

# D-Link DGS-3630 Series Layer 3 Stackable Managed Switches

Enterprise Agile — High Performance. Available.  
Scalable. Flexible. Robust. Secure. Validated.



## Overview

The DGS-3630 Series Layer 3 Stackable Managed Switches are designed for Small to Medium-sized Businesses (SMBs), Small to Medium-sized Enterprises (SMEs), large enterprises and Internet Service Providers (ISPs). They deliver high performance, flexibility, fault tolerance and advanced software features, for maximum return on investment. With Gigabit Copper, Gigabit SFP, 10 GbE SFP+, security features and advanced Quality of Service (QoS), the DGS-3630 Series can act as core, distribution or access layer switches. High port densities, switch stacking and easy management, make the DGS-3630 Series suitable for a variety of applications.

Figure 1. D-Link DGS-3630 Series Layer 3 Stackable Managed Switches



DGS-3630 Series Port Combinations					
Model	DGS-3630-28SC	DGS-3630-28TC	DGS-3630-52TC	DGS-3630-28PC	DGS-3630-52PC
Port Count	20 SFP + 4 Combo + 4 10 GbE SFP+	20 GbE + 4 Combo + 4 10 GbE SFP+	44 GbE + 4 Combo + 4 10 GbE SFP+	20 PoE GbE + 4 PoE Combo + 4 10 GbE SFP+	44 PoE GbE + 4 PoE Combo + 4 10 GbE SFP+

## High-Performance Value

The DGS-3630 Series allows I.T. managers to deploy a cost-effective L2/L2+ solution today and upgrade to an L3 solution in the future if networking needs change and a full dynamic routing solution is required. The Series offers three different software images: The Standard Image (SI), the Enhanced Image (EI) and the MPLS Image (MI). With multiple software images, only the required features need to be installed, providing a flexible approach to software management.



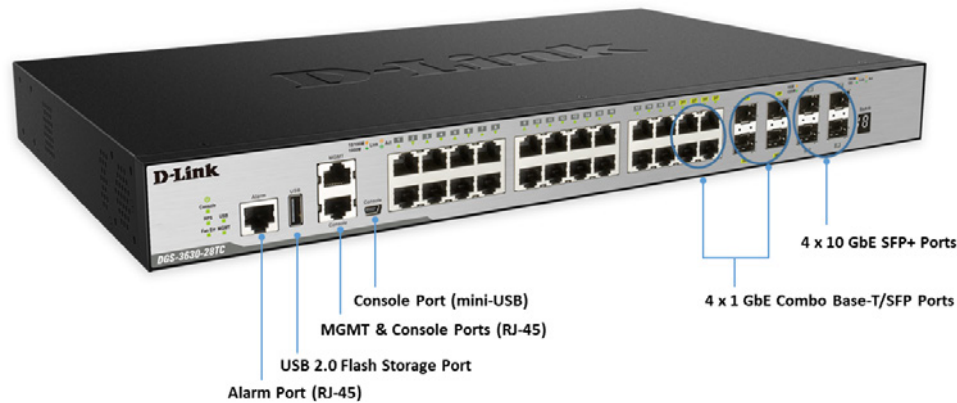
## Simplified Deployment

The DGS-3630 Series supports auto-configuration, simplifying deployment with a truly plug-and-play experience. The DHCP auto-configuration and auto-image features can also be used to deploy multiple switches automatically, saving time and costs for mass deployment.

### Available

Hardware-based OAM enables the highest level of service assurance. Hardware OAM ensures available performance by detecting service failures within milliseconds. A Hardware Dying Gasp feature automatically sends an alert message to the network administrator when a power outage occurs, which saves maintenance time and increases operational efficiency.

**Figure 2.** D-Link DGS-3630 Series Layer 3 Stackable Managed Switch Interfaces



### Scalable

The DGS-3630 Series allows multiple switches to be combined to form a single physical or virtual stack. This increases redundancy over multiple physical units, simplifies management and provides a single IP address to manage all members in the stack. Up to 9 switches can be stacked, allowing switching capacity to be increased with demand up to 80 GB of bandwidth.

### Flexible

The Switch Resource Management (SRM) feature allows the hardware table size to be dynamically changed, so that switch functions can be distributed and optimized based on the use case applications of the switch.

### Robust

The DGS-3630 Series features built-in 6 kV surge protection on all PoE and non-PoE

Ethernet access ports and requires no external surge protection devices. This effectively protects the switches against sudden electrical surges caused events such as lightning strikes or unstable electrical current. Built-in 6 kV surge protection significantly reduces the chances of equipment being damaged by electrical surges and effectively lowers maintenance costs by minimizing the need for expensive equipment repairs or replacement.



### Secure

The DGS-3630 Series provides a complete set of security features. The DGS-3630 Series also offers extensive VLAN support to enhance security and performance. A robust set of QoS features help ensure that critical network services such as Voice over IP and video conferences are given high priority through the network. The D-Link Safeguard Engine increases the switches' reliability, serviceability and availability by preventing traffic flooding caused by malicious attacks.



### Validated

Tolly, a leading global provider of third-party validation services for vendors of IT products and services, independently tested and verified the performance of the DGS-3630 Series. The Series matched or exceeded the performance of the Cisco Systems Catalyst 3650-24TD-E at a significantly lower price and while consuming much less power. Layer 2 and 3 LIFO latency and MAC Address collision per port were considerably lower than the Cisco switch.



Combining the scalability and flexibility of high port densities, switch stacking and easy management suitable for a variety of applications, the DGS-3630 Series of Layer 3 Stackable Managed Switches enable small to medium-sized business, enterprises and ISPs to meet their growing network needs with high-performance value and enterprise agility.

### **Warranty**

D-Link offers a Limited Lifetime Warranty and optional D-Link Assist rapid response support on the DGS-3630 Series of Layer 3 Stackable Managed Gigabit Switches. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly-trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away. This further demonstrates D-Link's commitment to product quality and long-term customer confidence.



For information about Limited Lifetime Warranty and D-Link Assist, visit [www.dlink.com/support](http://www.dlink.com/support).

### **Technical Support**

For information about D-Link Technical Support, visit [www.dlink.com/support](http://www.dlink.com/support).

### **More Information**

For more information about the DGS-3630 Series of Layer 3 Stackable Managed Switches, visit [www.dlink.com](http://www.dlink.com).

