



## 【 End-to-End Fiber Solution 】

### End-to-End Fiber Network Solution from Head-End to User-End to Provide High-Speed Last-Mile Connectivity

In response to the rapidly evolving networking landscape with the need for high-speed data transmission, D-Link introduces the End-to-End Fiber Solution, an innovative fiber optic solution that seamlessly integrates from the head-end to the user-end. This solution, featuring outstanding performance and rich functionality, caters to the requirements of fiber optic network deployment. It encompasses both Active Fiber Ethernet and Passive Optical Network (PON) technologies, delivering high-speed, high-efficiency, and high-quality network communication. It aims to offer users a more intelligent, convenient, and stable fiber optic network communication experience, showcasing D-Link's leading position in the industry.

D-Link's 10G Ethernet Fiber Solution provides two core switch options with different capacities, catering to the diverse needs of enterprise deployments. The Aggregation Switch, located between floors, offers connectivity between the data center and various floors. The PoE Edge switch, located in user working areas, delivers power to devices and network services to users. Additionally, Enterprise Access Points (EAPs), powered by Ethernet, provide Wi-Fi connectivity to enhance user connectivity.

D-Link's 10G PON Fiber Solution uses a unified fiber optic line terminal (OLT) and optical network terminal (ONT) for point-to-multipoint transmission. It addresses common interoperability (IOP) issues encountered in general network deployments and supports transmission speeds of 2.5G for GPON, 10G for XGSPON, and a hybrid Combo GPON/XGSPON. Users can flexibly configure the solution based on actual field requirements. The user-end options include the one-box solution, integrating Wi-Fi and Voice over Internet Protocol (VoIP) technologies, and the two-box solution, which only provides internet connectivity and can be paired with a Wi-Fi router. Both options feature Ethernet LAN ports with speeds up to 10G, suitable for various devices and ensures fast and reliable connections. The one-box option can be expanded to integrate with switches, offering different port numbers and Power over Ethernet (PoE) capabilities to meet diverse user 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)