



## Network Switches that Connect Businesses to More Efficiency and Control

### Switching



#### Advantages of D-Link Switching Solutions

- Trouble-free voice and video support.
- Handle any bandwidth need with mix-and-match 10/100, GbE or 10 GbE ports.
- Flexible connectivity including mixed copper and fiber as required.
- Non-blocking wire-speed performance up to 576 Gbps.
- Unified management and control of wireless and wired access for greater security, lower costs.
- Guaranteed interoperability to reduce operational costs.
- Automated, robust security to lower risks and costs.
- Choice of modular or stacking approach for superior scalability options.

D-Link offers an impressive suite of business class switches that provide the foundation for a full range of high value network solutions. Built on the strength of these D-Link network switches, specific network solutions can help small and mid-size businesses, hospitals, schools, universities and government agencies meet the challenge of growing demands and shrinking resources.

From enabling physical security to managing an end to end wireless infrastructure to protecting and storing sensitive data, D-Link network switches provide the basis for secure and reliable business networks.

D-Link Professional Services, certified distributors and qualified resellers across North America ensure the best fit solution from a broad portfolio of switches including managed, unmanaged, smart, and unified wireless product suites.

#### Global Capability Means More Value

D-Link designed and manufactured the first small form factor network switch over 25 years ago. Today, D-link is recognized as one of the largest global suppliers of network switches, ranking #2 in small business and #3 in enterprise Ethernet switches sold worldwide. World-class manufacturing facilities allow D-Link to offer a broad range of high-quality enterprise switches, ensuring that you get just the right product with the richest capabilities at a superior

#### D-Link Switches For Nearly Every Business Need

*A global leader in networking solutions celebrating over 25 years in business, D-Link's proven reliable, high quality switches help you build a better network infrastructure while reducing capital outlay.*

Switch Class	Applications and Advantages
<b>Unmanaged</b>	High-quality solution suitable for simple plug-and-play access. Apply where user PCs and print servers connect and no switch management is required.
<b>Managed</b>	Scalability and resilience from stacked architecture fits a wide range of core to edge placements. Apply where robust security, full monitoring and management capabilities, and flexible application support including bandwidth control and failover are needed.
<b>Smart</b>	Simple browser-based GUI makes Web Smart switches suitable for remote locations without trained IT personnel onsite. Handles data, voice and video applications where control over VLAN segmentation, QoS and basic Simple Network Management Protocol (SNMP) status monitoring is all the management needed.
<b>Unified</b>	Suitable for core or edge deployment to flexibly connect wireless Access Points. Unifies WLAN security, configuration and management into the high performance and lower TCO of unified D-Link networks.
<b>Chassis</b>	Ideal where maximum performance, multilayer support, high density, resilience, redundancy, and flexibility including modular expansion are critical including: <ul style="list-style-type: none"> <li>• Core of medium enterprise networks</li> <li>• Distribution layer of larger networks</li> <li>• Future-proof, high-density wiring closets.</li> </ul>

# D-Link®

25 YEARS  
of technology & innovation

## About D-Link

With over 25 years of building networks for businesses worldwide, D-Link's innovative technologies empower organizations to connect to more productivity, more security, and more opportunity. D-Link's award winning portfolio of products and services include IP Surveillance, switching, wireless, broadband, storage, and cloud-based network management. All designed for high performance, superior value and ease of use.

value. Our business model includes lowering total cost of ownership through:

- lifetime warranties
- free firmware upgrades
- free phone and web support
- no annual maintenance contracts

Value also means reliability and ease of integration and maintenance. And D-Link's innovative green design means switches that reduce your energy costs too.

## Easy Installation and Greater Flexibility with PoE

Standards-based Power over Ethernet (PoE) eliminates the cost of running power for network devices like IP Cameras and VoIP phones while reducing energy costs via lower output for shorter cable runs. Gain the flexibility for both lower power and high power network devices such as IP surveillance cameras, wireless LAN access points and Bluetooth devices.

## Standards Based Solutions Lower Total Cost of Ownership

Standards-based D-Link switches avoid the lock-in of other vendors' proprietary approaches. D-Link switches efficiently support advanced features, segmentation and routing protocols. D-Link provides the features and functions demanded of higher level switches, including:

- Data-driven Internet Group Management Protocol (IGMP) to avoid video congestion
- Link redundancy and bandwidth scalability through Open Shortest Path First (OSPF).
- Advanced diagnostics for trouble-free L3 routing.

## Reliability and Redundancy Mean Maximum Uptime

When business is booming, students are learning and patients need help, the last thing

you need is unreliable connectivity. That's why D-Link business class switching and routing technologies include virtual router redundancy protocol (VRRP), multiple spanning tree protocol (MSTP), and redundant switch fabrics; technologies that combine for 24x7 reliability. Furthermore, intelligent Quality of Service (QoS) features guarantee priority for latency sensitive traffic such as VoIP and video. These and other numerous D-Link innovations connect users to greater productivity.

## A Better Switch for the Environment

Businesses with complex network infrastructures supporting core and edge switches in place for five or more years can significantly reduce energy costs with D-Link network switches.

D-Link's pioneering green design leverages innovative, eco-friendly concepts and manufacturing to extend product life, reduce power consumption, lessen heat dissipation, and reduce operating costs.

## Professional Services and Support

D-Link specialized networking resellers together with D-Link Professional services are available to assist with a variety of networking needs including:

- **Network Assessment Services** – Operational, tactical and strategic guidance to upgrade or build a cost-effective reliable network infrastructure.
- **Network Installation Services** – Installation and configuration for single vendor or mixed vendor environments.
- **Network Security Audit** – Determination of security needs and best switch choice, configuration and network design to protect data and defend against malware.

Call or visit the web address below for more information on the complete line of business products:

[www.dlink.com](http://www.dlink.com) | [www.dlink.ca](http://www.dlink.ca) | 888.331.8686 | Email: [getmore@dlink.com](mailto:getmore@dlink.com)