



D-Link DWS-3160-24PC network switch Managed L2+ Power over Ethernet (PoE) 1U



Model: DWS-3160-24PC

Manufacturer: D-LINK

EAN: 790069368127

Product Code: 413303

R48,032

The DWS-3160 is D-Link's latest Unified L2+ Gigabit Wired/Wireless Switch. Designed to be the ideal mobility solution for medium-sized and large enterprises and service providers, the DWS-3160 empowers administrators to exercise total control over their wireless networks by centralizing all aspects of provisioning and management. Able to manage up to 64 D-Link Unified Access Points by itself and up to 256 in a switch cluster, the DWS-3160 can be configured to act either as a Wireless Controller in the core network, or as an L2+ Gigabit Switch at the edge, enabling it to be seamlessly integrated into any existing network infrastructure.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Simplified Management

The DWS-3160 is able to centralize all critical WLAN management, thereby eliminating the need to manage access points individually. The administrator simply assigns a profile to an individual D-Link Unified Access Point, and the configuration corresponding to that profile would be applied onto that access point automatically. In addition, the DWS-3160 can apply new firmware to all D-Link Unified Access Points on the network, thus greatly simplifying the upgrade process. Besides its wireless capabilities, the DWS-3160 also excels as an advanced L2+ switch. Complete with RIPv1/v2 dynamic routing, ACL security, multilayer QoS, comprehensive VLAN support, as well as Multicast Snooping capabilities, the DWS-3160 enables easy and flexible deployment. Furthermore, multiple DWS-3160s can form a Switch Cluster, which enables the administrator to configure all switches from one single Cluster Master. As the size of the cluster grows, so can the number of D-Link Unified Access Points being managed. Up to 256 D-Link Unified Access Points may be managed by the Switch Cluster. This helps to significantly simplify management and reduce maintenance efforts when a network is scaled up.

Trusted Security

The DWS-3160 offers a state-of-the-art Wireless Intrusion Detection System (WIDS), which empowers administrators to detect Rogue Access Points and Rogue Clients, effectively preventing them from causing damage to the network. The administrator can also activate various threat detections and use Radio Frequency Scan to sweep the entire wireless network to identify any possible security breach in advance.

When working in conjunction with D-Link Unified Access Points, Virtual Access Points may be easily configured and managed, allowing the administrator to assign different access privileges to different classes of users. In addition to WPA and WPA2, an added measure of protection is added with an advanced captive portal, thus enabling only authorized users to utilize the wireless network. On the wired side, the DWS-3160 utilizes Access Control Lists to tightly control what goes in and out of the network by setting up a number of simple rules. Along with other advanced security features, such as 802.1X Network Access Control and advanced Denial-of-Service Protection, the DWS-3160 provides robust and centralized security, ensuring maximum network reliability.

Network Resiliency

When a number of access points are deployed close to each other, interference may result if proper RF management is not implemented. The DWS-3160 is aware of how the radio spectrum is being utilized in the network and will automatically assign the most optimized channel to each access point under its management. This greatly reduces RF interference and will allow the administrator to deploy APs more densely.

To further minimize interference, when a number of access points are operating on the same channel within close proximity of each other, the DWS-3160 will reduce the transmission power of these access points. When, for whatever reason, there is no longer so many access points present, transmission power will be increased to expand network coverage. To ensure that no access point is overburdened while others sit idle, the DWS-3160 will prevent certain D-Link Unified Access Points from accepting new association requests if its resources are fully utilized. A neighboring D-Link Unified Access Point will instead pick up the load. This ensures that proper load balancing is in place, and the network will function in the most optimal state.

Seamless Mobility

Wireless clients can enjoy seamless and uninterrupted roaming from AP to AP if they are managed by the same DWS-3160, even if they are not in the same subnet. Because the DWS-3160 employs various mechanisms such as pre-authentication and keycaching, wireless users can freely roam the entire network without needing to re-authenticate. This allows tablet and smart phone and netbook computer users to travel freely within any premise covered by the DWS-3160's managed APs without having to worry about network connectivity, thus enabling for a truly mobile workplace.