



## 【 Core to Edge Switches 】

### Comprehensive Core-to-Edge Coverage for Future Key Network Architectures

To meet the future demands of diverse business models, high-speed data transmission, and bandwidth requirements, D-Link's comprehensive Backhaul Network Solution integrates high-speed core, aggregation, and diverse edge switch models to provide secure, reliable, and low-latency data transmission in various application scenarios for enterprise infrastructure network deployment.

The three-tier hierarchical network model encompasses core, aggregation, and edge switches. PoE switches utilize existing network cables to conveniently provide power and transmit data to wireless access points, monitoring devices, and PoE powered devices (PD) to reduce installation time and deployment costs. Through a three-tier network architecture, it can meet the backbone network architecture needs of small offices, small and medium-sized enterprises, and large enterprises. Coupled with various terminal network application methods, it provides stable network transmission, serving as a precise hub in the network ecosystem to ensure overall network efficiency and stability.

The core switch, serving as the main backbone of the network, possesses high-speed switching and flexible, multi-functional routing capabilities to efficiently process large amounts of data and prevent losses due to downtime. The aggregation switch enables network infrastructure scalability, handles the aggregation of data traffic, and integrates multiple edge networks to reduce the load on the core switch. Lastly, the edge switch provides efficient, stable, and secure connections to end-users.

D-Link's Core to Edge Switch solution covers end-to-end network infrastructure to enable various industries to meet diverse network deployment needs.

#### **About D-Link**

D-Link is a global leader in designing and developing networking and connectivity products and total solutions for consumers, small businesses, medium to large-sized enterprises, and service providers. From relatively modest beginnings in Taiwan, the company has grown into an award-winning global brand in 43 countries. Find out more about D-Link at [www.dlink.com](http://www.dlink.com)