D-Link®
Building Networks for People

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2012
PRODUCT SELECTION GUIDE

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D-LINK PRODUCT SELECTION GUIDE ALSO AVAILABLE FOR CONSUMER PRODUCTS

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NETWORKING
SOLUTIONS
FOR SMB AND SME

NETWORK STORAGE

The Network Attached Storage (NAS) are compact storage devices that can be easily connected to a home or office network, or to the Internet. Ideal for disk and file sharing, these devices provide the hardware reliability and interoperability with major operating systems. They come with embedded software for ready file access that saves users the cost of buying separate OS software and the trouble of installing it.

The Network Video Recorder (NVR) are compact storage devices which are purpose designed for recording video from surveillance cameras over a network. NVRs provide high quality remote monitoring functionality at a fraction of the cost of conventional surveillance systems.

The Storage Area Networks (SANs) devices are designed to provide a reliable network data storage solution for customers in the SMB and SME segments. Utilising a 10-Gigabit iSCSI System-on-a-Chip (SoC) solution that can handle over 200,000 I/Os per second and capable of supporting over 180TB raw capacity using high-capacity hard drives, these SANs can easily be implemented as near line storage to supplement primary IP network storage solution or be used as a basic backup and recovery device.

Model	Product	Description
NETWORK ATTACHED STORAGE (NAS)		
DNS-345	ShareCenter Quattro 4 Bay Network Storage for SOHO/SMB	3.5" SATA Drive Support, Drive Configurations include: Standard, RAID 0, 1, 1+0, 5, JBOD. Two Gigabit Ethernet Ports and one USB2 Port for Print Server/ UPS/External Storage. Active Directory Support, Backup, Snapshot Features.
DNS-325	ShareCenter Shadow 2 Bay Network Storage for SOHO/SMB	3.5" SATA Drive Support, Drive Configurations include: Standard, RAID 0, 1, JBOD. One Gigabit Ethernet Ports. One USB2 Port for Print Server/UPS/ External Storage. 256MB/1.2Ghz CPU, Torrent/emule server, DLNA, wordpress, squeezecenter, photo/audio center.
DNS-320	ShareCenter Pulse 2 Bay Network Storage for SOHO/SMB	3.5" SATA Drive Support, Drive Configurations include: Standard, RAID 0, 1. One Gigabit Ethernet Port. One USB2 Ports for Print Server/External Storage. 128MB RAM/800Mhz CPU,, Torrent Server, DLNA.
DNS-1200-05	ShareCenter Pro 1200 5 Bay NAS/iSCSI Unified Storage for SMB	3.5" SATA Drive Support, Drive Configurations include: Standard, RAID 0, 1, 1+0, 5, 5+Spare, 6, JBOD. iSCSI Support. Two Gigabit Ethernet Ports, User Quota Management, Web-Based File Management. Suitable for business storage applications.
NETWORK VIDEO RECORDERS (NVR)		
DNR-326	2 Bay NVR Storage – 9 Cameras	3.5" SATA Drive Support, Drive Configurations include: Standard, RAID 0 and RAID 1, Gigabit Ethernet Port, Record Video from up to 9 Network Surveillance Cameras, 4 Channel Playback, Supports D-Link and Third Party Surveillance Cameras such as ACTi, Axis, Cisco, Mobotix, Panasonic and Sony. Please visit www.dlink.com.au or www.dlink.co.nz for further information on supported cameras.

MEDIA CONVERTERS

D-Link media converters convert signals for transmission on one type of cable to signals for transmission on another type of cable. This allows IT personnel to connect longer distance fibre cables between devices that are designed only for shorter distance cables, such as the Cat. 5 twisted-pair cable.

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 a push of a button or hot keys. It's a very cost-effective way to control multiple computers that do different tasks.

MEDIA CONVERTER CHASSIS

Model	Product	Description
DMC-1000	Media Converter Chassis	Rackmount chassis with capacity to power 16 media converters. All media converters are hot swapable when in chassis.
DMC-1001	Redundant Power Supply	Power overload protection and load sharing when installed in Media Converter Chassis.
DMC-1002	Management Module	SNMP Management option for Media Converter Chassis. Allows user to monitor real-time status of all media converters and power supplies in chassis.

KVM SWITCHES

Model	Product Description
DKVM-4K	4-Port KVM Switch
KVM-440	8-Port KVM Switch
DKVM-CB	Cable Kit for DKVM-4K
KVM-401/402/403	Cable Kits for KVM-440

MEDIA CONVERTERS

Model	Media Type Conversion	Max. Cable Length	Network Speed	Fibre Connector	Wave Length	Min. Tx Power (Launch Power)	Max. Tx Power (Launch Power)	Sensitivity	Power Budget
DMC-300M	Copper to Multi-Mode Fibre	2 km	100Mbps	MT-RJ	1300nm	-23.5dB	-14dB	-31dB	-31dB
DMC-300SC	Copper to Multi-Mode Fibre	2 km	100Mbps	SC	1300nm	-23.5dB	-14dB	-31dB	-31dB
DMC-515SC	Copper to Single-Mode Fibre	15 km	100Mbps	SC	1310nm	-20dB	0dB	-32dB	-32dB
DMC-560SC	Copper to Single-Mode Fibre	60 km	100Mbps	SC	1310nm	-5dB	0dB	-35dB	-35dB
DMC-700SC	Copper to Multi-Mode Fibre	550 m	1Gbps	SC	850nm	-9.5dB	-4dB	-12.5dB	-12.5dB
DMC-810SC	Copper to Single-Mode Fibre	10 km	1Gbps	SC	1300nm	-9.5dB	-3dB	-14.4dB	-14.4dB

SWITCHES

D-Link offers a comprehensive range of high-performance managed and unmanaged switches. The managed switches provide solutions for Workgroup (up to around 50 seats), Departmental (up to around 200 seats) and Enterprise (200 plus seats) networks.

The unmanaged desktop and rackmount switches provide plug-and-play 10/100Mbps or Gigabit network connections that are ideal for SOHO and SMB environments. The range includes Layer 2/3, Fast Ethernet, Gigabit, 10 Gigabit and Chassis-based solutions.

ENTERPRISE

Model	Switch Type	10/100Mbps Ports	Gigabit Ports	SFP Ports	10Gbps Ports	Stackable	PoE Ports	Management Interface	RS232 Console Port	QoS 802.1p DiffServ	Security 802.1x Radius	VLAN 802.1q	Warranty
DGS-6604**	Managed Layer 3		144**	144**	24**	√	144**	CLI	√	√	√	√	2 YRS
DGS-3620-52T	Managed Layer 3		48		4	√		Web & CLI	√	√	√	√	LL
DGS-3620-52P	Managed Layer 3		48		4	√	48	Web & CLI	√	√	√	√	LL
DGS-3620-28TC	Managed Layer 3		24	4*	4	√		Web & CLI	√	√	√	√	LL
DGS-3620-28PC	Managed Layer 3		24	4*	4	√	24	Web & CLI	√	√	√	√	LL
DGS-3620-28SC	Managed Layer 3		4*	24	4	√		Web & CLI	√	√	√	√	LL
DGS-3420-52T	Managed Layer 2		48		4	√		Web & CLI	√	√	√	√	LL
DGS-3420-52P	Managed Layer 2		48		4	√	48	Web & CLI	√	√	√	√	LL
DGS-3420-28TC	Managed Layer 2		24	4*	4	√		Web & CLI	√	√	√	√	LL
DGS-3420-28PC	Managed Layer 2		24	4*	4	√	24	Web & CLI	√	√	√	√	LL
DGS-3420-28SC	Managed Layer 2		4*	24	4	√		Web & CLI	√	√	√	√	LL
DES-3200-10	Managed Layer 2	8	2	2*		√		Web & CLI	√	√	√	√	LL
DES-3200-18	Managed Layer 2	16	2	2*		√		Web & CLI	√	√	√	√	LL
DES-3200-28	Managed Layer 2	24	2	2*		√		Web & CLI	√	√	√	√	LL
DES-3200-52	Managed Layer 2	48	2	2*		√		Web & CLI	√	√	√	√	LL

LARGE BUSINESS

Model	Switch Type	10/100Mbps Ports	Gigabit Ports	SFP Ports	10Gbps Ports	Stackable	PoE Ports	Management Interface	RS232 Console Port	QoS 802.1p DiffServ	Security 802.1x Radius	VLAN 802.1q	Warranty
DGS-3120-48TC	Managed Layer 2		48	4*		√		Web & CLI	√	√	√	√	LL
DGS-3120-48PC	Managed Layer 2		48	4*		√	48	Web & CLI	√	√	√	√	LL
DGS-3120-24TC	Managed Layer 2		24	4*		√		Web & CLI	√	√	√	√	LL
DGS-3120-24PC	Managed Layer 2		24	4*		√	24	Web & CLI	√	√	√	√	LL
DGS-3120-24SC	Managed Layer 2		8*	24		√		Web & CLI	√	√	√	√	LL

MEDIUM BUSINESS

Model	Switch Type	10/100Mbps Ports	Gigabit Ports	SFP/GBIC Module Slot(s)	PoE Ports	Management Interface	QoS 802.1p	Security 802.1x Radius	VLAN 802.1q	Warranty
DGS-1210-52	WebSmart		48	4		Web	√	√	√	LL
DGS-1210-28	WebSmart		24	4		Web	√	√	√	LL
DGS-1210-28P	WebSmart		24	4	24	Web	√	√	√	LL
DGS-1210-20	WebSmart		16	4		Web	√	√	√	LL
DGS-1210-10P	WebSmart		10	2*	8	Web	√	√	√	LL
DES-1210-52	WebSmart	48	4	2*		Web	√	√	√	LL
DES-1210-28	WebSmart	24	4	2*		Web	√	√	√	LL
DES-1210-28P	WebSmart	24	4	2*	24	Web	√	√	√	LL

SMALL OFFICE / HOME OFFICE (SOHO)

Model	Switch Type	10/100Mbps Ports	Gigabit Ports	PoE Ports	Management Interface	QoS 802.1p	VLAN 802.1q	Power Supply	Form Factor	Warranty
DGS-1100-24	EasySmart		24		Web	√	√	Internal	Rackmount	3 years
DGS-1100-16	EasySmart		16		Web	√	√	Internal	Rackmount	3 years
DGS-1100-08	EasySmart		8		Web	√	√	External	Desktop	3 years
DGS-1024D	Unmanaged		24			√		Internal	Desktop	2 years
DGS-1016D	Unmanaged		16			√		Internal	Desktop	2 years
DGS-1008P	Unmanaged		8	4		√		External	Desktop	2 years
DES-1026G	Unmanaged	24	2					Internal	Rackmount	2 years
DES-1024A	Unmanaged	24						Internal	Plastic desk	2 years
DES-1016A	Unmanaged	16						Internal	Plastic desk	2 years
DES-1024D	Unmanaged	24						Internal	Desktop	2 years
DES-1016D	Unmanaged	16						Internal	Desktop	2 years

SFP / SFP+ / XFP TRANSCEIVERS

Model	Standard	Cable Type	Distance	Interface	Voltage
DGS-712	1000BaseT	Category 5 UTP	100m	RJ45/SFP	3.3V / 5V
DEM-310GT	1000BaseLX	9µm Single Mode Fibre	10km	LC/SFP	3.3V / 5V
DEM-311GT	1000BaseSX	50µm/62.5µm Multimode Fibre	550m/275m	LC/SFP	3.3V / 5V
DEM-312GT2	1000BaseLX	50µm/62.5µm Multimode Fibre	2km/2km	LC/SFP	3.3V / 5V
DEM-421XT	10GBaseSR	50µm/62.5µm Multimode Fibre	300m	LC/XFP	3.3V / 5V
DEM-422XT	10GBaseLR	9µm Single Mode Fibre	10km	LC/XFP	3.3V / 5V
DEM-423XT	10GBaseER	9µm Single Mode Fibre	40km	LC/XFP	3.3V / 5V
DEM-431XT	10GBaseSR	50µm/62.5µm Multimode Fibre	300m/26m	LC/SFP+	3.3V
DEM-432XT	10GBaseLR	9µm Single Mode Fibre	10km	LC/SFP+	3.3V
DEM-433XT	10GBaseER	9µm Single Mode Fibre	40km	LC/SFP+	3.3V

* Combo Ports | ** Modular Chassis Switch – Visit D-Link Website for available modules | LL = Limited Lifetime

D-Link

WIRELESS STANDALONE AP

D-Link has one of the industry's widest wireless portfolios. Satisfying requirements for Indoor and Outdoor use as well as solutions adapted to any environment – from the home to the enterprise, D-Link utilises the industry's leading chipsets to develop state of the art products that enables customers to choose from technologies based on either IEEE 802.11g, IEEE 802.11a or IEEE 802.11n.

UNIFIED WIRELESS

D-Link unified wireless switching – an innovative evolution in wireless LAN – is designed to simplify installation and enhance the effectiveness of a medium-sized or large Wi-Fi networks. It allows businesses to install a high-performance, secure, manageable and scalable unified wired/wireless network.

STANDALONE ACCESS POINTS

Model	Description	Wireless Technology	LAN Port(s)	WEP/WPA/WPA2	Detachable Antenna	Power over Ethernet (PoE) 802.3af	Warranty
DAP-3520	Outdoor AP/Bridge	802.11 g/n, 300Mbps, 2.4GHz or 5GHz Band	1	√	√	√	2 years
DAP-2553	Plastic case business AP	802.11 g/n, 300Mbps, 2.4GHz and 5GHz Band, 3 Ant	1	√	√	√	2 years
DAP-2590	Metal case business AP	802.11 g/n, 300Mbps, 2.4GHz or 5GHz Band, 3 Ant	1	√	√	√	2 years
DAP-2360	Metal case business AP	802.11g/n, 300Mbps, 2.4GHz Band, 2 Ant	1	√	√	√	2 years
DAP-1360	Small office/home AP	802.11 g/n, 300Mbps, 2.4GHz, 2 Ant	1	√	√		2 years
DAP-2310	Plastic case business AP	802.11g/n, 300Mbps, 2.4GHz Band, 2 Ant	1	√	√		2 years

UNIFIED WIRELESS

Model	Description	Wireless Technology	10/100 Port(s)	Gigabit Port(s)	SFP/GBIC Module Slots	10Gbps Option	PoE Port(s)	Module Bays	Stack-able	Controlled AP's (cluster)	Management Interface	Console Port	QoS 802.1p	VLAN 802.1q	WEP/WPA/WPA2	Warranty
DWS-4026	Wireless Switch/Controller			24	4*	√	24	2	√^	64 (256)	Web+CLI	√	√	√		LL
DWS-3160-24PC	Wireless Switch/Controller			24	4*		24		√^	12-48†(192)	Web+CLI	√	√	√		LL
DWC-1000	Wireless Controller/Gateway†			4						6 - 24†(96)†	Web+CLI	√	√	√		3 years
DWL-8600AP	AP for DWS-30xx/4026/3160/DWC-1000	802.11a/g/n		1			1				Web		√	√	√	3 years
DWL-6600AP	AP for DWS-4026/3160/DWC-1000	802.11a/g/n		1			1				Web+CLI	√	√	√	√	3 years
DWL-3600AP	AP for DWS-4026/3160/DWC-1000	802.11g/n		1			1				Web+CLI	√	√	√	√	3 years

* Combo Ports | ^ Virtual | † Via License Upgrade | LL = Limited Lifetime

ANTENNAS

Extend the range of your wireless network with D-Link's wide range of antennas. D-Link offers everything from small omni-directional dipole antennas for indoor use up to large directional antennas for long distance, outdoor use. Extension cables are available. Please refer to the D-Link Website.

ANTENNAS

Model	Application	Gain	Frequency Band	Horizontal (Degrees)	Vertical (Degrees)	Distance*	Warranty
ANT24-0502	Indoor/Omni-Directional	5dBi	2.4GHz	360	36	500m	1 YR
ANT24-0600	Indoor/Directional	6dBi	2.4GHz	80	80	500m	1 YR
ANT24-0800	Outdoor/Omni-Directional	8dBi	2.4GHz	360	15	1km	1 YR
ANT24-1201	Outdoor/Directional	12 dBi	2.4GHz	50	50	1km	1 YR
ANT24-1200	Indoor/Directional	11.5dBi	2.4GHz	80	23	2km	1 YR
ANT24-1202	Outdoor/Omni-Directional	12dBi	2.4GHz	360	6	2km	1 YR
ANT24-1800	Outdoor/Directional	18dBi	2.4GHz	15	15	5km	1 YR
ANT24-2100	Outdoor/Directional	21dBi	2.4GHz	10	12	10km	1 YR
ANT70-1000N	Outdoor/Directional	10dBi	2.4GHz	55	55	3km	1 YR
ANT24-1400N	Outdoor/Directional	14dBi	2.4GHz	19	25	3km	1 YR
ANT24-1600N	Outdoor/Directional	11dBi	2.4GHz	30	30	5km	1 YR

* Approximation only. Actual distance will depend on environmental factors.

VPN FIREWALLS

The D-Link family of hardware Firewalls and VPN Security Appliances offer powerful hardware-based SMB and Enterprise class network security solutions. With the growing concerns over network security, Denial of Service attacks, virus damage, and privacy demands, D-Link's NETDEFEND family provides the assurance of a dedicated network security in a single device.

UTM FIREWALLS

Model	Unified Threat Management	Wireless	Gigabit LAN Port(s)	Gigabit WAN Port(s)	Serial Port	WEP/WPA/WPA2	SPI	Content Filtering	VPN Tunnels	DES/3DES/AES	QoS	IDS	Bandwidth Management	Multi Public IP	Warranty
DFL-260E#	√		5	1			√	√	100	√	√		√	√	3 years
DFL-860E#	√		8	2			√	√	300	√	√	√	√	√	3 years
DFL-1660#	√		6†	6†			√	√	2500	√	√	√	√	√	3 years
DFL-2560#	√		10†	10†	√		√	√	5000	√	√	√	√	√	3 years

UNIFIED SERVICES ROUTERS

Model	Unified Threat Management	Wireless	Gigabit LAN Port(s)	Gigabit WAN Port(s)	Serial Port	WEP/WPA/WPA2	SPI	Content Filtering	VPN Tunnels	DES/3DES/AES	QoS	IDS	Bandwidth Management	Multi Public IP	Warranty
DSR-250N		√	8	1	√	√	√		25	√	√	√	√		3 years
DSR-500N		√	4	2	√	√	√		35	√	√	√	√		3 years
DSR-1000		√	4	2	√	√	√		70	√	√	√	√		3 years

Optional Anti-Virus, Intrusion Detection & Content Filtering Subscription | † Configurable | LL = Limited Lifetime

SURVEILLANCE IP CAMERAS

D-Link's versatile range of IP Cameras and Network Video Recorders are the ideal solution for remote security monitoring or broadcasting of live events over the Internet. D-Link Internet cameras combine the functionality of an audio/video surveillance camera with the reliability and convenience of the Internet.

NETWORK VIDEO RECORDERS (NVR)

The Network Video Recorder (NVR) are compact storage devices which are purpose designed for recording video from surveillance cameras over a network. NVRs provide high quality remote monitoring functionality at a fraction of the cost of conventional surveillance systems.

SEE THE SECTION UNDER "NETWORK STORAGE"

IP CAMERAS

Model	Resolution	Lens Type	Min. Lux	Frames per Second	Memory Slot	Built-In Microphone	2 Way Audio Support	Motion Detection	Email Notification	Scheduled Recording	Day/Night	TV Output	Motorised Pan & Tilt	Input/Output Support	PoE	Outdoor Use	Optical Zoom	Digital Zoom	Warranty
DCS-3716	Full HD 1080p	CS Vari-Focal	0.05	30	√		√	√	√	√	√		√		√			√	1 YR
DCS-6511**	HD 720p	Vari-Focal	0	30	√		√*	√	√	√	√	√	√		√	√	√	√	1 YR
DCS-7110	HD 720p	Fixed	0	30			√*	√	√	√	√		√	√	√			√	1 YR
DCS-5635#	VGA	Vari-Focal	0.02	30	√	√	√*	√	√	√	√	√	√		with DCS-71			√	1 YR
DCS-6113**	Full HD 1080p	Fixed	0	30			√*	√	√	√	√		√		√	√		√	1 YR
DCS-3112	HD 720p	CS Vari-Focal	0.04	30	√		√*	√	√	√	√		√		√	√		√	1 YR
DCS-2210	Full HD 1080p	Fixed	0	30	√	√	√	√	√	√	√			√	√			√	1 YR
DCS-2103	HD 720p	Fixed	1.0	30	√	√	√	√	√	√	√				√			√	1 YR
DCS-2130#	HD 720p	Fixed	1.0	30	√	√	√	√	√	√	√				√			√	1 YR

Wi-Fi 11n Camera | * Requires External Speaker (not supplied) | ** Dome Camera

MANAGEMENT SOFTWARE

Product	Description
SNMP MANAGEMENT	
DV-600S D-View Standard	SNMP monitoring and management of up to 1,000 devices.
DV-600P D-View Professional	SNMP monitoring and management for networks with over 1,000 devices. Supports client-server architecture. SQL data management.
ACCESS POINT MANAGEMENT	
AP Manager II	Central management and monitoring tool for D-Link Standalone Access Points. The software is bundled at no extra cost with all business D-Link Access Points.
IP SURVEILLANCE	
DCS-100 D-ViewCam	Monitor and manage live video and recorded footage from up to 32 cameras. The software is bundled at no extra cost with all D-Link IP Surveillance Cameras.