location in the world – as long as you are connected to the Internet. Automate, troubleshoot, share and store with the convenience of mobility.

- **Intelligent Troubleshooting**
Designed to help the user, NetEasy proactively checks the Internet and network connections for any possible problems, and gives you tips on how to fix them.
- **File Sharing & Storage**
Share content with your circle of closest friends and family members. You can also backup and sync all your files on the network or within the Internet.
- **Home Automation & Surveillance**
With NetEasy, automating devices while away from home has never been easier. Program devices to switch on and off on schedule or activate surveillance cameras to check in on the house when you're traveling.
- **Mobility**
Absolute freedom with no more cables! You can now monitor your home network, access your home surveillance network cameras, network storage, and other devices from a remote location like you never left home!

WIRELESS NETWORKING

An alternative to wired networking that makes use of radio waves to maintain communication channels between computers. Wireless network offers advantages of mobility and the elimination of cabling requirements. Wireless networking is rapidly growing in popularity for home and businesses. Products under this category include local area networking (WLAN) products, network adapters (NICs), antennas, access points (APs) and routers.



Wireless Distance and Speed Coverage



Wireless N Routers

Wireless N products comply with IEEE 802.11n wireless LAN standard and deliver real world performance many times faster than an IEEE 802.11g wireless connection. Users can connect a Wireless N router to a cable or DSL modem to create a secure wireless network to share Internet access. It can also share photos, files, music, video, printers, and network storage throughout a home or office. With a built-in intelligent QoS Engine, Wireless N routers provide a better Internet experience by keeping digital phone calls (VoIP), streaming multimedia applications and online gaming smooth and responsive.

DIR-605



Wireless N Router



Main Features

- 2T2R High Speed 300Mbps
- MAC/IP-based access control
- Parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 2
- Available in Yellow, Blue and Red colors

DIR-615



Wireless N Router



Main Features

- 2T2R High Speed 300Mbps
- MAC/IP-based access control
- Parental control
- Stateful Packet Inspection (SPI) firewall
- Security function can be configured by users
- Wi-Fi Protected Setup (WPS)
- IPv6 Ready

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 2

DIR-632

Wireless N Router



Main Features

- 2T2R High Speed 300Mbps
- MAC/IP-based access control
- Stateful Packet Inspection (SPI) firewall
- Security function can be configured by users
- Wi-Fi Protected Setup (WPS)

Physical Features

- 10/100BASE-TX LAN x 8
- 2dBi Non-Detachable Dipole Antenna x 2

DIR-635



Wireless N Router



Main Features

- 2T3R High Speed 300Mbps
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface
- USB Port x 1

Wireless N Routers

DIR-655



Wireless N Gigabit Router



Main Features

- 2T3R High Speed 300Mbps
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- High-Performance CPU
- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface

DIR-665

Wireless N Gigabit Dual Band Router



Main Features

- 3T3R High Speed 450Mbps
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- High-Performance CPU
- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface

DIR-685



Wireless N Gigabit Storage Router



Main Features

- 2T2R High Speed 300Mbps
- Network Access Storage (NAS)
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

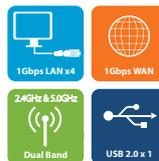
Physical Features

- High-Performance CPU
- 2dBi Internal Antenna x 2
- 2.5" SATA HDD Enclosure x 1
- 3.2" TFT LCD Digital Photo Frame

DIR-825



Wireless N Gigabit Dual Band Router



Main Features

- 2T2R High Speed 300Mbps
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)
- IPv6 Ready

Physical Features

- 2dBi Dipole Antenna x 2
- Detachable Antenna with RP-SMA Interface

DIR-855



Wireless N Gigabit Dual Band Media Router



Main Features

- 2T3R High Speed 300Mbps
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering, Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- High-Performance CPU
- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface
- OLED Display Panel

Wireless N Routers/Adapters

DGL-4500

Wireless N Dual Band Gaming Router



Main Features

- 2T3R High Speed 300Mbps
- WMM and StreamEngine Intelligent QoS technology
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)

Physical Features

- High-Performance CPU
- 2dBi Dual Band Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface

DWA-130

Wireless N USB Adapter



Main Features

- 1T2R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- Internal Antenna x 2

DWA-131

Wireless N Nano USB Adapter



Main Features

- 1T2R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- Internal Antenna x 2
- Wi-Fi Protected Setup (WPS) Button
- Compact size

DWA-140

Wireless N USB Adapter



Main Features

- 2T2R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- Internal Antenna x 2

DWA-160

Wireless N Dual Band USB Adapter



Main Features

- 2T2R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- Internal Antenna x 2

Wireless N Adapters/ Access Points

DWA-547

Wireless N PCI Desktop Adapter



Main Features

- 2T3R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface

DWA-556

Wireless N PCI Express Desktop Adapter



Main Features

- 2T3R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- 2dBi Dipole Antenna x 3
- Detachable Antenna with RP-SMA Interface

DWA-643

Wireless N ExpressCard Notebook Adapter



Main Features

- 2T2R High Speed 300Mbps
- Support Windows 7, Vista and XP

Physical Features

- Internal Antenna x 2

DWA-645

Wireless N CardBus Notebook Adapter



Main Features

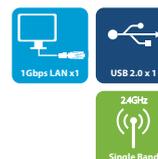
- 2T2R High Speed 300Mbps
- Support Windows 7, Vista & XP

Physical Features

- Internal Antenna x 2

DAP-1350

Wireless N Pocket Router/ Access Point



Main Features

- 2T2R High Speed 300Mbps
- Operation Modes: AP, Router, Wireless Client
- WEP/WPA/WPA2
- Wi-Fi Protected Setup (WPS)

Physical Features

- 3.5dBi Internal Antenna x 2
- Switch mode button
- Portable design

Wireless N Access Points

DAP-1360

Wireless N Access Point



Main Features

- 2T2R High Speed 300Mbps
- Operation Modes: AP, Repeater, Wireless Client, Bridge, Bridge with AP, WISP Client Router, WISP Repeater
- WEP/WPA/WPA2
- Wi-Fi Protected Setup (WPS)

Physical Features

- 2dBi Dipole Antenna x 2
- Detachable Antenna with RP-SMA Interface

DAP-1522

Wireless N Dual Band Access Point/Bridge



Main Features

- 2T2R High Speed 300Mbps
- Operation Modes: AP, Wireless Client, Auto
- Dynamic Frequency Selection
- WEP/WPA/WPA2
- Wi-Fi Protected Setup (WPS)

Physical Features

- 1.5dBi Internal Antenna x 2

Wireless N 150 Wireless G

The latest Wireless N 150 home networking technology greatly improves the speed of wireless signals up to four times faster than IEEE 802.11g, offering better reception and expanded coverage. It offers an affordable and easy way to get improved speed and range for sharing high-speed Internet, files and printers in the digital home.

D-Link Wireless N 150 router provides an ideal solution for affordably connecting multiple computers over a secure Wi-Fi network. Pairing D-Link Wireless N 150 router with D-Link Wireless N 150 adapter enables users to easily connect a computer to the wireless network for sharing Internet access and more.

DIR-600 Wireless N 150 Router



- Main Features**
- 1T1R High Speed 150Mbps
 - Network Address Translation (NAT)
 - Stateful Packet Inspection (SPI) firewall
 - Multiple PPTP/L2TP/IPSec VPN Pass-through
 - IPv6 Ready

- Physical Features**
- 2dBi Non-Detachable Dipole Antenna x 1

DIR-300 Wireless G Router



- Main Features**
- QoS traffic prioritization
 - Parental control
 - Stateful Packet Inspection (SPI) firewall

- Physical Features**
- 2dBi Non-Detachable Dipole Antenna x 1

DWA-125 Wireless N 150 USB Adapter



- Main Features**
- 1T1R High Speed 150Mbps
 - Support Windows 7, Vista and XP

- Physical Features**
- Internal Antenna x 1

DWA-126 High Power Wireless N 150 USB Adapter



- Main Features**
- 1T1R High Speed 150Mbps
 - Support Windows 7, Vista and XP

- Physical Features**
- 3dBi Dipole Antenna x 1

DWA-525 Wireless N 150 PCI Desktop Adapter



- Main Features**
- 1T1R High Speed 150Mbps
 - Support Windows 7, Vista and XP

- Physical Features**
- 2dBi Dipole Antenna x 1

Wireless Broadband

D-Link ADSL2+ routers are equipped with built-in ADSL2+ interfaces and are primarily designed for several computers at home or in an office to share Internet access. These are high-speed Internet connection devices that provide speeds of up to 24Mbps downstream and 1Mbps upstream. These speeds are suitable for high-speed multimedia Internet applications such as streaming video and voice over the Internet.

DSL-2740B Wireless N ADSL2+ Router



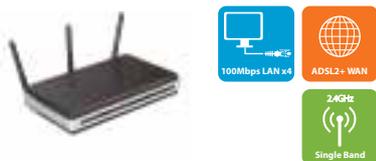
Main Features

- 2T2R High Speed 300Mbps
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 2

DSL-2740R Wireless N ADSL2+ Router



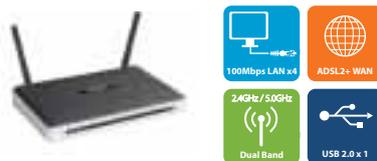
Main Features

- 2T3R High Speed 300Mbps
- MAC/IP-based access control
- Parental control
- Stateful Packet Inspection (SPI) firewall

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 3

DSL-2750B Wireless N ADSL2+ Dual Band Router



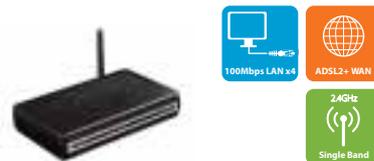
Main Features

- 2T2R High Speed 300Mbps
- D-Link's Innovative Green Ethernet technology
- Storage, Printer and 3G USB sharing
- SharePort
- MAC/IP-based access control
- Domain/URL filtering
- Scheduling parental control
- Stateful Packet Inspection (SPI) firewall

Physical Features

- 2dBi Dipole Antenna x 2
- Detachable Antenna with RP-SMA Interface

DSL-2730B Wireless N 150 ADSL2+ Router



Main Features

- 1T1R High Speed 150Mbps
- MAC/IP-based access control
- Parental control
- Stateful Packet Inspection (SPI) firewall

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 1

Wireless Broadband

DSL-2640B B3

Wireless G ADSL2+ Router



Main Features

- Stateful Packet Inspection (SPI) firewall
- WPA2-PSK and Advanced Encryption Standard (AES)
- Wi-Fi Protected Setup (WPS)
- Simple Network Management Protocol (SNMP)
- Universal Plug and Play (UPnP)
- Dynamic Domain Name System (DDNS)
- QoS traffic prioritization

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 1

DSL-2640B T1

Wireless G ADSL2+ Router



Main Features

- QoS traffic prioritization
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)
- MAC/Package filtering (IP/ICMP/TCP/UDP)

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 1

DSL-2640R

Wireless G ADSL2+ Router



Main Features

- QoS traffic prioritization
- Stateful Packet Inspection (SPI) firewall
- Wi-Fi Protected Setup (WPS)
- MAC/Package filtering (IP/ICMP/TCP/UDP)

Physical Features

- 2dBi Non-Detachable Dipole Antenna x 1

Antennas

ANT24-0230



ANT24-0401



ANT24-0501



ANT24-0501C



Frequency	2.4GHz*	2.4GHz	2.4GHz	2.4GHz
Signal Directivity	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Application Range	Indoor	Indoor Ceiling	Indoor	Indoor
Gain (Without Cable Loss)	1.8 dBi	3.5 dBi	5dBi	5dBi
Approximate Range at 1/11/54Mbps	500m / 400m / 200m / 100m / 5m **	250m / 100m / 40m	500m / 200m / 50m	500m / 200m / 60m
Half Power Beam Width	H 360 V 70	H 360 V 120	H 360 V 36	H 360 V 36
Pigtail Cable Length	1.2m	-	150cm	-
Antenna Fixed Connector	RP-SMA Plug	SMA Jack	RP-SMA Plug	RP-SMA Plug
Default Mounting Configuration	Desktop	Ceiling	Wall/Desktop/ Magnetic	Attached to AP/ Router

ANT24-0502



ANT24-0600



ANT24-0700



ANT24-0700C



Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Signal Directivity	Omnidirectional	Directional	Omnidirectional	Omnidirectional
Application Range	Indoor	Indoor	Indoor	Indoor
Gain (Without Cable Loss)	5dBi	6dBi	7dBi	7dBi
Approximate Range at 1/11/54Mbps (Using Indoor AP)	500m / 200m / 60m	600m / 250m / 80m	500m / 250m / 60m	600m / 300m / 70m
Half Power Beam Width	H 360 V 40	H 68 V 80	H 360 V 24	H 360 V 24
Pigtail Cable Length	-	150cm	150cm	150cm
Antenna Fixed Connector	RP-SMA Plug	RP-SMA Plug	RP-SMA Plug	RP-SMA Plug
Default Mounting Configuration	Attached to AP/ Router	Wall/Desktop/ Magnetic	Wall/Desktop/ Magnetic	Attached to AP/ Router

Notes:

1. Extended range reference based on RF-output power 17dBm (indoor AP) with default cable loss.
2. Transmission distance range based on two antennas of the same specs with default cable loss.
3. Effective range based on EIRP (Effected Isotropic Radiation Power = device output power + antenna gain – cable loss).
4. HPBW: Half Power Beam Width, H: horizontal plane pattern, V: vertical plane pattern
5. Actual range subject to change due to users' physical environment. All figures are for reference only.

* Use with IEEE 802.11n wireless AP, router or adapter

** Approximate range at 1/11/54/108/270Mbps

Wireless Router Selection Matrix

Model Name	DIR-300	DIR-600	DIR-605	DIR-615	DIR-632	DIR-635	DIR-655	DIR-665	DIR-685	DIR-825	DIR-855	DGL-4500
Product Image												
Product Description	Wireless G Router	Wireless N 150 Router	Wireless N Router	Wireless N Router	Wireless N Router	Wireless N Router	Wireless N Gigabit Router	Wireless N Dual Band Gigabit Router	Wireless N Gigabit Storage Router	Wireless N Gigabit Dual Band Router	Wireless N Gigabit Dual Band Media Router	Wireless N Dual Band Gaming Router
Wireless (a/b/g/n)	b/g	b/g/n	b/g/n	b/g/n	b/g/n	b/g/n	b/g/n	a/b/g/n ¹	b/g/n	a/b/g/n ²	a/b/g/n ²	a/b/g/n ²
Frequency (GHz)	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4/5.0	2.4	2.4/5.0	2.4/5.0	2.4/5.0
WAN (10/100Mbps)	1	1	1	1	1	1	-	-	-	-	-	-
WAN (10/100/1000Mbps)	-	-	-	-	-	-	1	1	1	1	1	1
LAN (10/100Mbps)	4	4	4	4	8	4	-	-	-	-	-	-
LAN (10/100/1000Mbps)	-	-	-	-	-	-	4	4	4	4	4	4
USB SharePort™	-	-	-	-	-	1	1	-	1	1	1	1
External Antenna (2dBi)	1	2	2	2	2	3	3	3	2 Internal	2	3	3
Detachable Antenna	-	-	-	-	-	Yes	Yes	Yes	-	Yes	Yes	Yes
Internet Wireless Setup Wizard	Yes	Yes	Yes	Yes	Yes	Yes						
D-Link Green	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	Yes
Internet Connection Type												
Static IP	Yes	Yes	Yes	Yes	Yes	Yes						
Dynamic IP (DHCP)	Yes	Yes	Yes	Yes	Yes	Yes						
Point-to-Point Protocol over Ethernet (PPPoE)	Yes	Yes	Yes	Yes	Yes	Yes						
Point-to-Point Tunneling Protocol (PPTP)	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Layer 2 Tunneling Protocol (L2TP)	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Virtual Server	-	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
D-Link 3G Adapter Dialup	-	-	-	-	-	Yes	Yes	-	Yes	Yes	Yes	Yes
Internet Protocol (IPv6)	-	-	-	Yes	-	-	-	-	-	Yes	-	-
Access Point (AP) Mode	-	Yes	Yes	-	-	-	-	-	-	-	-	-
Firewall Feature												
Firewall Rules	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MAC Filtering	Yes	Yes	Yes	Yes	Yes	Yes						
IP Filtering	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes
Web URL Blocking	Yes	Yes	Yes	Yes	Yes	Yes						
Keyword Filtering	-	-	Yes	-	-	Yes	-	-	-	-	-	-
Stateful Packet Inspection (SPI)	Yes	Yes	Yes	Yes	Yes	Yes						
DoS Protection	Yes	Yes	Yes	Yes	Yes	Yes						
Graphic Authentication	Yes	Yes	Yes	Yes	Yes	Yes						
Wireless Security												
Wi-Fi Protect Setup (WPS) PIN/PBC3	Yes	Yes	Yes	Yes	Yes	Yes						
Wired Equivalent Privacy (WEP)	Yes	Yes	Yes	Yes	Yes	Yes						
Wi-Fi Protected Access (WPA) & WPA2	PSK EAP	PSK	PSK EAP	PSK EAP	PSK EAP	PSK EAP	PSK EAP	PSK EAP				
Guest Zone	-	-	-	-	-	-	Yes	-	Yes	TBD	Yes	-
Scheduling on WLAN	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Networking												
System Logging & Monitoring	Yes	Yes	Yes	Yes	Yes	Yes						
Bandwidth Management	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Certification												
Wi-Fi	Yes	Yes	Yes	Yes	Yes	Yes						
Digital Living Network Alliance (DLNA)	-	-	-	-	-	-	-	-	Yes	-	-	-
Application												
Windows 7	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Xbox Live	-	-	-	-	-	Yes	Yes	-	-	Yes	Yes	Yes
FrameChannel	-	-	-	-	-	-	-	-	Yes	-	-	-
Frame It	-	-	-	-	-	-	-	-	Yes	-	-	-
BitTorrent	-	-	-	-	-	-	-	-	Yes	-	-	-

¹ Switchable Dual Band² Concurrent Dual Band³ PIN - Personal Identification Number; PBC - Push Button Configuration

Wireless Adapter Selection Matrix

Model Name	DWA-125	DWA-126	DWA-130	DWA-131	DWA-140	DWA-160	DWA-525	DWA-547	DWA-556	DWA-643	DWA-645
Product Image											
Product Description	Wireless N 150 USB Adapter	High-Power Wireless N 150 USB Adapter	Wireless N USB Adapter	Wireless N Nano USB Adapter	Wireless N USB Adapter	Wireless N Dual Band USB Adapter	Wireless N 150 PCI Desktop Adapter	Wireless N PCI Desktop Adapter	Wireless N PCI Express Desktop Adapter	Wireless N Express-Card Notebook Adapter	Wireless N CardBus Notebook Adapter
Bus Interface Type	USB 2.0	PCI 32-bit	PCI 32-bit	PCI Express	Express Card	PC Card Type II					
Wireless Standard											
802.11a	-	-	-	-	-	Yes	-	-	-	-	-
802.11b	Yes	Yes	Yes	Yes	Yes						
802.11g	Yes	Yes	Yes	Yes	Yes						
802.11n	Yes	Yes	Yes	Yes	Yes						
Operating System Support											
Windows 7	Yes	Yes	Yes	Yes	Yes						
Win Vista 32bit	Yes	Yes	Yes	Yes	Yes						
Win Vista 64bit	Yes	Yes	Yes	Yes	Yes						
Win XP	Yes	Yes	Yes	Yes	Yes						
Win XP 64bit	Yes	Yes	Yes	Yes	Yes						
Win 2000	Yes	Yes	Yes	Yes	Yes						
Win Millennium	Yes	Yes	-	-	-	-	-	-	-	-	-
Win 98 SE	Yes	Yes	-	-	-	-	-	-	-	-	-
Linux	Yes	-	Yes	Yes	Yes	Yes	-	-	-	-	-
Mac OS	-	-	Yes	Yes	Yes	Yes	-	-	-	-	-
Others											
Wi-Fi Certificate	Yes	Yes	Yes	Yes	Yes						
Security	WEP, WPA-PSK, WPA2-PSK, WPA-EAP, WPA2-EAP, 802.1X, Wireless Multimedia (WMM)										

Wireless Access Point Selection Matrix

Model	DAP-1350	DAP-1360	DAP-1522
Product Image			
Product Description	Wireless N Pocket Router/Access Point	Wireless N Access Point	Wireless N Dual Band Access Point/Bridge
Wireless Standard (a/b/g/n)	b/g/n	b/g/n	a/b/g/n
Wireless Speed	300Mbps	300Mbps	300Mbps
Wired Interface	10/100Mbps x 1	10/100Mbps x 1	10/100/1000Mbps x 4
Antenna Type	Internal Antenna x 2	2dBi Detectable Antenna x 2	Internal Antenna x 2
Operation Mode	Access Point, Wireless Client, WISP Client	Access Point, WDS, WDS with AP, Repeater, Wireless Client, WISP Client Router, WISP Repeater Mode	AP, Wireless Client
Wired Equivalent Privacy (WEP)	Yes	Yes	Yes
Wi-Fi Protected Access (WPA) & WPA2	PSK / EAP	PSK / EAP	PSK / EAP
Access Control List	Yes	Yes	Yes
Sylog	Yes	Yes	Yes
Simple Network Time Protocol (SNTP)	Yes	Yes	Yes
User Limit/Load balance	Yes	Yes	-
Quality of Service (QoS)	Yes	Yes	Yes
Traffic Management	-	-	Yes
Build in DHCP Server	Yes	Yes	-

DIGITAL HOME

Network electronic devices that help to simplify communication within a small office home office (SOHO) environment network. Products under this category include network cameras, storage device enclosures, Ethernet adapters, print servers, keyboard video mouse (KVM) switches and USB peripherals.



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.

DNS-213

1-Bay Network Storage Enclosure



Main Features

- Operate in Windows environment
- Used as NAS or Portable Hard Disk
- Built-in UPnP AV and iTunes Servers
- Built-in Secure FTP Server
- Peer-to-Peer Download
- Manage Users and Groups with Read/Write Permissions
- Protect Files with Backup Functions
- Automatic Email Notifications of Device Status
- Power management for conserving energy and extending hard drive life

Physical Features

- Up to 500GB of Storage
- Tool-less Hard Drive Installation

DNS-313



1-Bay Network Storage Enclosure



Main Features

- Operate in Windows environment
- Used as NAS or Portable Hard Disk Drive
- Built-in UPnP AV and iTunes Servers
- Built-in Secure FTP Server
- Peer-to-Peer Download by BitTorrent™
- Manage Users and Groups with Read/Write permissions
- Protect Files with Backup Functions
- Automatic Email Notifications of device status
- Power management for conserving energy and extending hard drive life

Physical Features

- Support 3.5" SATA Hard drives, up to 2000GB of storage
- High performance with Gigabit Ethernet connectivity
- Tool-less Hard Drive Installation

DNS-321



2-Bay Network Storage Enclosure



Main Features

- Operate in Windows environment, Mac OS and Linux environments
- Multiple hard drive configurations including RAID 0, RAID 1, Standard, and JBOD
- UPnP AV and iTunes servers to stream Music, Photos, and Videos
- Built-in secure FTP Server for file access over the Internet
- Support Peer-to-Peer download
- Manage users and groups with Quotas and Read/Write permissions
- Protect Files with Backup Functions
- Automatic Email Notifications of device status
- Power management for conserving energy and extending hard drive life

Physical Features

- Support 3.5" SATA Hard drives, up to 4000GB of storage
- High performance with Gigabit Ethernet connectivity
- Tool-less Hard Drive Installation

Network Attached Storage (NAS) Enclosures

DNS-323



2-Bay Network Storage Enclosure



Main Features

- Operate in Windows environment, Mac OS and Linux environments
- Multiple hard drive configurations including RAID 0, RAID 1, Standard, and JBOD
- USB Port supports D-Link SharePort™ Technology for Sharing a USB Printer or Storage over your network, also supports UPS monitoring
- UPnP AV and iTunes servers to stream Music, Photos, and Videos
- Built-in secure FTP Server for file access over the Internet
- Peer-to-Peer download engine powered by BitTorrent™
- Manage users and groups with Quotas and Read/Write permissions
- Protect Files with Backup Functions
- Automatic Email Notifications of device status
- Power management for conserving energy and extending hard drive life

Physical Features

- Support 3.5" SATA Hard drives, up to 4000GB of storage
- High performance with Gigabit Ethernet connectivity
- Tool-less Hard Drive Installation

DNS-343



4-Bay Network Storage Enclosure



Main Features

- Operate in Windows environment, Mac OS and Linux environments
- Multiple hard drive configurations including RAID 0, RAID 1, RAID 5, Standard, and JBOD
- USB Port supports Print Server and UPS monitoring
- UPnP AV and iTunes servers to stream Music, Photos, and Videos
- Built-in secure FTP Server for file access over the Internet
- Support Windows Active Directory Service
- Peer-to-Peer download engine powered by BitTorrent™
- Manage users and groups with Quotas and Read/Write permissions
- Protect Files with Backup Functions
- Automatic Email Notifications of device status
- Power management for conserving energy and extending hard drive life

Physical Features

- Support 3.5" SATA Hard drives, up to 8000GB of storage
- High performance with Gigabit Ethernet connectivity
- Tool-less Hard Drive Installation

Powerline Ethernet Adapters

Powerline transmits data on the electrical wiring and does not require any new network cables. Because power outlets are located on nearly every wall of a house, users can easily form the network and share Internet access. It is ideal for connecting home network entertainment components which are normally located near a power outlet. Any Ethernet ready devices, such as broadband routers, computers, High Definition TV, digital video recorders, game consoles, network cameras, print servers and D-Link Media Players can be added to a home network.

DHP-302



Powerline HD Ethernet Adapter



Main Features

- 3DES Encryption
- Quality of Service (QoS)
- Wall-to-wall home networking
- Create a network using your home's existing electrical wiring
- Expand your network without running new wires
- Enable Web access to computers, game consoles, and HD media players
- Support power saving mode

Physical Features

- Wall-Mount Design
- Up to 200Mbps Speed

DHP-303



Powerline HD Ethernet Starter Kit



Physical Features

- Consists of:
DHP-302 x 2
Powerline HD Network Adapter

DHP-312



Powerline HD Ethernet Adapter



Main Features

- 3DES Encryption
- Quality of Service (QoS)
- Wall-to-wall home networking
- Create a network using your home's existing electrical wiring
- Expand your network without running new wires
- Enable Web access to computers, game consoles, and HD media players
- Support power saving mode

Physical Features

- Desktop Design
- Up to 200Mbps Speed

DHP-342



Powerline HD 4-Port Ethernet Adapter



Main Features

- 3DES Encryption
- Quality of Service (QoS)
- Wall-to-wall home networking
- Create a network using your home's existing electrical wiring
- Expand your network without running new wires
- Enable Web access to computers, game consoles, and HD media players
- Support power saving mode
- Support multi-application concurrently

Physical Features

- Desktop Design
- Up to 200Mbps Speed

Powerline Ethernet Adapters

DHP-341



Powerline HD Ethernet Starter Kit



Physical Features

- Consists of:
 - DHP-312 x 1**
Powerline HD Network Adapter
 - DHP-342 x 1**
Powerline HD 4-Port Switch

DHP-306AV

Powerline HomePlug AV Network Adapter



Main Features

- 128AES Encryption
- Quality of Service (QoS)
- HomePlug AV compliant
- Wall-to-wall home networking
- Create a network using your home's existing electrical wiring
- Expand your network without running new wires
- Enable Web access to computers, game consoles, and HD media players
- Support power saving mode

Physical Features

- Wall-Mount Design
- Up to 200Mbps Speed

Network Cameras

The network cameras let users watch and listen remotely from anywhere. They connect to an Ethernet wired and wireless network at home, in a building, factory or campus, and via broadband to the Internet. Equipped with versatile features such as video zoom, audio/video recording and multi-camera monitoring, these cameras provide a comprehensive security system for surveillance of home and business premises.

DCS-910

Network Camera



Main Features

- MJPEG video format
- Support Java

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens

DCS-920

Wireless G Network Camera



Main Features

- MJPEG video format
- Support Java

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens

DCS-930

Wireless N Network Camera



Main Features

- MJPEG video format
- Motion detection
- Video output to 3GPP
- Recording to NAS
- Support Java
- Wi-Fi Protected Setup (WPS)

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens
- Built-in Microphone

DCS-1100

Network Camera



Main Features

- MJPEG, MPEG4 video format
- Motion detection
- Video output to 3GPP
- Recording to NAS
- Support Java

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens
- Built-in Microphone

Network Cameras

DCS-1130

Wireless N Network Camera



Main Features

- MJPEG, MPEG4 video format
- Motion detection
- Video output to 3GPP
- Recording to NAS
- Support Java
- Wi-Fi Protected Setup (WPS)

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens
- Built-in Microphone

DCS-2102

Network Camera



Main Features

- MJPEG, MPEG4 video format
- Motion detection
- 2-way audio
- Video output to 3GPP
- Recording to NAS
- Support Java

Physical Features

- 1/4" Megapixel CMOS Sensor
- Fixed Lens
- Built-in Microphone
- DI/DO Interface
- SD Card Slot

DCS-2121

Wireless G Network Camera



Main Features

- MJPEG, MPEG4 video format
- Motion detection
- 2-way audio
- Video output to 3GPP
- Recording to NAS
- Support Java
- Wi-Fi Protected Setup (WPS)

Physical Features

- 1/4" Megapixel CMOS Sensor
- Fixed Lens
- Built-in Microphone
- DI/DO Interface
- SD Card Slot

DCS-5220

Wireless G PTZ Network Camera



Main Features

- MPEG4 video format
- Motion detection
- Video output to 3GPP
- Recording to NAS

Physical Features

- 1/4" CMOS Sensor
- Fixed Lens
- Built-in Microphone
- Pan & Tilt

DCS-5230

Wireless N PTZ Network Camera



Main Features

- MJPEG, MPEG4 video format
- Motion detection
- 2-way audio
- Video output to 3GPP
- Recording to NAS
- Support Java
- Wi-Fi Protected Setup (WPS)

Physical Features

- 1/3" Megapixel CMOS Sensor
- Fixed Lens
- Passive Infrared (PIR) LED
- Built-in Microphone
- DI/DO Interface
- Micro SD Card Slot
- Pan & Tilt

Print Servers

The print servers allow users to share printers over the network through simple, transparent printing operation. Tested with a wide range of different printer models, D-Link print servers offer a high level of compatibility. They support multiple network Operating Systems, including Windows, Mac OS and Linux, giving users the flexibility of installing their print servers regardless of the network environment.

DP-301P+

1-Port Parallel Print Server

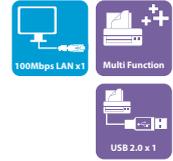


Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) protocol
- RAW printer protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)

DPR-1020

1-Port USB Multifunction Print Server



Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) protocol
- RAW printer protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)
- Support scan and fax functions of multifunction equipment

DPR-1040

1-Port USB Multifunction Wireless G Print Server

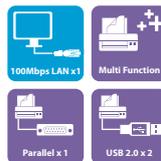


Main Features

- TCP/IP
- Line Printer Remote (LPR) protocol
- RAW printer protocol
- Internet Printing Protocol (IPP)
- Wi-Fi Protected Setup (WPS)

DPR-1061

3-Port Parallel and USB Multifunction Print Server

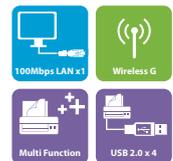


Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) protocol
- RAW printer protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)

DPR-2000

4-Port USB Multifunction Wireless G Print Server



Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) protocol
- RAW printer protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)
- Wi-Fi Protected Setup (WPS)

KVM Switches

The Keyboard, Video, Mouse (KVM) switches allow users to control several computers or servers through a single keyboard, monitor and mouse. The computers and servers are connected to a KVM switch. From a single console, users can switch back and forth among the computers with the push of a button or hot keys. It is a very cost-effective way to control multiple computers that do different tasks.

DKVM-2K

2-Port PS/2 KVM Switch



Main Features

- Control up to 2 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- 2 sets of KVM cables attached to KVM switch

DKVM-2KU

2-Port PS/2 KVM Switch with 1 USB



Main Features

- Control up to 2 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- 2 sets of KVM cables attached to KVM switch
- 1 USB2.0 Port to share USB device

KVM-121

2-Port PS/2 KVM Switch with Audio



Main Features

- Control up to 2 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- 2 sets of KVM cables attached to KVM switch
- Audio Socket for headphone/ speaker

KVM-222

2-Port USB KVM Switch with Audio



Main Features

- Control up to 2 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- Audio Socket for headphone/ speaker

KVM-225

2-Port USB KVM Switch with Data Link



Main Features

- Control up to 2 computers
- Video Resolution 2048x1536 @ 75Hz
- File sharing between computers

Physical Features

- Audio Socket for headphone/ speaker

DKVM-4K

4-Port PS/2 KVM Switch



Main Features

- Control up to 4 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- 2 sets of KVM cables provided

DKVM-4U

4-Port USB KVM Switch



Main Features

- Control up to 4 computers
- Video Resolution 2048x1536 @ 75Hz

Physical Features

- 2 sets of KVM cables provided

USB Peripherals

The USB adapters and USB hubs provide plug-and-play connection for multimedia devices and peripherals. The USB hubs allow up to 127 USB devices to be daisy chained. They offer increased functionality with additional bandwidth, allowing more peripherals to be added to computers. They also support over-current detection for connected devices. For older computers not equipped with USB ports, users can insert upgrade adapters to add USB ports to the computer system.

DUB-1040 4-Port USB2.0 Hub



Physical Features

- USB2.0 Type A Upstream Dongle x 1
- Built-in Compartment to hold fold-up dongle

DUB-2540 4-Port Network USB2.0 Center



Main Features

- Support Windows 7, Vista, XP
- Wi-Fi Protected Setup (WPS)

Physical Features

- External Power Adapter

DUB-1310 USB3.0 PCI Express Desktop Adapter



Main Features

- Support Windows 7, Vista, XP
- Data exchange rate up to 5Gbps
- Compliant with USB3.0/2.0/1.1

DUB-1320 USB3.0 ExpressCard Notebook Adapter



Main Features

- Support Windows 7, Vista, XP
- Data exchange rate up to 5Gbps
- Compliant with USB3.0/2.0/1.1

Physical Features

- External Power Adapter

Network Attached Storage (NAS) Enclosure Selection Matrix

Model	DNS-213	DNS-313	DNS-321	DNS-323	DNS-343
Product Image					
Product Description	1-Bay Network Storage Enclosure	1-Bay Network Storage Enclosure	2-Bay Network Storage Enclosure	2-Bay Network Storage Enclosure	4-Bay Network Storage Enclosure
Hardware					
Gigabit Network Port	1	1	1	1	1
USB 2.0 Host Port	-	-	-	1	1
USB 2.0 Device Port	1 (mini)	1	-	-	-
Max. Storage (Internal HDD)	1TB	2TB	4TB	4TB	8TB
Backup Solution					
Schedule Backup (From PC/NAS to NAS)	Yes	Yes	Yes	Yes	Yes
Remote Replicate (Rsync)	-	-	-	-	Yes
Cloud Backup	-	-	-	Yes	-
Download Management					
HTTP/FTP Schedule Download	Yes	Yes	Yes	Yes	Yes
P2P Download	Yes	Yes (BitTorrent)	Yes	Yes	Yes (BitTorrent)
Disk Management					
S.M.A.R.T	Yes	Yes	Yes	Yes	Yes
Power Management					
Power Saving Mode	Yes	Yes	Yes	Yes	Yes
Schedule Power Off	Yes	Yes	Yes	Yes	Yes
Auto Power Recovery	-	-	Yes	Yes	Yes
USB Port Support					
SharePort	-	-	-	Yes	-
UPS Support	-	-	-	Yes	Yes
Applications					
Add-Ons Application	Yes	Yes	Yes	Yes	Yes
D-Link 2.0	-	-	-	Yes	-
RAID Management					
RAID Type	N/A	N/A	RAID 0, 1	RAID 0, 1	RAID 0, 1, 5
Others					
Multimedia Applications	iTunes Server, FireFly, UPnP AV Server, PS3/XBOX 360			iTunes Server, FireFly, UPnP AV Server, DLNA, Win 7, PS3/XBOX 360	
Supported Clients	Windows 2000, Windows XP, Windows Vista, Windows 7, Mac OS9, Mac OSX, Linux				
Supported Web Browsers	Internet Explorer 6.0 or later, Mozilla Firefox, Apple Safari				

Print Server Selection Matrix

Model	DP-301P+	DPR-1020	DPR-1040	DPR-1061	DPR-2000
Product Image					
Product Description	1-Port Parallel Print Server	1-Port USB Multifunction Print Server	1-Port USB Multifunction Wireless G Print Server	3-Port Parallel and USB Multifunction Print Server	4-Port USB Multifunction Wireless G Print Server
Physical Interface					
Wired or Wireless	Wired	Wired	Wired & Wireless	Wired	Wired & Wireless
Wired Network Port (10/100BASE-TX)	1	1	1	1	1
Wireless LAN Specification	-	-	802.11b/g	-	802.11b/g
Wireless Data Transfer Rate	-	-	Up to 54Mbps	-	Up to 54Mbps
Print Port	1 Parallel	1 USB	1 USB	1 Parallel & 2 USB	4 USB
USB Port Specification	-	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Wireless Security					
Wired Equivalent Privacy Encryption (WEP)	-	-	Yes	-	Yes
Wi-Fi Protected Access (WPA) - Pre-Shared Key (PSK)	-	-	Yes	-	Yes
WPA2-PSK	-	-	Yes	-	Yes
Wi-Fi Protected Setup (WPS)	-	-	Yes	-	Yes
Supported Operating System					
Windows 7	Yes	Yes	Yes	Yes	Yes
Windows Vista	Yes	Yes	Yes	Yes	Yes
Windows XP	Yes	Yes	Yes	Yes	Yes
Windows 2000	Yes	Yes	Yes	Yes	Yes
Windows Millennium	Yes	Yes	-	Yes	Yes
Windows 98 SE	Yes	Yes	-	Yes	Yes
Windows NT 4.0	Yes	Yes	-	Yes	Yes
Mac OS	Yes	Yes	Yes	Yes	Yes
HP UX Unix	Yes	Yes	-	Yes	Yes
Sun Solaris	Yes	Yes	-	Yes	Yes
SCO Unix	Yes	Yes	-	Yes	Yes
IBM AIX	Yes	Yes	-	Yes	Yes
Novell NetWare 5.x NDPS	Yes	Yes	-	Yes	Yes
Linux	Yes	Yes	-	Yes	Yes
Supported Protocol					
TCP/IP	Yes	Yes	Yes	Yes	Yes
NetBEUI	Yes	Yes	-	Yes	Yes
AppleTalk / EtherTalk	Yes	Yes	-	Yes	Yes
Printing Method					
Windows LPD Printing	Yes	Yes	Yes	Yes	Yes
LPR Printing	Yes	Yes	Yes	Yes	Yes
SMB Printing	Yes	Yes	-	Yes	Yes
Internet Printing Protocol (IPP)	Yes	Yes	Yes	Yes	Yes
Peer-to-Peer Printing (PTP)	Yes	Yes	Yes	Yes	Yes
Internet Mail Printing	Yes	Yes	-	Yes	Yes
Management					
Web-Based Management	Yes	Yes	Yes	Yes	Yes
SNMP MIB-II (RFC 1213)	Yes	Yes	-	Yes	Yes
Certification					
EMC Approval	FCC, CE, C-Tick	FCC, CE, C-Tick	FCC, CE, C-Tick	FCC, CE, C-Tick	FCC, CE, C-Tick
Safety Approval	LVD	LVD	LVD	LVD	LVD

KVM Switch Selection Matrix

Model	DKVM-2K	DKVM-2KU	KVM-121	KVM-222	KVM-225	KVM-4K	DKVM-4U
Product Image							
Product Description	2-Port PS/2 KVM Switch	2-Port PS/2 KVM Switch with 1 USB	2-Port PS/2 KVM Switch with Audio	2-Port USB KVM Switch with Audio	2-Port USB KVM Switch with Data Link	4-Port PS/2 KVM Switch	4-Port USB KVM Switch
No. of PCs	2	2	2	2	2	4	4
Resolution	2048x1536	2048x1536	2048x1536	2048x1536	2048x1536	2048x1536	2048x1536
Plug and play	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch							
Switch Button	Yes	Yes	Yes	NA	Yes	Yes	Yes
Remote control	-	-	-	Yes	Yes	-	-
Hot key	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Connection to Console							
Video	D-DUB	D-DUB	D-DUB	D-DUB	D-DUB	D-DUB	D-DUB
Keyboard	PS/2	PS/2	PS/2	USB	USB	PS/2	USB
Mouse	PS/2	PS/2	PS/2	USB	USB	PS/2	USB
Audio Socket	-	-	3.5-mm	3.5-mm	3.5-mm	-	-
Microphone (Audio Socket)	-	-	-	-	3.5-mm	-	-
USB	-	1	-	2	2	-	2
KVM Cables							
Video	D-DUB Female Connector	D-DUB	D-DUB	D-DUB	D-DUB	D-DUB	D-DUB
Keyboard	PS/2	PS/2	PS/2	USB	USB	PS/2	USB
Mouse	PS/2	PS/2	PS/2	USB	USB	PS/2	USB
Audio Socket	-	-	3.5-mm	3.5-mm	3.5-mm	-	-
Microphone (Audio Socket)	-	-	-	-	3.5-mm	-	-
USB	-	1 x 2	-	1 x 2	1 x 2	-	1 x 4
Others							
Operating Systems	Windows 98SE, ME, NT4.0, 2000, XP, Vista, HP UX, Unix, Sun Solaris, SCO Unix, IBM AIX, Netware 5.x NDPS, Linux, Mac OS			Windows 2000, XP, Vista, Linux, Mac OS	Windows 2000, XP, Vista	Windows 98SE, ME, NT4.0, 2000, XP, Vista, HP UX, Unix, Sun Solaris, SCO Unix, IBM AIX, Netware 5.x NDPS, Linux, Mac OS	

DIGITAL MEDIA

Devices capable of handling digital content, such as text, pictures, audio and video. Products under this category include network media players, wireless Internet photo frames and home monitoring devices.



Network Media Players

The Network Media Players unite a home network with the home entertainment center, allowing users to share, access, and enjoy digital multimedia in the comfort of the living room. They connect to the television and let users access digital media content stored on the PC or a network attached storage, browse music files, watch videos and view digital photos. They also allow users to access online media contents on the TV through a home broadband Internet connection. Users can listen to high quality digital music on a stereo system, share digital photos with friends and family, and watch their favorite high-definition digital videos on a TV screen.

DSM-302

D-Link Pebble Full HD Media Player



Main Features

- Display available album art
- Stream media content from UPnP/AV (DLNA) NAS/server
- Play media files from external USB port or card reader

Physical Features

- SD/xD/MS Card Reader
- Remote Control
- Full HD 1080P Output
- HDMI Interface
- SPDIF Optical Audio Output
- Intuitive Animated TV Interface

DSM-350

MyChannel HD Media Player



Main Features

- Play video, photo, and music files on your TV
- Play media files on hard drive, external USB storage, or your network
- Output high-definition video at up to 720p
- Download files to hard drive
- Access to the local hard drive over a network
- MyChannel custom channel creation

Physical Features

- Remote Control
- 720P HD Output
- HDMI Interface
- 2.5" SATA HDD Interface
- Optical Digital Audio Output

DSM-380

D-Link Boxee Box Full HD Media Player



Main Features

- Built-in Boxee to play media files and run its applications on your TV
- Allow to create personal profile for Boxee
- Play media files stored on local hard drive, an external USB storage drive/player or your network
- Output high-definition video at up to 1080P

Physical Features

- Wi-Fi Protected Setup
- Full HD 1080P Output
- HDMI Interface
- Wireless Remote Control
- Optical Digital Audio Output
- SD Card Reader

Home Monitoring

Home security is very significant for every homeowner either in an individual house or an apartment. To get the absolute peace of mind whether you are at home or away you must ensure that your home is installed with a home security monitoring system. D-Link home monitoring products are designed to give you inexpensive and personalized system, easy installation, uncomplicated control anywhere, and better protection. D-Link Home Monitoring products, including Home Gateway, Sensor Detectors, and Control Units, integrate technologies of RF wireless control and broadband networking. The additional service subscription will be provided by service provider as well.

DHM-301T

Keypad



Main Features

- Armed Home, Disarm, Armed Away, and Call for Help by using keypad
- Event or Error reporting
- Beep sound

Physical Features

- RF 433MHz Operation
- AAA Battery x 2
- Back Light Illumination facilitates night-time operation
- Wall-Mount with or without screws

DHM-302T

Keyfob



Main Features

- Armed Home, Disarm, Armed Away, and Call for Help by using keyfob
- Event or Error reporting
- Beep sound

Physical Features

- RF 433MHz Operation
- AAA Battery x 1
- 2-Way Keyfob Transmitter

DHM-303T

Door/Window Contact Detector



Main Features

- Battery-operated for easy installation
- Used to monitor normally closed entry points
- Auto report of proper functioning

Physical Features

- RF 433MHz Operation
- 3V Lithium Battery x 1
- Learning Button with LED Indicator
- Wall-Mount

DHM-304T

PIR Detector



Main Features

- Battery-operated for easy installation
- Send alarm when movement detected
- Auto report of proper functioning
- Coverage up to 10 meters, 110 degrees

Physical Features

- RF 433MHz Operation
- AAA Battery x 2
- Learning Button with LED Indicator
- Wall-Mount with Adjustable Bracket

DHM-401T

Home Monitoring Gateway



Main Features

- Work with online service system
- Support up to 256 sensors

Physical Features

- RF 433MHz Operation
- External USB port for 3G, ZigBee or ZigWave Dongle x 2
- Learning Button for pairing with sensors easily
- Built-in Siren
- Rechargeable Battery (optional)

Media Player Selection Matrix

Model	DSM-302	DSM-350	DSM-380
Product Image			
Product Description	Pebble Full HD Media Player	MyChannel HD Media Player	Boxee Box Full HD Media Player
Video Output	HDMI; Composite	HDMI; Composite	HDMI
Audio Output	S/PDIF; Composite	S/PDIF; Composite	S/PDIF; Composite
Internal Hard Drive Enclosure	-	2.5" SATA Enclosure	-
Card Reader	MS/SD/xD	-	SD
USB Host	USB 2.0 x 2	USB 2.0 x 1	USB 2.0 x 2
USB Slave	-	USB 2.0 x 1	-
LAN Port	10/100BASE-T	10/100BASE-T	10/100BASE-T
Wireless	Optional	Optional	Yes
Video Resolutions	Up to 1080p	Up to 720p	Up to 1080p
IP CAM Integration	Yes	-	No
Online Photo	-	-	Yes
Internet Video/TV/Radio	-	-	BBC iPlayer, Jamendo, Joost, Last.fm, NPR, SHOUTcast, Flickr, Picasa
BitTorrent P2P	-	Yes	-
Supported Video Format	MPEG 1/2 (MPEG2-PS, MPEG2-TS, DVD VOB), WMV 7/8/9, VC1, ASF, MPEG4 AVI, DivX 4.x, DivX 5.x, Xvid (MOV, MP4), VP6/H.263, H.264, Matroska, FLV		
Supported Audio Format	MP2, MP3, WMA, AAC, WMA Pro, WMA Lossless, WAV, WMA, AAC, LPCM, OGG, Playlist		
Dolby® Digital	Yes	Yes (Pass Through)	Yes
DTS	Yes (Pass Through)	Yes (Pass Through)	Yes

WIRED NETWORKING

A network using wired cables to connect and maintain communication channels between computers to provide users the advantage of moving lots of data very quickly in a secured environment. It is typically faster than wireless networks. Products under this category include unmanaged switches and adapters, and broadband routers.



Unmanaged Fast Ethernet Switches

These unmanaged Fast Ethernet switches are Layer 2 switching devices that provide plug-and-play connection for homes and small businesses. They use the copper twisted-pair wires as the network cable, and support full/half duplex operation for 10/100Mbps speeds. These switches provide IEEE 802.3x flow control for reliable data transfer, and auto MDI/MDI-X to eliminate the need for cross over cables to simplify installation.

DES-1005A

5-Port Unmanaged Fast Ethernet Switch



Main Features

- Cost-effective model
- IEEE 802.3x Flow Control
- Auto MDI/MDI-X plug-and-play connection
- Magnetic and wall mount installation*

Physical Features

- 1Gbps Switch Capacity
- Powered through external power adapter

DES-1005D

5-Port Unmanaged Fast Ethernet Switch



Main Features

- IEEE 802.3x Flow Control
- Auto MDI/MDI-X plug-and-play connection
- Magnetic and wall mount installation*

Physical Features

- 1Gbps Switch Capacity
- Powered through external power adapter

DES-1008A

8-Port Unmanaged Fast Ethernet Switch



Main Features

- Cost-Effective Model
- IEEE 802.3x Flow Control
- Auto MDI/MDI-X plug-and-play connection
- Magnetic and wall mount installation*

Physical Features

- 1.6Gbps Switch Capacity
- Powered through external power adapter

DES-1008D

8-Port Unmanaged Fast Ethernet Switch



Main Features

- IEEE 802.3x Flow Control
- Auto MDI/MDI-X plug-and-play connection
- Magnetic and wall mount installation*

Physical Features

- 1.6Gbps Switch Capacity
- Powered through external power adapter

DES-1008I

8-Port Unmanaged Fast Ethernet Switch



Main Features

- IEEE 802.3x Flow Control
- Auto MDI/MDI-X plug-and-play connection
- D-Link's innovative Green Ethernet technology
- Metal case

- Magnetic and wall mount installation

- Security slot (using a cable lock)**

Physical Features

- 1.6Gbps Switch Capacity
- Powered through internal power supply

* Magnet is not included in shipping package.

** Cable lock is not included in shipping package.

Unmanaged Gigabit Ethernet Switches

These unmanaged Gigabit switches are Layer 2 switching devices that provide plug-and-play connection for homes and small businesses. Connecting to the existing low-cost Category 5 copper twisted-pair wires as the transmission media, these switches allow users to instantly upgrade desktop computers and servers to Gigabit capability without having to install new, expensive fiber cables. They support full duplex operation, provide IEEE 802.3x flow control for reliable data transfer, and auto MDI/MDIX to eliminate the need for cross over cables to simplify installation.

DGS-1005D

5-Port Unmanaged Gigabit Ethernet Switch



Main Features

- D-Link's innovative Green Ethernet technology
- Support Cable Diagnostics
- Support Jumbo Frame
- IEEE 802.1p QoS
- Magnetic and wall mount installation*

Physical Features

- 10Gbps Switch Capacity
- Powered through external power adapter

DGS-1008D

8-Port Unmanaged Gigabit Ethernet Switch



Main Features

- D-Link's innovative Green Ethernet technology
- Support Cable Diagnostics
- Support Jumbo Frame
- IEEE 802.1p QoS
- Magnetic and wall mount installation*

Physical Features

- 16Gbps Switch Capacity
- Powered through external power adapter

DGS-1008I

8-Port Unmanaged Gigabit Ethernet Switch



Main Features

- D-Link's innovative Green Ethernet technology
- Support Cable Diagnostics
- Support Jumbo Frame
- IEEE 802.1p QoS
- Metal case
- Magnetic and wall mount installation
- Security slot (using a cable lock)**

Physical Features

- 16Gbps Switch Capacity
- Powered through internal power supply

* Magnet is not included in shipping package.

** Cable lock is not included in shipping package.

Fast Ethernet Network Adapters

More than just for simple network interface, D-Link Fast Ethernet adapters are designed for the workstations to operate in a secure network environment. They provide many software functions to make workstations an integrated part of a managed network.

DFE-520TX

Fast Ethernet PCI Adapter



Main Features

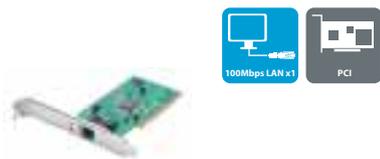
- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, Unix, Mac OS
- IEEE 802.3x Flow Control
- IEEE 802.1x Port-Based Authentication
- Plug and Play
- Auto Negotiation

Physical Features

- ACPI Wake-On-LAN power management

DFE-528TX

Fast Ethernet PCI Adapter



Main Features

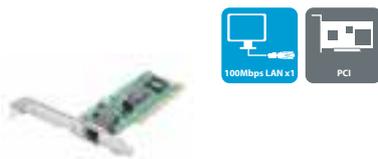
- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, Unix, Mac OS
- IEEE 802.3x Flow Control
- IEEE 802.1x Port-Based Authentication
- Plug and Play
- Auto Negotiation

Physical Features

- ACPI Wake-On-LAN power management

DFE-530TX

Fast Ethernet PCI Adapter



Main Features

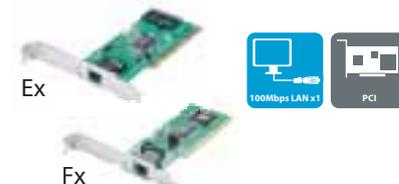
- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, IBM LAN, Sun PC-NFS, FTP PC/TCP, Linux
- IEEE 802.1x Port-Based Authentication
- Standard and low profile brackets are available

Physical Features

- ACPI Wake-On-LAN power management
- Socket for optional remote boot ROM
- Optional Accessories:
 - DFE-534R3 (RPL Boot ROM)
 - DFE-534P3 (PXE Boot ROM)

DFE-538TX

Fast Ethernet PCI Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, IBM LAN, SCO Open, Linux
- IEEE 802.3x Flow Control

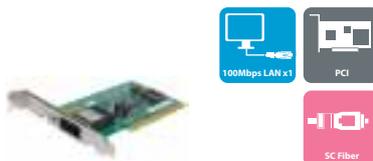
Physical Features

- ACPI Wake-On-LAN Power Management
- Socket for optional remote boot ROM
- Optional Accessories:
 - DFE-538R (RPL Boot ROM for vFx)
 - DFE-538P (PXE Boot ROM for vFx)

Fast Ethernet Network Adapters

DFE-551FX

Fast Ethernet Fiber PCI Adapter



Main Features

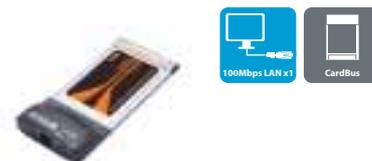
- Support Windows 7, Server 2008, Vista, XP
- Support Mac OS, NetWare, Linux
- IEEE 802.1p Priority Queues
- IEEE 802.1Q VLAN
- Standard and low profile brackets are available

Physical Features

- Up to 2km multi-mode fiber cable distance
- ACPI Wake-On-LAN power management
- Socket for optional remote boot ROM
- Optional Accessories:
 - DFE-551R (RPL Boot ROM)
 - DFE-551P (PXE Boot ROM)

DFE-690TXD

Fast Ethernet CardBus Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, NCSA, Linux
- Auto Negotiation

Physical Features

- PCMCIA Type II 32-Bit CardBus
- Low laptop PC battery power consumption

Gigabit Ethernet Network Adapters

The Gigabit adapters bring Gigabit network speed to the desktop PC and servers. On the high-end are the Gigabit fiber PCI Express x4 high-performance adapters that let businesses take advantage of the PCI Express (PCIe) slots of their servers to enhance network performance with fiber-optic connectivity. The adapters' dedicated input/output (I/O) bandwidth PCIe ensures priority performance without bus sharing for Gigabit Ethernet connectivity in fiber-optic networks.

DGE-528T

Gigabit PCI Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, Linux, Mac OS
- IEEE 802.1Q VLAN Tagging
- Standard and low profile brackets are available

Physical Features

- 8KB Transmit / 64KB Receive FIFO to reduce PC overhead
- ACPI Wake-On-LAN power management
- Socket for optional remote boot ROM
- Optional Accessories:
 - DGE-528R (RPL/PXE Boot ROM)

DGE-530T

Gigabit PCI Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, Linux, Mac OS
- IEEE 802.1p Priority Queue
- IEEE 802.1Q VLAN
- Built-in MIB for SNMP Management
- Standard and low profile brackets are available

Physical Features

- ACPI Wake-On-LAN power management

DGE-560SX

Gigabit Fiber PCI Express x4 Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support Linux
- ACPI 2.0 Power Management
- 9K Bytes Jumbo Frame
- IEEE 802.1p Priority Queue
- IEEE 802.1Q VLAN
- Built-in MIB for SNMP Management
- Laser Eye Safety Certified

Physical Features

- Up to 550m multi-mode fiber cable length

DGE-660TD

Gigabit CardBus Adapter



Main Features

- Support Windows 7, Server 2008, Vista, XP
- Support NetWare, NCSA, Linux

Physical Features

- 8KB Transmit/64KB Receive FIFO to reduce PC overheads
- Low laptop PC battery power consumption

Broadband Routers

DIR-100

4-Port Router



Broadband router is an affordable gateway that connects to DSL or cable modems for sharing of Internet connection among a group of home or office computers. Combining basic Internet gateway functions with firewall protection and user access control, they offer home and small offices a cost-effective way to install a secure Internet link to the outside world.

Main Features

- Internet Group Management Protocol (IGMP)
- Quality of Service (QoS) for priority VoIP traffic
- Online games
- Built-in firewall
- Parental control

Unmanaged Fast Ethernet Switch Selection Matrix

Model	DES-1005A	DES-1005D	DES-1008A	DES-1008D	DES-1008I
Product Image					
Product Description	5-Port Unmanaged Fast Ethernet Switch	5-Port Unmanaged Fast Ethernet Switch	8-Port Unmanaged Fast Ethernet Switch	8-Port Unmanaged Fast Ethernet Switch	8-Port Unmanaged Fast Ethernet Switch
Network Port (10/100BASE-TX)	5	5	8	8	8
Switch Capacity	1Gbps	1Gbps	1.6Gbps	1.6Gbps	1.6Gbps
802.3x Flow Control	Yes	Yes	Yes	Yes	Yes
D-Link Green Technology	-	-	-	-	Yes
Cable Diagnostics	-	-	-	-	Yes
Power Supply	External	External	External	External	Internal
Case Material	Plastic	Plastic	Plastic	Plastic	Metal
Security Lock*	-	-	-	-	Yes

* Cable lock is not included in shipping package

Unmanaged Gigabit Ethernet Switch Selection Matrix

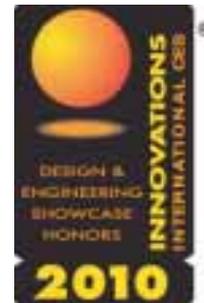
Model	DGS-1005D	DGS-1008D	DGS-1008I
Product Image			
Product Description	5-Port Unmanaged Gigabit Ethernet Switch	8-Port Unmanaged Gigabit Ethernet Switch	8-Port Unmanaged Gigabit Ethernet Switch
Network Port (10/100/1000BASE-T)	5	8	8
Switch Capacity	10Gbps	16Gbps	16Gbps
802.3x Flow Control	Yes	Yes	Yes
802.1p Quality of Service (QoS)	Yes	Yes	Yes
Jumbo Frame	Yes	Yes	Yes
D-Link Green Technology	Yes	Yes	Yes
Cable Diagnostics	Yes	Yes	Yes
Power Supply	External	External	Internal
Case Material	Plastic	Plastic	Metal
Security Lock*	-	-	Yes

* Cable lock is not included in shipping package

Network Adapter Selection Matrix

Model	DFE-520TX	DFE-528TX	DFE-530TX	DFE-538TX	DFE-551FX	DFE-690TXD	DGE-528T	DGE-530T	DGE-560SX	DGE-660TD
Product Image										
Product Description	Fast Ethernet PCI Adapter	Fast Ethernet Fiber PCI Adapter	Fast Ethernet CardBus Adapter	Gigabit PCI Adapter	Gigabit PCI Adapter	Gigabit Fiber PCI Express x4 Adapter	Gigabit CardBus Adapter			
Network Interface										
IEEE 802.3u 100BASE-TX	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
IEEE 802.3ab 1000BASE-T	-	-	-	-	-	-	Yes	Yes	-	Yes
IEEE 802.3z 1000BASE-SX	-	-	-	-	-	-	-	-	Yes	-
Data Transfer Rate	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps	100 Mbps	10/100 Mbps	10/100/ 1000 Mbps	10/100/ 1000 Mbps	1000 Mbps	10/100/ 1000 Mbps
Hardware Specification										
Bus Interface	PCI	PCI	PCI	PCI	PCI	CardBus	PCI	PCI	PCI Express x4	CardBus
Low Profile PCI	-	-	Yes	-	Yes	-	Yes	Yes	-	-
Wake on LAN (WOL)	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-
Plug and Play	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Negotiation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto MDI/MDI-X	-	-	-	-	-	-	Yes	Yes	Yes	Yes
Full Duplex Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jumbo Packet Support	-	-	-	-	-	-	Yes (7K)	Yes (9K)	Yes (9K)	Yes (3K)
802.3X Flow Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
802.1p Priority Queue	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes
802.1Q VLAN (Groups)	-	-	-	-	Yes (32)	-	Yes (64)	Yes (64)	Yes (64)	Yes (64)
802.1X Authentication	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Advanced Configuration and Power Interface (ACPI)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Simple Network Mgt Protocol (SNMP) v1	-	-	-	-	Yes	-	-	Yes	Yes	-
Driver Support										
Windows 7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows Server 2008	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows Vista x64	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows Server 2003	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	-
Windows XP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows 2000	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows 98 SE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows NT 4.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
Windows 95	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-
Mac OS	Yes (10.2)	Yes (8.5, 8.6, 9.0, 9.1, 10.1)	Yes (10.2)	Yes (10.2)	Yes (10.2)	Yes (8.5, 8.6, 9.0, 9.1)	Yes (10.2, 10.3, 10.4)	Yes (10.2)	Yes (10.2)	-
Linux Kernel	Yes (2.4.x, 2.6.x)	Yes (2.2.x)	Yes (2.4.x, 2.6.x)	Yes (2.4.x, 2.6.x)	Yes (2.4.x, 2.6.x)	Yes (2.2.x)	Yes (2.4.x, 2.6.x)	Yes (2.4.x, 2.6.x)	Yes (2.4.x, 2.6.x)	-
Linux RedHat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
Novell Netware Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
Novell Netware DOS ODI Client	Yes (5.x, 6.x)	Yes (3.12, 4.1x, 5.0)	Yes (5.x, 6.x)	Yes (5.x, 6.x)	Yes (5.x, 6.x)	Yes (3.12, 4.1x, 5.0)	Yes (4.x, 5.x, 6.x)	Yes (4.x, 5.x, 6.x)	Yes (4.x, 5.x, 6.x)	-
SCO Unix 5.0x	-	Yes	-	-	-	-	-	-	-	-
NDIS	Yes (2.x, 3.x, 4.x, 5.x)	Yes (2.x, 4.x, 5.x, 6.x)	Yes (2.x, 4.x, 5.x, 6.x)	Yes (2.x, 4.x, 5.x, 6.x)	Yes (5.x, 6.x)	Yes (5.x, 6.x)				
FreeBSD	-	-	-	-	-	-	-	Yes (5.3, 6.0)	Yes (5.3, 6.0)	-

PRODUCT HIGHLIGHTS



Home Monitoring

You can now take a load off worrying about what's happening at home while away from home! Just get hold of D-Link's affordable, reliable and easy-to-use Home Monitoring Kit, and you'll be notified immediately by text, email or voice-call when something suspicious is going on at your home.

Solution Benefits

- Flexible monitoring system, perfect for home security and Telecare
- Contents in Kit: one Home Monitoring Gateway, one Wireless Motion Sensor, one Wireless Door/Window Sensor, and one Wireless Keypad
- Add more components easily and as necessary to tailor your Kit to meet your unique needs



Home Monitoring System
Home Security
Immediate Notification
Battery Operated

DSM-302 Pebble

You can now enjoy and spend more fun-filled hours with your family by maximizing the power of your television! Get hold of the D-Link Pebble™, pull your videos, music and photos from your PCs, thumb drives and network storage for viewing on your TV comfortably and conveniently! Even better, watch all the multimedia and TV channels with only a single remote control. You can also monitor your D-Link surveillance cameras right from your TV with the D-Link Pebble™.

Solution Benefits

- Control all your multimedia files through an easy TV interface and remote control
- Combine TV channels and multimedia content with additional TV tuner dongle.
- Enjoy HD video playback with digital surround sound
- Access your media files directly from your USB thumb drives, memory cards, network attached storage and PCs or the Internet
- View live video from D-Link network surveillance cameras



Optical Audio
SD/xD/MS Card Reader
Remote Control
Full HD 1080P Output
HDMI

DSM-380 Boxee Box

Ever wish you could get all the great entertainment from the Internet and your PC hard drive onto your TV? Now you can with Boxee! Boxee is cross-platform freeware media center software with social networking features and a user interface designed for the living-room TV! With the Boxee Box by D-Link, you can now access to all your favorite TV shows and movies from the Internet or from your hard drive on your TV without the PC! So get comfortable on your couch and grab your remote control to find out what's in store for you and your family!



Solution Benefits

- Watch thousands of on-line and off-line popular TV shows and movies direct from your PC hard drive and the Internet on your TV
- Use the remote control to pick and choose the best of digital entertainment without keyboard and mouse
- Play any non-DRM media
- Connect the Boxee Box to your HDTV as easy as hooking up a DVD player



HDMI
Optical Audio
RCA Stereo Audio
WiFi (802.11n)
Ethernet
2 USB Ports
SD Card Slot
Remote Control
QWERTY Keyboard

DIR-627 Wireless N Open Source Router

Open source platform enables customization of features and applications. It runs open source firmware and requires installation of third party software package. Above all, it can communicate with other devices for special programmable implementation through the RS-485 connector.



Solution Benefits

- Open source Wireless N router for Linux developers and open source experts
- Software flexibility to choose solution that is most suitable
- Communicates with other devices through RS-485 connector

DIR-632 Wireless N Router

Connecting DIR-632 Wireless N router to your cable or DSL modem allows you to share your high speed Internet connection with both wired and wireless computers in your network. It has eight Ethernet ports for connecting eight devices in your network without incurring extra costs for additional Ethernet switches.



Solution Benefits

- High speed 11n wireless connectivity
- Shares Internet access with PCs, game consoles, and media players
- Built-in QoS engine enhances Internet experience

DIR-815 Wireless N Dual Band Router

Dual band capability enables this router to operate at 2.4GHz and 5GHz frequency bands like two routers in one. This allows you to check e-mails and browse the Internet using the 2.4GHz band while simultaneously streaming high-definition (HD) movies and other media on the 5GHz band. Moreover, the SharePort technology allows you to connect a USB printer or storage to share it throughout your network.

Solution Benefits

- Simultaneous dual band wireless in both 2.4GHz and 5GHz
- Includes SharePort™ technology for sharing USB devices like printers and storage over your network
- Optimized for HD video streaming
- Prioritizes all network traffic for uninterrupted performance



DIR-865 Wireless N Dual Band Media Router

DIR-865 blends advanced features to make it an economical and attractive router for homes or small businesses with ever-growing multimedia applications.

Solution Benefits

- A 3.2-inch interactive touch screen for easy setup, configuration and management
- Concurrent dual band capabilities provide faster streaming of HD content and Internet surfing
- Up to 450Mbps speed and uses both 2.4GHz and 5GHz bands



DIG-1320 Wireless N Powerline HD Router

DIG-1320 HD router features a HomePlug® AV Powerline to eliminate additional costs for network cabling by using existing power lines in your home or office.

Solution Benefits

- Powerline feature making it a data-over-power line device to eliminate extra cable-laying and costs
- Operate as a router or an AP bridge
- UPnP provides seamless connection and simplifies network implementation



DAP-1560 Wireless N Dual Band HD MediaBridge

A dual band HD mediabridge that supports AP and wireless client bridge operation modes. DAP-1560 is a device that allows you to connect to your existing router at home to boost data speed to 600Mbps.

Solution Benefits

- Up to 600Mbps speed and extensive signal coverage with extreme 4x4 antenna 802.11n technology
- Dynamic Frequency Selection (DFS) to provide the best available connection quality
- Optimize for HD video streaming
- Wireless connectivity to Ethernet-enabled devices such as game consoles



DWA-121 Wireless N 150 Compact USB Adapter

An ultimate compact size USB adapter that features the latest Wireless N 150 home networking technology, DWA-121 connects your laptop or desktop computer to a Wi-Fi network at up to four times faster than IEEE 802.11g and offers better reception and expanded coverage.

Solution Benefits

- Ultimate compact size makes it portable
- Compatible with Windows 7, Vista and XP operating systems
- Excellent solution for performing daily activities such as transferring files, browsing the Internet, and downloading music.



DCS-930 Wireless N Network Camera

DCS-930 network camera allows you to watch and listen remotely from anywhere, providing comprehensive security for surveillance of home and office premises. Now you can travel away from your property and yet be able to keep an eye on it.

Solution Benefits

- Motion detection feature to allow the camera to start recording when it detects a movement
- Built-in microphone to allow remote users to listen to an area while viewing it live or recorded
- Wi-Fi Protected Setup (WPS) to simplify the process of security configuration on wireless networks



DNS-213 1-Bay Network Attached Storage Enclosure

Portable DNS-213 network attached storage enclosure combines portable hard disk and network attached storage in one device. It provides additional disk space through the network or USB connection to share documents, files, and digital media with everyone between your home and friends.

Solution Benefits

- Can be used as a network attached storage (NAS) or a portable hard disk drive directly attached to PC USB port
- P2P support for file sharing and download
- Built-in FTP server enables remote file access from Internet and keep data safe by only giving rights to specific users or groups



DUB-1040 4-Port USB2.0 Hub

USB hub provides plug-and-play connection for multimedia devices and peripherals. DUB-1040 has a USB2.0 Type A upstream dongle, four downstream ports and a built-in compartment to hold fold-up dongle.

Solution Benefits

- Connect up to four USB devices
- Secure and neat storage of dongle
- Stylish pocket-sized, lightweight, and easy to carry



DGS-1005D/DGS-1008D Unmanaged Gigabit Ethernet Switch

Layer 2 switches that provide plug-and-play connection for homes and small businesses. These switches allow you to instantly connect to computers and servers with Gigabit capability. DGS-1005D and DGS-1008D have 10Gbps and 16Gbps switch capability respectively, and support D-Link's innovative Green Ethernet technology.

Solution Benefits

- Power savings when device is not in use
- Desktop or wall-mount design
- Non-blocking architecture



Network Camera Selection Matrix

Model	Fixed Network Camera										PTZ Network Camera				Fixed Dome Camera				PTZ Dome Camera	
	DCS-3110	DCS-3410	DCS-3411	DCS-3415	DCS-3430	DCS-3710	DCS-7410	DCS-7510	DCS-5300	DCS-5300G	DCS-5605	DCS-5610	DCS-5635	DCS-6110	DCS-6111	DCS-6410	DCS-6815	DCS-6817	DCS-6818	
Image Sensor	1/4" 1.3 Megapixel Progressive Color CMOS	1/3" CCD	1/4" CMOS	1/4" Sony Progressive Scan CCD	1/4" CMOS	1/3" 1.3 Megapixel WDR Progressive Scan CMOS	1/3" Color CCD	1/3" Color CCD	1/4" Color CCD	1/4" Color CCD	1/3" Samsung De-Interlace CCD	1/4" Sony Progressive Color CCD	1/3" Samsung De-Interlace CCD	1/4" VGA Progressive CMOS	1/4" WDR VGA CMOS	1/3" CCD	1/4" Sony Exview CCD	1/4" Sony Exview CCD	1/4" Sony Exview CCD	
Lens	Vari-Focal DC-Iris CS Mount 4.5~10mm F1.6	CS Mount 6mm/F1.6	CS Mount 6mm/F1.8	Fixed 4.1~73.8mm F1.4~F3.0	CS Mount 6mm/F1.8	Vari-Focal DC Iris 2.8~12mm F1.3	Fixed 12mm/F1.4	Vari-Focal Auto-Iris 9~22mm F1.5-360	Fixed 3.4mm/F2.0	Fixed 3.4mm/F2.0	Fixed 3.8~38mm F1.8	Fixed 2.8~7.3mm F1.9-F200	Fixed 3.8~38mm F1.8	Vari-Focal Board Mount 3.7~12mm F1.4~F2.8	Vari-Focal Board Mount 3.3~12mm F1.4~F2.9	Fixed 4.3mm/F1.6	Auto Iris 3.4~61.2mm F1.4~F3.0	Auto Iris 3.4~102mm F1.4~F3.0	Auto Iris 3.4~122.4mm F1.4~F3.0	
Minimum Illumination / Light Sensitivity (Lux)	1.5 Lux	0.3 Lux (typical), 0 Lux (10m with IR Lens)	0.5 Lux (typical), 0 Lux (10m with IR Lens)	1.61 Lux (typical), 0.38 Lux (with ICR On)	0.5 Lux (typical), 0 Lux (10m with IR Lens)	0.1 Lux (Color) 0.02 Lux (B/W)	0.7 Lux	1 Lux	1 Lux	1 Lux	0.7 (Color) 0.02 (B/W)	0.1 Lux (typical), 0 Lux (15m with IR Lens)	0.7 (Color) 0.02 (B/W)	1.5 Lux	1.5 Lux	0.1 Lux (typical), 0 Lux (15m with IR Lens)	0.1 Lux (Color) 0.01 Lux (B/W)	0.1 Lux (Color) 0.01 Lux (B/W)	0.1 (Color) 0.01 (B/W)	
Angle of View (Horizontal/Vertical)	80.5°~37° / 60°~28°	45° / 34°	41° / 31°	48°~2.8° / -	41° / 31°	102.2°~23.7° / -	22° / 17°	31°~13° / 23°~10°	53° / 46°	53° / 46°	51°~6° / 40°~4°	73.4°~28.7° / 54.7°~21.6°	51°~6° / 40°~4°	77°~23° / 57°~17°	63°~18° / 47°~13°	73.1° / 55.3°	60.8°~3.6° / -	60.8°~2.2° / -	60.8°~1.8° / -	
Pan/Tilt	-	-	-	-	-	-	-	-	+/-135° / +90°~45°	+135°~135° / +90°~45°	+165°~165° / +87°~34°	+150°~150° / +90°~45°	+165°~165° / +87°~34°	-	-	+170°~170° / +60°~15° (Manual)	256 Presets Auto Cruise 5~400° Preset Speed	256 Presets Auto Cruise 5~400° Preset Speed	256 Presets Auto Cruise 5~400° Preset Speed	
Zoom Ratio	4x Digital	16x Digital	16x Digital	4x Digital 18x Optical	16x Digital	10x Digital	16x Digital	16x Digital	4x Digital	4x Digital	16x Digital 10x Optical	4x Digital 2.6x Optical	16x Digital 10x Optical	4x Digital	4x Digital	16x Digital	12x Digital 18x Optical	12x Digital 30x Optical	12x Digital 36x Optical	
Max. Video Resolution (Pixels)	1280 x 1024 (MJPEG) 640 x 480 (MPEG-4)	704 x 480 (NTSC) 704 x 576 (PAL)	704 x 480 (NTSC) 704 x 576 (PAL)	640 x 480	704 x 480 (NTSC) 704 x 576 (PAL)	1280 x 960	720 x 480 (NTSC) 720 x 576 (PAL)	720 x 480 (NTSC) 720 x 576 (PAL)	704 x 480 (NTSC) 704 x 576 (PAL)	704 x 480 (NTSC) 704 x 576 (PAL)	720 x 480 (NTSC) 720 x 576 (PAL)	640 x 480	720 x 480 (NTSC) 720 x 576 (PAL)	640 x 480	640 x 480	704 x 480 (NTSC) 704 x 576 (PAL)	720 x 480 (NTSC) 720 x 576 (PAL)	720 x 480 (NTSC) 720 x 576 (PAL)	720 x 480 (NTSC) 720 x 576 (PAL)	
Video Compression	MPEG-4 / MJPEG	MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	H.263+ (MPEG-4 Short Header Mode)	H.263+ (MPEG-4 Short Header Mode)	H.264 / MPEG-4 / MJPEG	MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	MPEG-4 / MJPEG	
Dual Stream	Yes	-	-	Yes	-	-	-	-	-	-	-	Yes	-	Yes	Yes	-	-	-	-	
Multi-Profile	-	Yes	Yes	-	Yes	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	-	-	-	
Frame Rate (fps)	30	30 (NTSC) 25 (PAL)	30 (NTSC) 25 (PAL)	30	30 (NTSC) 25 (PAL)	30	30 (NTSC) 25 (PAL)	30 (NTSC) 25 (PAL)	30	30	30 (NTSC) 25 (PAL)	30	30 (NTSC) 25 (PAL)	30	30	30 (NTSC) 25 (PAL)	30 (NTSC) 25 (PAL)	30 (NTSC) 25 (PAL)	30 (NTSC) 25 (PAL)	
Video Bit Rate Range	20kbps~4Mbps	64kbps~2Mbps	64kbps~2Mbps	20kbps~4Mbps	64kbps~2Mbps	64kbps~8Mbps	64kbps~2Mbps	64kbps~2Mbps	64kbps~1.2Mbps	64kbps~1.2Mbps	64kbps~2Mbps	64kbps~4Mbps	64kbps~2Mbps	20kbps~4Mbps	20kbps~4Mbps	64kbps~2Mbps	Up to 3Mbps	Up to 3Mbps	Up to 3Mbps	
3A Control ¹	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AES / AGC / AWB	AGC / AF / AWB	AGC / AF / AWB	AGC / AF / AWB
Wide Dynamic Range (WDR)	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	Yes	-	Yes	Yes	Yes	
Day & Night	ICR Filter	Dual-Band Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter	Dual-Band Filter IR LEDs (30m)	ICR Filter IR LEDs (50m)	-	-	ICR Filter	-	ICR Filter	Dual-Band Filter	ICR Filter IR LED (20m)	Dual-Band Filter IR LED (15m)	ICR Filter Dual-Band Filter	ICR Filter Dual-Band Filter	ICR Filter Dual-Band Filter	
Audio Support	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Line In/Out	• 2-Way Audio • Line In/Out	• 2-Way Audio • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	• 2-Way Audio • Built-in Microphone • Line In/Out	-	• 2-Way Audio • Line In/Out	• 2-Way Audio • Line In/Out	-	-	-	
Audio Codec ²	AAC / AMR	AMR / ADPCM	AMR / ADPCM	AAC / AMR	AMR / ADPCM	ADPCM	AMR / ADPCM	AMR / ADPCM	ADPCM	ADPCM	AMR / ADPCM	AMR / ADPCM	AAC / AMR	AMR / ADPCM	-	AAC / AMR	AMR / ADPCM	-	-	
Audio Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-	
Intelligent Video	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	• Motion Detection • Event Triggered Recording	
Network Security	• Multi-Level Password • HTTP & RTSP Digest Encryption • IP Filtering	• Administrator & User Group Protected • Password Authentication	• Administrator & User Group Protected • Password Authentication	• Multi-Level Password • HTTP & RTSP Digest Encryption • IP Filtering	• Administrator & User Group Protected • Password Authentication	• Administrator & User Group Protected • Password Authentication	• Administrator & User Group Protected • Password Authentication	• Administrator & User Group Protected • Password Authentication	• Multi-Level Password	• Multi-Level Password	• Administrator & User Group Protected • Password Authentication	• Multi-Level Password • HTTP & RTSP Digest Encryption • IP Filtering	• Administrator & User Group Protected • Password Authentication	• Multi-Level Password • HTTP & RTSP Digest Encryption • IP Filtering	• Administrator & User Group Protected • Password Authentication	• Multi-Level Password • HTTP & RTSP Digest Encryption • IP Filtering	• Administrator & User Group Protected	• Administrator & User Group Protected	• Administrator & User Group Protected	• Administrator & User Group Protected
Privacy Masking	-	-	-	-	-	3 Zones	-	-	-	-	3 Zones	-	3 Zones	-	5 Zones	-	16 Zones	16 Zones	16 Zones	
Storage Support	Direct to NAS or CF Card	Direct to NAS	Direct to NAS or SD Card	Direct to NAS or CF Card	Direct to NAS or SD Card	Direct to NAS or SD Card	Direct to NAS	Direct to NAS	-	-	Direct to NAS or MicroSD Card	Direct to NAS	Direct to NAS or MicroSD Card	Direct to NAS	Direct to NAS	Direct to NAS	-	-	-	
Mobile Video Surveillance	3GPP	3GPP	3GPP	3GPP	3GPP	3GPP	3GPP	3GPP	-	-	3GPP, RTSP	3GPP	3GPP, RTSP	3GPP	3GPP	3GPP, RTSP	-	-	-	
Digital Input/Digital Output (DI/DO)	1 / 1	2 / 1	2 / 1	1 / 1	2 / 1	2 / 1	2 / 1	2 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	2 / 1	8 / 1	8 / 1	8 / 1	
External Device Interface	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	RS-485, 12VDC Output	-	-	RS-485, 12VDC Output	-	RS-485, 12VDC Output	-	-	RS-485, 12VDC Output	-	-	-	
Monitor Output	-	BNC	-	-	BNC	BNC	BNC	BNC	AV	AV	AV	-	-	-	-	RCA	BNC	BNC	BNC	
External Card Slot	CF Card	-	SD Card	CF Card	SD Card	SD Card	-	-	-	-	MicroSD Card	-	MicroSD Card	-	-	-	-	-	-	
Power over Ethernet (IEEE 802.3af)	Class 2/3 ⁴	Class 2/3 ⁴	Class 2/3 ⁴	Class 2/3 ⁴	PoE Splitter Required ⁵	Class 2/3 ⁴	Class 2/3 ⁴	Class 2/3 ⁴	-	-	-	Class 2	-	Class 1	Class 3	Class 2/3 ⁴	-	-	-	
Wireless LAN	-	-	-	-	802.11n 802.11g	-	-	-	-	802.11g	-	-	802.11n 802.11g	-	-	-	-	-	-	
Max. Power Consumption	4W	12.5W	5.484W	5.4W	6.9W	2W	7.88W	7.95W	7.8W	9.2W	11.92W	6W	13.37W	3.6W	11W	11.04W	65W (with heater)	65W (with heater)	65W (with heater)	
Outdoor Usage	Yes ⁵	Yes ⁵	Yes ⁵	Yes ⁵	-	Yes ⁵	Yes (IP66 Certified)	Yes (IP66 Certified)	Yes ⁵	-	-	Yes ⁵	-	-	-	-	Yes (IP66 Certified)	Yes (IP66 Certified)	Yes (IP66 Certified)	

¹ AES (Automatic Electronic Shutter); AGC (Automatic Gain Control); AWB (Automatic White Balance); AF (Auto-Focus)

² AAC (Advanced Audio Coding); AMR (Adaptive Multi-Rate); ADPCM (Adaptive Differential Pulse-Code Modulation)

³ PoE Splitter - DWL-P50 (Refer to Network Peripheral-Power Over Ethernet Section)

⁴ Class 3: Include Power Output for External Devices

⁵ Outdoor Enclosure Required

NETWORK STORAGE

With the ever increasing volume of information required for the smooth running of business operations, ensuring information availability when needed is of great importance. Reliable information storage is an essential part of every business. Products under this category include Network Attached Storage (NAS) Enclosures and Storage Area Network (SAN) Arrays.



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.

DNS-343

4-Bay NAS Enclosure



Main Features

- NAS only
- Support Standard, JBOD, RAID 0,1,5
- Scheduled backup
- Support volume snapshot
- Support VLAN tags
- Built-in FTP Server
- Built-in UPnP AV Server
- Built-in iTunes Server
- Built-in Printer Server

Physical Features

- USB Port to Printer or UPS x 1
- OLED Display Screen

DNS-346

4-Bay NAS/iSCSI Enclosure



Main Features

- Pure NAS & iSCSI
- Support Standard, JBOD, RAID 0, 1, 5, 10
- Scheduled backup
- Volume snapshot
- VLAN tags
- Built-in FTP Server
- Built-in Print Server

Physical Features

- USB Port to Printer or UPS x 1
- OLED Display Screen

Network Attached Storage (NAS) Enclosures

Model		DNS-343	DNS-346	
Port Interface	LAN Port	One 10/100/1000BASE-T Gigabit Ethernet Port		
	Universal Serial Bus (USB)	One USB 2.0 Port for Print Server and UPS Monitoring		
Display	Organic Light-Emitting Diode (OLED)	256 x 64 OLED Display Screen	56 x 64 OLED Display Screen	
Drive Management	HDD Type	SATA (Any Capacity)		
	HDD Size	3.5-inch (Internal)		
	Conventional NAS Function	Yes		
	iSCSI Technology	-	Yes	
	HDD Configuration	RAID 0, RAID 1, RAID 5, JBOD, Standard	RAID 0, RAID 1, RAID 5, RAID 5+Spare, RAID 10, JBOD, Standard	
	Scan Disk	Yes		
	Disk Roaming	-	Yes	
	S.M.A.R.T. ¹ for HDD Self-Diagnostic	-	Yes	
	Auto-Rebuild	Yes		
	Hot-Plug	-	Yes	
	Hard Drive Power Saving Mode	Yes		
HDD Installation	Tool-less Installation			
User Management	User Account Management	Yes		
	Group Account Management	Yes		
	User/Group Quota Management	Yes		
	Windows Active Directory Service	Yes		
File Sharing Management	Max. User Accounts	64	64 (Samba) / 4,000 (ADS)	
	Max. Groups	10	10 (Samba) / 1,700 (ADS)	
	Max. Shared Folders	45	45	
	Max. Concurrent Connections	64 (Samba) / 10 (FTP)	64 (Samba) / 10 (FTP)	
	Built-in FTP Server	Yes		
	Built-in UPnP AV Server	Yes	-	
	Built-in iTunes Server	Yes	-	
	Built-in Print Server	Yes		
Jumbo Frame	Yes			
Device Management	Internet Explorer 6 or other Java-Enabled Browser	Yes		
	Easy Search Utility	Yes		
	Plug-and-Play Extensions (PnP-X)	Yes		
	Link Layer Topology Discovery (LLTD)	Yes		
	HyperText Transfer Protocol Secure (HTTPS)	Yes		
	Uninterruptible Power Supply (UPS) Monitoring	Yes		
	E-mail Alerts	Yes		
	Power Management	Yes		
	Real-Time Clock (RTC)	Yes		
	Dynamic Host Configuration Protocol (DHCP) Server	Yes		
Dynamic Domain Name System (DDNS)	Yes			
Power Management	Power Input	Via External Power Adapter		
	Max. Power Consumption	Normal Mode: 71.76W; Sleep Mode: 21.44W	Normal Mode: 37.31W; Sleep Mode: 13.30W	
	Power Saving	Ultra Cooler (Aluminum Housing with Fan Speed Control)		
Environmental	HDD Hibernation	Yes		
	Operating Temperature	0°C to 55°C		
	Storage Temperature	-20°C to 70°C		
Physical	Operating Humidity	5% to 90% (Non-Condensing)		
	Dimension (W x D x H)	128 x 200 x 178 mm		
	Weight	2.7 kg		

¹ S.M.A.R.T.: Self-Monitoring, Analysis and Reporting Technology

Storage Area Network (SAN) Arrays

D-Link 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-1100-10

5-Bay iSCSI SAN Array



Main Features

- Support RAID
- SATA-II
- Online Capacity Expansion and RAID Level Migration

Physical Features

- 5 Real Trays

Optional Accessories

- DSN-010 (Single Real Tray)
- DSN-020 (Single Dummy Tray)

DSN-2100-10

8-Bay iSCSI SAN Array



Main Features

- Support RAID
- SATA-II
- Online Capacity Expansion and RAID Level Migration

Physical Features

- 8 Real Trays

Optional Accessories

- DSN-030 (Power Supply)
- DSN-040 (Fan)
- DSN-050 (Battery)

DSN-3200-10

15-Bay iSCSI SAN Array



Main Features

- Support RAID
- SATA-II
- Online Capacity Expansion and RAID Level Migration

Physical Features

- 15 Real Trays

Optional Accessories

- DSN-010 (Single Real Tray)
- DSN-020 (Single Dummy Tray)
- DSN-030 (Power Supply)
- DSN-040 (Fan)
- DSN-050 (Battery)

DSN-3400-10

15-Bay iSCSI SAN Array with XFP



Main Features

- Support RAID
- SATA-II
- Online Capacity Expansion and RAID Level Migration

Physical Features

- 15 Real Trays

Optional Accessories

- DSN-010 (Single Real Tray)
- DSN-020 (Single Dummy Tray)
- DSN-030 (Power)
- DSN-040 (Fan)
- DSN-050 (Battery)
- 10-Gigabit XFP Transceivers
DEM-421XT / DEM-422XT / DEM-423XT

Storage Area Network (SAN) Arrays

Model	DSN-1100-10	DSN-2100-10	DSN-3200-10	DSN-3400-10
Drive Bay	5	8	15	
Drive Interface Support	SATA-II			
System Memory	256MB to 512MB (256MB Standard)	256MB to 512MB (512MB Standard)		
Cache Memory	256MB to 1GB (256MB Standard)	256MB to 4GB (512MB Standard)		
Battery Backup for Cache	Standard (Approximately 72 hours on Full Charge)			
Bandwidth	Up to 425MB/s		Up to 850MB/s	Up to 1160MB/s
Storage Capacity ¹	5TB with 1TB HDDs	8TB with 1TB HDDs	15TB with 1TB HDDs	
Storage Feature	Intel® Pro 1000MT & XT (1GbE) Alacritech® SES2104ET (SNP 9.1.0.1092 & 7.3.1.0) Alacritech® SES2102ET (SNP 9.1.0.1092 & 7.3.1.0) Qlogic® 4010C, 4052C & 4062C		Intel® Pro 1000MT & XT (1GbE) Intel® Pro 1000 CX4 (1GbE) Myricom 10G-PCIE-8A-C+E (10GbE) Chelsio® S310X-SR-XFP (10GbE) Neterion® Xframe® II & Xframe® E (10GbE) Alacritech® SES2104ET (SNP 9.1.0.1092 & 7.3.1.0) Alacritech® SES2102ET (SNP 9.1.0.1092 & 7.3.1.0) Qlogic® 4010C, 4052C & 4062C	
Supported Operating Systems ²	Windows Vista® 32-bit & x64 (Ultimate & Enterprise) with Built-in iSCSI Initiator Windows Server 2003® 32-bit & x64 SP1 (Standard & Enterprise) with v2.07 iSCSI Initiator Windows Server 2003® R2 32-bit & x64 SP1 (Standard & Enterprise) with v2.07 iSCSI Initiator Windows XP Pro® 32-bit & x64 with v2.07 iSCSI Initiator Windows 2000 Advanced Server® with v1.6 & v2.01 iSCSI Initiator Red Hat® 7.3; Red Hat® Enterprise AS Update 5 SuSE® Enterprise Server 10.2 32-bit (x86); SuSE® Professional 9.3 32-bit & x64 Mac OS X (10.4 & 10.5)			
iSCSI Network Interface	Four 1GbE Copper Ports		Eight 1GbE Copper Ports	One 10GbE XFP (XFP sold separately)
Host Interface	iSCSI Draft 20 Compliant Initiator			
Connections	1,024 Hosts			
CHAP Authentication	Yes			
Access Control of Management	Yes			
iSCSI/TCP/IP Full Hardware Offload	Yes			
Jumbo Frame	Yes			
IEEE 802.3ad Link Aggregation	Up to Four LAGs		Up to Eight LAGs	Not Applicable
IEEE 802.1Q Virtual LAN (VLAN)	Up to Four 1-to-1 Mapping between IP Subnet and VLAN	Up to Eight 1-to-1 Mapping between IP Subnet and VLAN		
RAID Controller	Single-Integrated in ASIC			
RAID Support	RAID Levels 0, 1, 1+0 and 5			
Volumes	1,024 Virtual Volumes (256 Accessible per Initiator)			
Target Nodes	1,024			
Online Capacity Expansion	Yes			
Hot-Swappable Drives	Yes			
Instant Volume Access	Yes			
Free Space Defragmentation	Yes			
Auto-Detection Failed Drive	Yes			
Auto-Rebuild Spare Drive	Yes			
RAID Level Migration	Yes			
Drive Roaming in Power Off	Yes (Configured Drives are Not Bay-Specific)			
Micro Rebuilds	Yes			
Storage Management	Embedded IP-based Management GUI Create, Mange, Expand and Monitor Storage Pool, Volumes and RAID			
Firmware Field Upgradable	Yes			
Power	Supply Type: 1U 200-Watt	Redundant 2U 400-Watt	Redundant 3U 2+1 760-Watt	
Input Voltage	100~240 VAC		90~264 VAC (Auto-Switching)	
Input Frequency	50~60Hz	47~63Hz		
Input Current (Maximum)	4A	8A@100VAC; 4A@240VAC	20A@90VAC; 10A@264VAC	
Power Factor Correction	95%@110V, Full Load			
Power Consumption (Full Configuration)	112-Watt	360-Watt	570-Watt	
Thermal (Full Configuration)	815 BTU/hour	1,260 BTU/hour	2,000 BTU/hour	
Environmental	Operating Temperature: 0°C to 40°C Storage Temperature: -20°C to 70°C Operating Humidity: 20% to 90% (Non-Condensing) Storage Humidity: 10% to 95% (Non-Condensing)			
Physical	Form Factor: Tower	2U, 19-inch Rack-Mount	3U, 19-inch Rack-Mount	
Dimension (W x D x H)	167 x 273 x 259 mm	438 x 635 x 89 mm	438 x 571 x 133 mm	
Weight (Full Configuration)	4.0 kg	20.4 kg	33 kg	
Certification	Emission: FCC Class A; CE Class A; C-Tick Class A; VCCI Class A Safety: CSA 60950-1; UL 60950-1; IEC 60950-1; EN 60950-1			

¹ Support for higher capacity drives as they are introduced² Please refer to D-Link website for latest support information

Network Storage Selection Matrix

	NAS Enclosures		SAN Arrays			
Model	DNS-343	DNS-346	DSN-1100-10	DSN-2100-10	DSN-3400-10	DSN-3400-10
Network Interface						
Gigabit 10/100/1000BASE-T	1	1	4	4	8	-
10-Gigabit XFP Slot	-	-	-	-	-	1
Hard Disk Drive						
Number of Bays/Trays	4	4	5	8	15	15
Drive Type	3.5-inch SATA	3.5-inch SATA	3.5-inch SATA-II	3.5-inch SATA-II	3.5-inch SATA-II	3.5-inch SATA-II
Storage Capacity ¹	4TB with 1TB HDDs	4TB with 1TB HDDs	5TB with 1TB HDDs	8TB with 1TB HDDs	15TB with 1TB HDDs	15TB with 1TB HDD
RAID Support	Standard; RAID 0, 1, 5; JBOD	Standard; RAID 0, 1, 1+0, 5, 5+Spare; JBOD	Standard; RAID 0, 1, 1+0, 5; JBOD			
RAID Level Migration	-	-	Yes	Yes	Yes	Yes
Hot-Swappable Drive	-	Yes	Yes	Yes	Yes	Yes
Instant Volume Access	-	-	Yes	Yes	Yes	Yes
Free Space Defragmentation	-	-	Yes	Yes	Yes	Yes
Micro Rebuild	-	-	Yes	Yes	Yes	Yes
Drive Roaming in Power Off	-	Yes	Yes	Yes	Yes	Yes
S.M.A.R.T for HDD Self-Diagnostic	Yes	Yes	Yes	Yes	Yes	Yes
File Sharing						
Target Nodes	N.A.	10	1,024	1,024	1,024	1,024
Built-in FTP Server	Yes	Yes	-	-	-	-
Built-in UPnP AV Server	Yes	No	-	-	-	-
Built-in iTunes Server	Yes	No	-	-	-	-
Built-in Print Server	Yes	Yes	-	-	-	-
iSCSI Network						
iSCSI Technology	-	Yes	Yes	Yes	Yes	Yes
CHAP Authentication	-	Yes	Yes	Yes	Yes	Yes
Access Control of Management	-	-	Yes	Yes	Yes	Yes
IEEE 802.3ad Link Aggregation	-	-	Yes	Yes	Yes	-
IEEE 802.1Q Virtual VLAN (VLAN)	-	Yes	Yes	Yes	Yes	Yes
Volume Visualization	-	-	Yes	Yes	Yes	Yes
Jumbo Frame	Yes	Yes	Yes	Yes	Yes	Yes

¹ Support for higher capacity drives as they are introduced

NETWORK PERIPHERALS

Accessories that help support network solutions. Products under this category include Keyboard Video Mouse (KVM) Switches, Power over Ethernet (PoE) Adapters, Print Servers and Network Adapters.



KVM Switches

D-Link Keyboard, Video, Mouse (KVM) switches provide cost-effective solution for businesses to control multiple computers or servers from a single set of keyboard, mouse and monitor. The computers and servers are connected to a KVM switch. From a single console, users can switch back and forth among the computers with the push of a button or hot keys. It is a very cost-effective way to control multiple computers that do different tasks.

DKVM-IP1

1-Port KVM Switch over IP



Main Features

- TCP/IP
- Web-based Management
- Video Refresh Upgradeable from Remote Session
- Maximum Concurrent 15 User Login
- 256bit SSL Security
- BIOS Level Access
- Video Calibration Adjustment
- Auto-Logout When Idle More Than 30 Minutes
- Video Resolution 1280 x 1024 at 60Hz

Physical Features

- RS-232 Modem Port x 1
- Console :
DB-15 x 1 (Video)
PS/2 x 2 (Keyboard & Mouse)
- KVM:
DB-15 x 1 (Video)
PS/2 x 2 (Keyboard & Mouse)

KVM-440

8-Port KVM Stackable Switch



Main Features

- Windows, Linux, Mac OS9/OSX, and Sun Microsystems
- Daisy-Chain up to 3 Cascade Levels
- Hot-Swappable
- LED Display for PC and/or Server Status Monitoring
- Video Resolution 2048 x 1536

Physical Accessories

- 19" Rack-Mount (1U)
- Console :
DB-15 x 1 (Video)
PS/2 x 2 (Keyboard & Mouse)
- KVM:
DB-15 x 1 (Video)
Combo PS/2 or USB x 8 (KB & Mouse)
- Mini USB2.0 x 1 (for F/W Upgrade)
- Switch Selection Button x 8

KVM-450

16-Port KVM Stackable Switch



Main Features

- Windows, Linux, Mac OS9/OSX, and Sun Microsystems
- Daisy-Chain up to 3 Cascade Levels
- Hot-Swappable
- LED Display for PC and/or Server Status Monitoring
- Video Resolution 2048 x 1536

Physical Features

- 19" Rack-Mount (1U)
- Console :
DB-15 x 1 (Video)
PS/2 x 2 (Keyboard & Mouse)
- KVM:
DB-15 x 16 (Video)
Combo PS/2 or USB x 16 (KB & Mouse)
- Mini USB2.0 x 1 (for F/W Upgrade)
- Switch Selection Button x 16

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-P50

5/12VDC PoE Splitter



Main Features

- Use with a PoE Switch or Midspan
- Supply Power to Devices

Physical Features

- IEEE 802.3af Power over Ethernet
- Terminal Unit x 1
- 5VDC and 12VDC Output
- Output Selection via DIP Switch

DWL-P200

5/12VDC PoE Kit



Main Features

- Use without a PoE Switch
- Supply Power to Devices

Physical Features

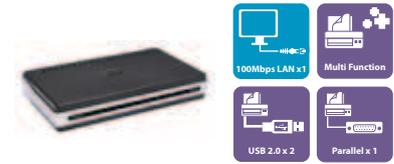
- Base Unit x 1
- Terminal Unit x 1
- 5VDC and 12VDC Output
- Output Selection via DIP Switch

Print Servers

These print servers allow users to share printers over the network through simple, transparent printing operation. Tested with a wide range of different printer models, D-Link print servers offer a high level of compatibility. They support multiple network Operating Systems, including Windows, Mac OS and Linux, giving users the flexibility of installing their print servers regardless of the network environment.

DPR-1061

3-Port Multifunction Print Server



Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) Protocol
- RAW Printer Protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)

DPR-2000

4-Port Wireless G Multifunction Print Server



Main Features

- TCP/IP
- NetBEUI
- AppleTalk
- Line Printer Remote (LPR) Protocol
- RAW Printer Protocol
- Server Message Block (SMB) over IP
- Internet Printing Protocol (IPP)
- Wi-Fi Protected Setup (WPS)

Network Adapters

D-Link network 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

Fast Ethernet Fiber PCI Adapter



Main Features

- Windows 7, Server 2008, Vista, XP
- Mac OS, NetWare, Linux
- IEEE 802.1p Priority Queues
- IEEE 802.1Q VLAN
- Standard and Low Profile Brackets are Available

Physical Features

- 100BASE-FX Fiber x 1
- PCI Bus Interface
- SC Fiber Connector
- Up to 2km Multi-Mode Fiber Cable Distance
- ACPI Wake-On-LAN Power Management
- Socket for Optional Remote Boot ROM

Optional Features

- DFE-551P (PXE Boot ROM)
- DFE-551R (RPL Boot ROM)

DGE-560SX

Gigabit Fiber PCI Express x4 Adapter



Main Features

- Windows 7, Server 2008, Vista, XP
- Linux
- ACPI 2.0 Power Management
- 9K Bytes Jumbo Frame
- IEEE 802.1p Priority Queue
- IEEE 802.1Q VLAN
- Built-in MIB for SNMP Management
- Laser Eye Safety Certified

Main Features

- 1000BASE-SX Fiber x 1
- PCI Express x4 Bus Interface
- SC Fiber Connector
- Up to 550m Multi-Mode Fiber Cable Length