

D-Lifestyle

Technology solutions & lifestyle magazine **FREE**



Live the wireless life

**Cordless 2-in-1
Internet phone**

**Your 3G/Internet
virtual eye**

**Handy jargon
buster**

ADSL 2+ Broadband
Secure Wireless
VoIP Phone Calls





DESKTOPIA

The diNovo Media Desktop™ is the most advanced desktop in today's digital world. It includes an award-winning ultra-flat keyboard, and a matching MediaPad™ that enables remote control playback of music or images on your PC. Bluetooth 2.0 creates advanced wireless capabilities, while a comfortable, rechargeable MX Laser mouse delivers stunningly precise performance.

Learn about our entire line of advanced keyboards at Logitech.com



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D-Link is a worldwide leader and award-winning designer, developer and manufacturer of networking, broadband, Wireless, digital electronics, and voice and data communications solutions for the digital home, Small Office/Home Office (SOHO), Small to Medium Business (SMB), and Workgroup to Enterprise environments.

With global manufacturing International Standards Organization ISO 9001:2002, ISO 14001 Certifications and numerous National Technical Excellence awards earned for R&D and manufacturing, D-Link delivers product excellence, quality, reliability, compatibility, high-performance within standards, and easy installation software, educational materials, and manuals.

D-Link is a dominant market participant and price/performance leader in the network and communications market. D-Link has been profitable every year since its inception in 1986, and continues to grow at a rate that will allow the Company to experience continued prosperity. D-Link sets the standards for market affordability, while focusing on Building Networks for People.

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FROM THE EDITOR

Live the wireless lifestyle

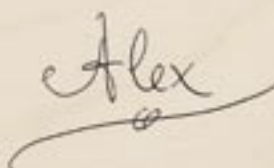
Your wireless network can do much more than just give you access to the Internet. It's the invisible infrastructure that connects all of today's digital devices together.

Wireless technology is now built in to many devices, with upgrade potential for older ones. Games consoles can be wirelessly connected to the Internet, while the latest portable consoles have built-in connectivity. Most PDAs and handheld computer smartphones are now Wi-Fi enabled, or can be easily retrofitted with a Wi-Fi SD expansion card.

New Wi-Fi mobile phones let you make PC-free Internet phone calls from anywhere you can connect to a wireless network, and even the latest smartphones from Nokia, Sony Ericsson and others are arriving with Wi-Fi compatibility as standard.

Wireless cameras from Kodak, Canon, Nikon and others transfer and store photos through wireless networks in the home, office and at hotspots, while wireless Internet security cameras let us keep an eye on things from virtually any location. And sharing your printer or extra storage directly from your network is rapidly becoming a better and simpler way to pool resources.

There's so much that wireless technology can do for you - are you taking advantage of it? Go wireless and digitally upgrade your life today.



Alex Zaharov-Reutt



Digital lifestyle technologies



► DIR-635

► DWA-645



► DWA-547



1. Superfast wireless

RangeBooster N Wireless Router

The new DIR-635 RangeBooster N 650 Router is up to 650% faster than standard 802.11g devices and lets you create wireless networks with speeds even greater than 100Mbps wired Ethernet networks. It provides extended wireless range for whole home coverage and fewer dead spots than ever before.

RangeBooster N Notebook Adapter

Upgrade your notebook's wireless connection to superfast speeds and extended range with the DWA-645 RangeBooster N 650 Notebook Adapter when used with the DIR-635 router. For the fastest wireless speeds possible, put the latest RangeBooster N technology to work for you! Works in Windows notebooks with a PC Card socket.

RangeBooster N Desktop Adapter

Your desktop computer can join in the high-speed wireless fun with the DWA-547 RangeBooster N 650 Desktop Adapter. Perfect for large homes and offices where fast wireless access is required over longer distances to Windows desktop computers. The triple antenna system ensures you get coverage where you need it.

2. The Wi-Fi phone

Wi-Fi mobile phones have arrived, giving you access to inexpensive VoIP Internet phone calls – without a PC – wherever you can access a wireless network in the home, office and beyond. It's the DPH-540 Wireless G Flip-Style Wi-Fi Mobile Phone, and it's coming soon.



► DPH-540

3. Internet/3G security camera

While Internet cameras for surveillance and security have been wireless for some time, the D-Link Securicam DCS-2120 Wireless 3G Internet Camera can now also be viewed by 3G-equipped phones and PDAs, letting you keep an eye on the situation from anywhere you're in 3G coverage. See page 9 for more details.



► DCS-2120

4. Skype phone adapter

Love using Skype but hate being stuck in front of the computer with a fiddly microphone headset? With the D-Link DPH-50U USB Skype Adapter, you can use your existing corded or cordless phone to make and receive Skype calls and regular telephone calls, with many features including call waiting between regular and Skype calls, speed dial, redial, mute and caller ID. Coming soon.



► DPH-50U

5. VoIP Cordless Phone

Coming soon, the DPH-C160S is a cordless phone that connects directly to your router by Ethernet network cable, or by a wireless Ethernet bridge, as well as to the standard phone network. Connect it to a VoIP Internet phone provider such as gotalk www.gotalk.com.au to enjoy cordless VoIP calls wherever you've set up the DPH-C160S base station. Features include caller ID, hands-free, location pager and smooth voice reception. See page 8.

► DPH-C160S



D-Link turns 20



On 30 June, 2006, D-Link celebrated its 20th anniversary. Led by founder, chairman and CEO Ken Kao, from a simple beginning with just four employees, it's now a global company with more than a billion dollars in annual revenue and 1,800 employees in 90 offices serving more than 100 countries across five continents.

D-Link's core mission of "Building Networks for People" is at the heart of

the drive to provide high-performance, standard-based technology that delivers advanced features with affordable pricing. D-Link's technology helps millions connect and stay connected every day, and their success has helped fuel the growth of the personal computer networking industry and the Internet from its emergence as a cottage industry to the seamless communications network that connects businesses and home users today.

Survey winner

Congratulations to David Watkins of QLD, the winner of the D-Link Survey 2006. His creative entry complete with pop-up scene from the last issue of D-Lifestyle (see below) and a D-Link superhero character caught our judges' eye - see it here for yourself!



The pop-up scene of "Super D-Link" going up, up and away on cool new adventures...

6. Total Internet Security

Coming in Q4 is the award-winning D-Link SecureSpot. It's a complete, all-in-one Internet security solution that provides network, virus, spyware and identity theft protection, pop-up and spam blocker, firewall and parental control - all in a tiny palm-sized box that provides automatic around-the-clock protection for your data and personal information. It's set to be the simplest way to keep your PCs protected!



► SecureSpot DSD-150

Digital media on your TV

The DSM-320RD is the best way to connect your PC or network hard drive to your TV and home entertainment system - through 802.11g wireless, or via wired Ethernet. You can then watch the movies, TV shows, video clips, see the photos and listen to the music on your home theatre for the best experience, instead of through your PC's smaller screen. It now comes with built-in DVD player, 5-in-1 memory card reader and is compatible with most popular audio and video formats including mp3 and Xvid. It's the easiest way to watch downloaded content on your existing TV system.



► DSM-320RD



A specially created A5 version of the last issue, which opens up to the pop-up scene above!



Speed up your wireless life

► DI-624S



Still using cables or slow 802.11b devices to share an Internet connection, your files and a printer? Cables fix you to a spot, while older wireless devices can't deliver the speed or range of today's wireless technology. To upgrade, a new wireless router can help.

D-Link's DI-624S wireless storage router, using AirPlusExtremeG technology, can increase the range of your wireless network no matter what existing wireless access cards you use. D-Link's AirPlusExtremeG wireless network cards boost wireless speeds by up to 108Mbps, about twice the speed of regular 802.11g 54Mbps cards. They also let you share printers and USB storage devices wirelessly directly through your network – plugging into the router instead of a PC.

By now you probably know that going wireless comes with plenty of benefits. Use your computers where you want, free of the limitations of network cables. Access files stored on hard drives connected to the network and print wirelessly to a network printer. Access the Internet, email and streaming media wirelessly from any room on your portable computer and other Wi-Fi-enabled handheld computers like the Palm and Pocket PC, smartphones with Wi-Fi and even the Sony PSP.

You can also make phone calls using the latest range of wired and wireless VoIP adapters, using your existing phone or one of D-Link's VoIP-enabled models, and an account with a VoIP service provider.

Connect your PC and games consoles like PS2, Xbox/360 (with the appropriate wireless

network connector), Sony PSP and Nintendo DS to wirelessly access a world of online gaming.

And with a wireless digital media player connected to your regular TV, you can watch TV shows and movies stored on your PC or a networked hard drive on your home entertainment system, without needing to burn files to DVD or fiddle with other systems.

By simply replacing your older wireless router with a new one, you can turn on more of this advanced wireless functionality and enjoy the benefits in your home or office today.

Sharing made easy

So, what makes D-Link's DI-624S more than just a standard wireless router? Besides the ability to create a faster wireless network, and Ethernet ports for four wired connections (to other PCs, printers, VoIP Internet phones, and other network devices), the DI-624S also features two USB 2.0 ports. These allow USB flash memory drives and USB hard drives to be attached to the DI-624S so files can be shared across your network, without the need for a permanently switched-on PC. So you and others can easily access, share and save files and backups to the network hard drive any time. The DI-624S allows read and write access to FAT16

and FAT32 formatted drives, with read-only access to NTFS formatted drives.

The USB port can also be used to share a printer across the network. While this seamlessly works with most printers on the market, only the print function of multifunction 'all-in-one' devices is supported for network sharing.

Because the DI-624S is a UPnP-compatible server, you can also store media files (such as music, photos and video) on USB drives so they can be wirelessly accessed by UPnP-compatible media players (like the DSM-320RD featured on page 4) hooked up to a television and/or hi-fi system.

So, with the DSM-320RD and the DI-624S, you can watch media files that are stored on 'the network' through your existing TV, rather than watching them on your PC's smaller screen. And thanks to the quality of service (QoS) technology built-in for fast streaming of media files over your wireless network (Wi-Fi Multimedia), you can experience smooth digital media.

If you're using existing 802.11b wireless network cards running at up to 11Mbps and 802.11g wireless network cards running at up to 54Mbps (or a mix of both) in your computers, you'll find them fully compatible with the DI-624S and you should



even enjoy a greater wireless range than was possible with your old wireless router. However, creating a wireless network of up to 108Mbps is possible when using D-Link's AirPlusExtremeG (or better) enabled wireless network cards. Read more about these cards on page 12. To round out the benefits and capabilities of the DI-624S, security features can't be forgotten. Included as standard is dual firewall functionality, with both Network Address Translation (NAT) and Stateful Packet Inspection (SPI) technology to help protect your network from hackers and malicious attacks. Wireless security is ensured through the now-standard suite of WEP, WPA and WPA2 encryption methods.

A range of file server capabilities is also built-in to the DI-624S, to share files and disk space across a network. An FTP server allows you to securely share files across the Internet. Using the personal web server, you can publish a web site from your own

network storage. There is even an advanced parental control system that allows everyone in your family to have a fun, yet safe time accessing online content.

Setting up your DI-624S is straightforward, too. If you're running Windows XP Service Pack 2, you can even take advantage of Windows Connect Now and simplify the configuration of your wireless settings. Easily store configuration information on a USB flash drive, and then transfer these same settings to other wireless devices, reducing the hassle of configuring wireless settings for multiple devices!

The feature-packed DI-624S brings you an advanced and very capable wireless network. It's an excellent way to get your wireless network to do so much more than just wireless Internet access. It's time to upgrade your existing older wireless router to a brand new D-Link DI-624S and totally upgrade your wireless lifestyle!

Notes:

- USB flash memory drives or USB hard drives are not included with the DI-624S.
- 108Mbps is the maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.
- The advanced parental control functionality is provided through Trend Micro Home Network Security software. It encompasses the router-based Parental Control software, web-based Vulnerability Assessment and Network Security Scan software, and the Internet Security Client Software. 60-Day free trial begins after successful account registration and email validation with Trend Micro. An additional 10 months of Parental Control software service, added to the initial 60-day trial period (totalling one year), is available after download and installation of the Internet Security Service client software.



A two-in-one cordless phone

► DPH-C160S



If you're thinking of upgrading your home phone or getting a new VoIP Internet phone service, there are many choices on the market today. There's even a plethora of online programs you can use with a microphone/headset combination to make free and low-cost calls to almost anywhere with an Internet connection or a telephone.

Despite the popularity of mobile phones, we still like using regular phones when at home or at work. The calling costs can be cheaper, especially with a VoIP Internet phone account, or even free between users of the same VoIP network, while the call quality you'll get with VoIP is better than a mobile phone, too.

So why not create a cordless phone that can be used simultaneously with both landline and VoIP phone accounts - one that plugs into both your regular phone line socket and your Ethernet router by wire, or wirelessly using a wireless Ethernet bridge, at the same time, to make, receive and conduct conference calls from both lines? That's exactly what D-Link's done with the DPH-C160S Cordless DECT phone - and it doesn't need to be plugged into your PC, unlike some competing models! Making and receiving phone calls from either connection is as simple as pressing the appropriate button on the phone itself, much like choosing to make a voice or video call from a 3G mobile phone.

Using a VoIP service provider like GoTalk (www.gotalk.com.au), you can make calls at rates far cheaper than conventional telecommunications service providers offer. This way you can use VoIP as your primary phone service to make and receive calls, and simply use the regular phone to receive calls and as a backup. The DPH-C160S also has all the modern features you'd expect from a cordless phone, including caller ID, redial, call waiting, pager function, a hands-free speakerphone, smooth voice reception, silence suppression and more.

It's the easiest way to make and receive regular and Internet calls on the same telephone, or simply add a cordless Internet phone to your home or office. Look for it in stores in Q4 2006!



▶ DCS-2120

Your virtual eye with the Web or 3G



Want to be able to keep an eye on things when you're away from the home or office? Internet security cameras made this possible, allowing you to access an audio and video stream from any Internet connected computer, anywhere on the planet.

Now the D-Link DCS-2120 Wireless Internet Camera with 3G Mobile Video Support lets you view a live video stream from virtually any 3G-equipped mobile phone or smartphone PDA, giving you a virtual eye into your world from almost anywhere you are – without having to boot up your notebook computer, insert your wireless broadband card or find a Wi-Fi hotspot that needs connecting to.

The software behind the latest Internet security cameras has evolved, too. Intelligent motion detection software coupled with your home or office PC lets you record movement as it happens, instead of wastefully recording 24/7. Snapshots and alerts can be emailed to you by PC or phone. These shorter, more precise recording times also allow you to search through video faster.

Of course, viewing on a computer with a wireless broadband card or at a Wi-Fi hotspot will give you a larger, higher quality image. Users of mobile phones and PDAs with Wi-Fi access can also connect to the camera from a Wi-Fi hotspot.

When connecting from a PC through the web-based Internet Explorer interface, you can view a live stream, or remotely log in to the camera itself to save local copies of recorded images and make changes to the settings. You can manage and monitor up to 16 cameras on your network on the one screen. The IP Surveillance software records video straight to a local or network hard drive, plays it back, and uses motion detection to trigger video/audio recording and/or send email alerts.

Other camera features include a 4x digital zoom and a defence against low-light conditions. The DCS-2120 comes equipped with a "low lux sensitivity" rating of 0.5, ensuring the camera's picture quality remains strong even when lighting conditions darken.

Thankfully, you don't need to be on the road to enjoy all of these benefits! You can monitor other areas of your home or office while on the premises, without leaving your desk.

So, whether you're on location or viewing a live video stream through a web browser or a 3G mobile phone, keeping an eye on things is easier than ever. If you're interested in easy-to-use video security for your home or business, the DCS-2120 really is a cost-effective, powerful and versatile security solution. Available now!

Network buzzword buster



Access Point

This plugs into your wired network and creates a wireless network that other Wi-Fi devices can communicate with, usually within a 100-metre radius.



Cat 5 Cable

Category 5 cables connect PCs, modems, routers and other devices together on an Ethernet network. While often blue in colour, they're also available in other colours.



Cardbus PC Card Notebook Adapter

"Credit card-size" wireless cards (now known as PC Cards) use a standard known as Cardbus to connect to most portable computers. See PC Card.

Unsure what all those networking and wireless buzzwords mean, but were too afraid to ask? While networking technology has been with us for years, sometimes a simple explanation helps make things clearer. This guide will help - and we'll continue our jargon-busting quest in the future issues! In the meantime, if you don't see the term you're wondering about, you can visit www.webopedia.com for an instant answer.

2.4GHz (gigahertz) Wireless refers to the radio frequency that wireless (Wi-Fi) equipment uses to communicate with other Wi-Fi devices. Most Wi-Fi equipment works in the 2.4GHz range, as do some cordless phones, remote entry devices, baby monitors and wireless web cameras. Wi-Fi equipment that works on the 2.4GHz frequency includes 802.11b and g devices (see below).

802.11a is a wireless networking standard that operates in the 5.7GHz frequency. While occasionally used by some consumer-based wireless devices, it's often reserved for business uses.

802.11b is the first wireless standard to gain widespread acceptance for Wi-Fi devices. Operating in the 2.4GHz frequency, it provides data transfer rates of up to 11 Mbps (megabits per second). While 802.11b is still available, most wireless devices now operate using 802.11g, a faster wireless standard which also operates in the 2.4GHz range. With 802.11g devices priced almost identically, you'll only buy 802.11b equipment if you have a special need for this slower wireless standard.

802.11g Currently the most popular Wi-Fi standard, this successor to 802.11b allows devices to talk wirelessly to other 802.11g devices at a much faster rate. Speeds are up to 54Mbps or 108Mbps (megabits per second) depending on the 802.11g Wi-Fi equipment you're using.

802.11n This is the successor to the 802.11g standard and promises to deliver much greater range and speeds than current 802.11g equipment. Although the 802.11n standard is still in the draft stages, networking companies such as D-Link have started delivering wireless networking technology based on the 802.11n standard so consumers can benefit from the fastest speeds now. See page 4 for details on D-Link's range of 802.11n based equipment.

Broadband Refers to cable, DSL (see below) or wireless high-speed Internet access. Available in speeds of 256kbps to 24Mbps (or 24,000kbps), it provides Internet access at much faster speeds than 56kbps dial-up.

Cable modem A modem that connects to the coaxial (co-ax) cable connection that delivers Pay TV and high-speed broadband. The cable modem either connects directly to the Ethernet network port on the back of your computer, or to a router which allows you to share the cable Internet connection amongst a range of computers.

DSL (Digital Subscriber Line) is a high-speed Internet service that works over standard phone lines up to 4km from a telephone exchange and is typically offered by telephone companies. The most popular form currently in Australia is ADSL (Asynchronous Digital Subscriber Line). Many Internet Service Providers (ISPs - see right) have now begun offering faster ADSL services known as ADSL 2, and ADSL 2+. While regular ADSL is normally offered at speeds of up to 1.5Mbps, ADSL 2 boosts that to 12Mbps, while ADSL 2+ lets you travel at super fast broadband speeds of up to 24Mbps.

Dual Speed Ethernet Networking products that run either at 10Mbps or 100Mbps (megabits per second), also referred to as 10/100. A dual speed switch allows users to connect to Ethernet (10Mbps) or Fast Ethernet (100Mbps) products or any combination of them. Equipment connected at 100Mbps can transfer data up to 10 times faster than at 10Mbps. Most cable and DSL modems work with either standard.

Ethernet Developed by Xerox Corporation, Intel and Digital Equipment Corporation in 1976, this is a local-area network (LAN) architecture, and is one of the most widely implemented LAN standards. Most networks in use today are constructed using the Ethernet networking standard, and are connected via Cat 5 cable.



KVM Switch

KVM stands for keyboard, video and mouse. These switches allow you to control two or more PCs using a single keyboard, monitor (screen) and mouse.



Router

A device that connects to a modem, or is built in to a broadband modem to allow multiple PCs to share an Internet connection. The latest routers now combine a wireless access point, modem and more.



VoIP

Voice over Internet Protocol, also called IP Telephony and Internet Telephony, is the technology that lets you make phone calls using the Internet instead of the regular phone system.

Gigabit Ethernet is 10 times faster than Fast Ethernet and transfers data at 1000Mbps. It's also known as 1000Mbit, 1000 megabit or 1000 Base-T. Most business equipment works using the Gigabit Ethernet standard, and while some consumer equipment is now available with Gigabit Ethernet, most work in the Dual Speed Ethernet mode of 10/100Mbps.

Hub A hub is a centralised connection device that allows all PCs to connect and communicate with each other using Ethernet cables. Most home users will get a router in preference to a hub as it handles the sharing of an Internet connection more intelligently than a hub.

Internet The name of all the world's interconnected computer networks. The Internet is more than just the World Wide Web, it encompasses virtually everything available online, from email, to web sites, to chat rooms, newsgroups, peer to peer and much more.

ISP (Internet Service Provider). Companies such as Telstra, Ozemail, Optus and others that provide Internet connections to consumers and businesses. Some companies also now provide wireless access to the Internet through an external wireless modem or an internal wireless broadband card that connects to city-wide towers.

LAN (Local Area Network). This is the name of network you create in the home or office between two or more computers. When you have a network that spans more than one physical location, yet is still connected, this is known as a WAN or Wide Area Network.

NIC (Network Interface Card). These are PCI cards and they come with an Ethernet port. They are installed into computers to allow them to talk to Ethernet networks, the standard type of wired network in homes and business today.

PCI (Peripheral Component Interconnect) is the standard for add-in cards that plug into the expansion slots (known as PCI slots) found inside modern desktop computers.

PCMCIA or PC Card Personal Computer Memory Card International

Association is an industry group organised in 1989 to promote standards for a credit card-size memory or Input/Output devices that fit into a notebook or laptop computer. Commonly known as PC Cards. A new style of PC Card has emerged, known as the ExpressCard. It is smaller and faster than the PC Card but is only available on some of the very latest notebook computers.

Power line Communication (PLC) A networking technology that uses existing power outlets and power lines in homes to create a network. While this technology is around and slowly maturing, the preference today is still to use wired Ethernet network or wireless networking equipment.

QoS (Quality of Service). This is a technology that ensures certain types of Internet communication take priority over others, for example, video streaming or Internet phone calls going through your Internet connection before emails or requests for web pages, to ensure an even higher quality of reception and transmission.

Switch A switch does essentially the same thing as a hub but at higher speeds. It filters and forwards information based on the destination computer. Usually only used by business, as most home users will use a router.

USB (Universal Serial Bus) is a hardware interface used to connect devices to a computer. These devices include network interface cards, keyboards, mice, cameras, webcams, printers, scanners, Ethernet network adapters, mp3 players and more.

USB NIC A Network Interface Card that connects to the computer via a USB port. These are used to quickly and easily connect an Ethernet network port to a desktop computer without needing to open it up to install a PCI Ethernet card. It can also be used with portable computers.

Wireless Bridge Similar in appearance to a wireless access point, a bridge allows you to convert devices with a wired Ethernet networking socket into a device that can connect wirelessly to your wireless network.

Technology guide

▼ Wireless G

54 Mbps

High-Speed 2.4GHz 802.11g Wireless Network Solutions

►01. DWL-G122 ►02. DWL-G630 ►03. DWL-G510 ►04. DWL-G710



►05. DI-524UP ►06. DWL-G700AP ►07. DWL-G730AP

01. AirPlusG™ 54Mbps Wireless USB Key Adapter
A USB 2.0 wireless adapter for 802.11g/b networks.

02. AirPlusG™ 54Mbps Wireless LAN Cardbus Adapter
A wireless PC card to access 802.11g/b networks.

03. AirPlusG™ 54Mbps Wireless

LAN PCI Adapter
An internal PCI wireless card for desktop computers and 802.11g/b networks.

04. AirPlusG™ 54Mbps Wireless Range Extender
Create a larger wireless network

05. AirPlusG™ 54Mbps Wireless Broadband Router
Create an advanced wireless network

with USB and QoS for VoIP.

06. AirPlusG™ 54Mbps Wireless LAN Access Point

Plug into your wired network to create an 802.11g wireless network.

07. AirPlusG™ Pocket Wireless Router/Access Point
Create a wireless network anywhere!



►08. DWL-922



►09. DWL-923



►10. DWL-925

08. AirPlusG™ 54Mbps Wireless USB Kit

This new kit features the DI-524 wireless router. It operates on the 802.11g standard at 54Mbps speeds. It comes with a DWL-G122 USB 54Mbps Wireless adapter which is suitable for desktop or laptop computers.

09. AirPlusG™ 54Mbps Wireless Laptop Kit

The second new kit is the DWL-923. This replaces the USB adapter with the DWL-G630, a 54Mbps wireless PCMCIA card for laptop computers.

10. AirPlusG™ 54Mbps Wireless Desktop Kit

The third new kit is the DWL-925. This kit replaces the USB adapter with the DWL-G510, a 54Mbps wireless PCI Adapter for desktop computers.

▼ Wireless 108G

108 Mbps

High-Speed 2.4GHz XtremeG 108G Wireless Solutions

►11. DWL-G132 ►12. DWL-G650 ►13. DWL-G520



►14. DI-624S ►15. DWL-2100AP ►16. DWL-G810

The 108G solutions transfer data at up to twice the speed of standard 802.11g equipment.

11. Wireless 108G USB Adapter

A USB 2.0 wireless adapter for notebooks and desktops.

12. Wireless 108G Cardbus Adapter

A wireless PC Card adaptor for notebooks.

13. Wireless 108G PCI Adapter

An internal wireless adaptor for desktops.

14. Wireless 108G Storage Router

Share a network connection, Internet access, multiple USB 2.0 storage drives and printers. Create an advanced, high speed wireless network in your home or business.

15. Wireless 108G Access Point

Turn your wired network into a 108G wireless network.

16. High-Speed 108G Wireless Bridge

Convert any Ethernet enabled device such as video games consoles, Ethernet based printers and more into a 108G wireless device.

▼ Wireless 108G MIMO

108 Mbps

2XR

High-Speed 2.4GHz XtremeG 108G MIMO Wireless Solutions



►17. DWL-G520M



►18. DWL-G650M



►19. DI-634M

108G MIMO transfers data at even faster speeds than standard 108G equipment with increased range.

17. DWL-G520M AirPlusXtremeG™ 108Mbps MIMO PCI Adapter

An internal network card for desktop computers.

18. DWL-G650M AirPlusXtremeG™ 108Mbps MIMO CardBus Adapter

For notebook computers.

19. DI-634M AirPlusXtremeG™ 108Mbps Wireless MIMO Router

The router needed to operate at faster 108G MIMO speeds when working with 108G MIMO cards. Built-in 4-port Fast Ethernet Switch. Includes Bigpond Cable Client.

▼ Telephone Adapter

▶ 20. DPH-120S



▶ 21. DVG-2001S



▶ 22. DVG-G1402S



▶ 23. DI-102



▶ 24. DVA-G3342S



Solutions for making phone calls over the Internet using VoIP

20. DPH-120S Broadband Internet Telephone*

A full-featured, cost-effective IP telephone for homes and businesses in the standard 'deskphone' style. Compatible with most VoIP telephone service providers.

21. DVG-2001S VoIP Terminal Adapter*

Plug in your existing corded or cordless analog telephone and use to make Internet phone calls.

22. DVG-G1402S VoIP Station Gateway*

A wireless broadband router with VoIP phone sockets and QoS for increased quality calls.

23. DI-102 Broadband Internet/VoIP Accelerator*

Uses QoS technology for static-free VoIP calls, jitter-free streaming video and lag-free online gaming by prioritising bandwidth-sensitive packets so that they can be sent over the Internet as soon as the request is made. Upgrade your existing VoIP equipment to take advantage of QoS.

24. DVA-G3342S Wireless ADSL2+ Triple Play Router*

A wireless broadband router with ADSL 2+ modem, 2 VoIP phone ports and more.

* Note: You must choose an Internet (VoIP) Phone Service Plan and sign up for service. VoIP phone plans, rates and features may vary depending on VoIP Phone Service

Provider(s). D-Link Australia Pty Ltd is not a Telephone Service Provider or VoIP Phone Service Provider. Please check the limitations of liability as outlined by your VoIP Service Provider. Voice quality may be affected if large file transfer occurs at the same time.

▼ Wireless N

New!

Do you feel the need for speed? Wireless N transfers data at speeds of up to 650% faster than standard 108G equipment with greater range than ever before. Based on the 802.11n draft standard, you can attain speeds even faster than 100Mbps wired Ethernet networks.



▶ 25. DIR-635

25. DIR-635 RangeBooster N 650 Wireless Router

The wireless router you need to create D-Link's fastest wireless network yet in your home or office.



▶ 26. DWA-645

26. DWA-645 RangeBooster N 650 Notebook Adapter

For portable computers, this card works with the RangeBooster N router to deliver faster speeds and greater range.



▶ 27. DWA-547

27. DWA-547 RangeBooster N 650 Desktop Adapter

Desktop computers can also benefit from the massive speed and range of the RangeBooster N solution. Put your desktop computers where they suit you - the triple antenna ensures you get coverage where you need it.

▼ Wireless Media Gateway

New!

▶ 28. DSM-320RD

28. DSM-320RD Wireless Media Gateway

Watch digital media stored on your PC's hard drive through your TV and existing home theatre system! Includes DVD player and memory card reader. Also available is the DSM-320.

▼ Indoor Wireless Antennae



▶ 29. ANT24-0700

▶ 30. ANT24-0600

Increase the range of your 802.11b/g wireless network

29. 7dBi High Gain Omni-Directional Antenna

Provides high transmission/reception rates for wireless LAN devices operating on the 2.4Ghz band. Works with 802.11b/g.

30. 6dBi Indoor Directional Antenna

Connect this antenna directly to the wireless access point or wireless router using a reverse SMA connector.

Technology guide

▼ ADSL Modems & Routers

01. Wireless ADSL2/2+ Router + Built-in 4-Port Switch

An ADSL2/2+ wireless broadband router (up to 24Mbps download speeds*) with 802.11g wireless networking, a 10/100 4-port switch & much more.

02. Fast Ethernet ADSL2/2+ Router + Built-in 4-Port Switch

ADSL2/2+ wired rout-

er with 10/100 4-port switch, SPI Firewall, DHCP and more.

03. USB ADSL Modem

A USB ADSL modem for desktop or notebook PCs.

04. USB/Fast Ethernet Combo ADSL2/2+ Router

A USB and fast Ethernet ADSL2/2+ modem that lets you connect at up to 24Mbps speeds*.

05. Wireless ADSL2/2+ VPN Router

High-speed wireless router with VPN designed for business usage.

* Your ISP must support and provide you with an ADSL 2, ADSL 2+ service for these features to be available. This product will operate as a standard ADSL modem when an ADSL 2/2+ service is not available.

►02. DSL-504T



►03. DSL-200



►05. DSL-G804V



►01. DSL-G604T



►04. DSL-502T



▼ Wireless Print Servers

Turn your wired printers wireless!

06. Wireless 2.4GHz USB 2.0 Print Server

An 802.11g wireless Print Server with one USB 2.0 port that lets you share a USB printer on the network.

07. Wireless 2.4GHz Parallel Print Server

A wireless 802.11g Print Server with one bi-directional parallel port for direct connection to parallel port printers. Conveniently make existing printers wireless.

08. Multi-Port Two USB 2.0 & Single Parallel Print Server

An 802.11g wireless print server with two USB 2.0 ports and a parallel port for connecting legacy parallel printers with multiple networking options.

►07. DP-G301

►06. DP-G310



►08. DP-G321



▼ USB



►09. DUB-H4

►10. DFB-H7

►11. DUB-H7

09. 4-Port USB 2.0 Hub, up to 480Mbps speed

A 4-port USB 2.0 hub that connects 4 USB devices to your PC or Mac. Also available in a 7-port USB 2.0 model. Comes with a DC 5V/2.5A external power supply.

10. USB 2.0/FireWire Combo Hub

A combination USB 2.0 and 1394 FireWire hub that lets you connect four USB 2.0 devices and two FireWire devices and many

more if daisy-chained. Comes with a USB and a FireWire cable and must be plugged into both sockets for all ports on the hub to work.

11. USB 2.0 PCI Card

Easily add two USB 2.0 ports to your PC. Great for older PCs without USB 2.0 ports, or for simply adding more ports to your current PC so you can connect more devices to your PC. Available for PCs only.

▼ KVM Switches



►12. DVKM-2K

►13. DVKM-4K

►14. DVKM-CB

12. Mini KVM Switch Kit for 2 PCs

Control 2 different PCs from a single keyboard, mouse and VGA monitor. It includes a 2-port KVM (Keyboard, Video and Mouse) switch, and 2 sets of built-in cables for ready connection to 2 PCs.

13. 4-Port KVM Switch

A 4-port KVM switch for controlling up to 4 PCs using a single keyboard, monitor and mouse.

Includes two 6ft. KVM cables. Use the at-a-glance LED indicators for computer status, hot keys and push buttons for switching between computers and a handy autoscan mode.

14. DVKM-CB Cable Kit

This cable kit allows you to effortlessly connect a computer's monitor, keyboard and mouse to a KVM switch. Keep your office or workspace organised, easy to manage and free of cable clutter.

▼ Internet Security Camera



►15. DCS-2120

►16. DCS-G900

►17. DCS-3220G

►18. DVC-1000

►19. DCS-5300G

Internet cameras for security and surveillance

15. DCS-2120 Wireless Internet Camera for Home/SOHO

A wireless Internet security camera that allows you to view a live video stream through a web browser or compatible 3G phones and PDAs when in 3G coverage.

16. 802.11g Wireless G Internet Camera

A stand alone camera with built-in CPU and web server that transmits high quality video images for

monitoring, and can be accessed remotely or controlled from any PC with Internet access.

17. 802.11g Wireless 2-Way Audio Internet Camera

A fully featured surveillance system that connects to wired Ethernet or 802.11g wireless. Offers two way audio allowing you to talk to anyone at your camera site. Sharp video with life-like colour, a 4x digital zoom and more.

18. Broadband Videophone

Turns the TV into

a broadband video phone - no PC required! Instantly make and receive high quality video phone calls (at a smooth 30 frames per second) to anyone else also using a DVC-1000.

19. Wireless IP Security Camera with Integrated Pan, Tilt, Zoom, Web Server & Motion Detection

The ultimate wireless camera with pan, tilt, zoom, motion detection, a high-quality CCD sensor, remote web control and much, much more. The top of the range.

▼ Home Switches

D-Link's high performance switches are designed to eliminate unnecessary traffic, and relieve congestion by delivering dedicated bandwidth for each port.

►20. DES-1008D



20. DES-1008D 8-Port 10/100Mbps Switch
Fast Ethernet Unmanaged Desktop Switch. Up to 200Mbps, auto-MDIX, Half/Full duplex support.

►21. DGS-1008D



21. DGS-1008D 8-Port 10/100/1000Mbps Switch
Gigabit Unmanaged desktop switch, auto MDI/MDIX uplink, full/half duplex auto-negotiation, flow-control, 16Gbps switching capacity, desktop or wall-mount.

►22. DES-1024DG



22. DES-1024DG 22-Port 10/100Mbps Switch with 2-Port Gigabit
Fast Ethernet Unmanaged Desktop Switch with Built-in 2-Port 1000BaseT Copper Gigabit. Auto MDI/MDIX, flow control, auto-learning of network configuration.

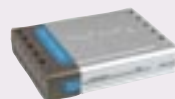
▼ Home Network Storage



►23. DNS-312H



►24. DNS-300



►25. DNS-120

23. USB 2.0 Network Attached Storage Drives with built-in Print Server

A Network Attached Storage (NAS) device that features a 120Gb pre-installed hard drive. Quick and

simple installation that requires no network downtime, with more features. Also available as the **(24)** DNS-300 without pre-installed hard disk, while the **(25)** DNS-120 connects USB drives to your wired network.

▼ Gaming Routers



26. DGL-4300 Wireless 108Mbps Gaming Router™

A high-powered wireless router with high performance Gigabit LAN ports. Featuring GameFuel™ Priority technology for bandwidth-intensive applications like online gaming, multimedia streaming, and VoIP applications. GameFuel™ Priority uses a custom traffic routing engine, which automatically prioritises and intelligently manages these bandwidth-sensitive applications.

Stay competitive in your game and still have enough available bandwidth to make VoIP calls and enjoy your streaming media. Also available as the DGL-4100 without wireless.

27. DGL-3420 GamerLounge™ Wireless 108AG Gaming Adapter

A high-performance Gaming Adapter designed to work with DGL series routers.



►26. DGL-4300



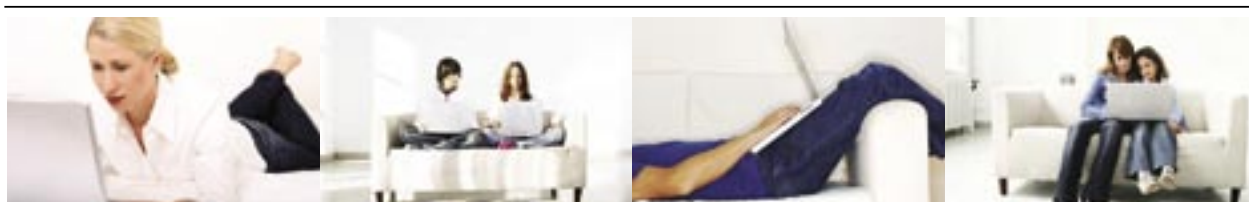
►27. DGL-3420

SHARE THE INTERNET, PRINTERS AND STORAGE WIRELESSLY



...with the D-Link DI-624S Wireless 108G Storage Router

The Wireless 108G Storage Router is a feature packed router which can share Broadband Internet, USB Hard Disk drives and USB Printers, at accelerated wireless speeds up to 108Mbps.



Create a Personal Web Site - Create a Music & Multimedia Center - Network Security - Compatible with Intel Centrino - Easy Setup

Also available in the D-Link range:



DI-524
Wireless G Router
Share a broadband Internet connection without wires



DI-524UP
Wireless G Router + USB Print server
Share a USB printer on a Wireless Network



DI-624
Wireless 108G Router
Share Music and Video files at enhanced wireless speeds



DI-634
Wireless 108G MIMO Router
Increased range and speed for best of breed wireless networking



DGL-4300
Wireless 108G Gaming Router
Optimised performance for on-line gaming



a D-Link DSM-320RD Wireless Media Player.
To enter* simply go to www.dlink.com.au/d-lifestyle



These products are available from
leading retailers and resellers.

For product enquiries please call
1300 700 100

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www.dlink.com.au

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