



Ideal SMB Business Solution

- + Low-profile ID with Omni-directional Antenna Design
- + Ideal for Indoor Deployment

High Performance Connectivity

- + IEEE 802.11g Wireless
- + Up to 108Mbps¹
- + Self-Tuning Features to Adjust and Optimize RF Settings
- + WLAN Partition

Trusted Security Features

- + 64/128/152-bit WEP
- + WPA™
- + WPA-PSK
- + WPA2™
- + WPA2-PSK

Convenient Installation

- + 802.3af Power-over-Ethernet Device
- + Zero-configuration Installation

Easy Management

- + Via Smart WLAN Manager Application

Web Smart PoE Thin Access Point, 802.3af, 802.11g

Flexible Wireless LAN Connectivity

The small form factor DWL-3140AP provides secure client access and wireless functionality to the DES-1228P Web Smart Switch. Installation of multiple DWL-3140APs increases client mobility within a network. Each DWL-3140AP continually tunes itself for optimal RF channel and provides all mobile clients with the best wireless signal. DWL-3140APs can link to DES-1228Ps directly or through the existing wired network - even across Layer 3 boundaries - and receive Power-over-Ethernet (PoE) from directly connected DES-1228Ps or third-party PoE injectors.

Self-Configuration and Easy Installation

The DES-1228P Web Smart Switch automatically configures every connected DWL-3140AP, eliminating manual configuration. If a DWL-3140AP needs to be replaced, the replacement DWL-3140AP automatically inherits the same configuration, making the replacement process analogous to changing a light bulb. These DWL-3140APs intentionally resemble smoke detectors to minimize visibility. No protruding antennas or other obvious hallmarks of an AP makes the possibility of tampering less likely.

Port-based Anti-rogue Function

The DES-1228P's port-based anti-rogue function verifies the connection keys of connected APs. If a connected AP does not have the correct key, the DES-1228P will disable the AP's port, preventing rogue-AP access to your network.



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Technical Specifications

Software

Security	+ 64-bit, 128-bit, 152-bit WEP	+ WPA™
	+ WPA-PSK	+ WPA2™
	+ WPA2-PSK	+ MAC Address Filtering
	+ SSID Broadcast	
Network	+ IEEE 802.11g	+ IEEE 802.11b
	+ IEEE 802.3	+ IEEE 802.3u
	+ IEEE 802.3x	

Physical & Environmental

Interface	+ LAN	+ Power Jack
	+ Reset Button	
Diagnostic LEDs	+ Power	+ LAN
	+ WLAN	
Antenna Type	+ Internal Omni-directional	
Operating Voltage	+ 5VDC +/- 10%	
Dimensions (W x D x H)	+ Item: 4.75 x 4.75 x 1.5in (120.7 x 120.7 x 38.1mm)	+ Packaging: 10.8 x 8.2 x 2.7in (274.1 x 208.1 x 70.1mm)
Weight	+ Item: 0.5 lbs (0.24 kg)	+ Packaging: 1.8 lbs (0.81 kg)
Operating Temperature Range	+ 32°F to 104°F (0°C to 40°C)	
Storage Temperature Range	+ -4°F to 131°F (-20°C to 55°C)	
Operating Humidity	+ 10% ~ 90% (Non-condensing)	
Certifications	+ FCC Class B	

Warranty Information

Warranty	+ 1-Year Limited ²
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Ordering Information

<i>Part Number</i>	<i>Description</i>
DES-1228P	Web Smart 24-Port 10/100 PoE Wireless Switch, 4 Gigabit Copper, 2 Combo SFP
DWL-3140AP	Web Smart PoE Thin Access Point 802.3af, 802.11g, for DES-1228P

¹ Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

² Available only in the USA and Canada.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.