Cloud Management

- Deploy multiple self-configuring access points in minutes
- Manage remotely online, anytime, anywhere
- No hardware controllers needed
- No separate security infrastructure needed
- No on-site configuration needed
- Single point of management, single configuration for all access points

Industrial Design

- 802.11n dual-band connectivity
- 2.4G & 5G selectable operation
- 802.3af Power over Ethernet

Business Features

- Stats and graphic reports
- Intrusion detection
- Email and SMS notifications
- Firewalled guest network
- Individual user management with 2-factor authentication and encryption

business

AirPremier® N Dual Band, PoE Access Point powered by CloudCommand™

Overview

The D-Link DAP-2555 AirPremier® N Dual Band, PoE Access Point powered by CloudCommand™ is the foundation of the next generation of Wi-Fi networks for business. It leverages a pioneering cloud architecture that makes deploying, configuring, securing and managing Access Points an easy task that can be completed from anywhere. This access point is designed for small and medium businesses to bridge the gap between easy-to-use consumer-grade hardware that scales poorly and prohibitively expensive and complex enterprise-grade solutions that are impossibly difficult to manage.

With the DAP-2555 AirPremier® N Dual Band, PoE Access Point you can now enjoy a secure, business-grade Wi-Fi network that is reliable and easy to use at a fraction of the cost of traditional enterprise solutions.

Easy Setup

AirPremier® N Dual Band, PoE Access Points are simple to set up (individually or in groups) using a web browser and Internet connection. There is no need to install software from a CD or to log into firmware pages. Unlike traditional models, once these access points connect to your local area network they automatically retrieve their configuration settings from the Internet and are ready for use in minutes. The only task remaining is their physical installation.

Administer Anywhere

The DAP-2555 gives users the power to administer the entire Wi-Fi network from anywhere, even if the APs are distributed across multiple locations. Save time and resources by making changes to all the APs simultaneously. Or, you can adjust their settings individually. Access is as simple as opening a web browser and logging into your online account at dlink.cloudcommand.com. Make security changes, add and remove individual network users, view graphical reports and much more – all from your office or while on the road. You can receive alerts via email or by text message.

Powerful, Complete Coverage

Thanks to CloudCommand technology, these inexpensive business-grade access points can be easily and cost effectively deployed in groups. This allows for a higher density of access options, ensuring more complete coverage, well-balanced bandwidth loads and superior speed. What that delivers the end user is an overall seamless and high-quality experience.
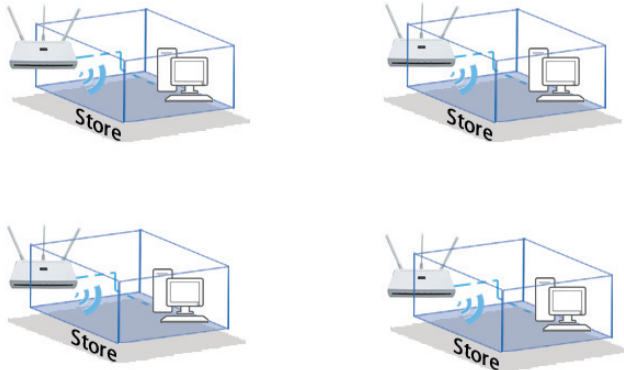
Secure Access

In addition to the traditional WPA2 encryption standard for secure access, the DAP-2555 offers Individual Device Authentication (IDA) technology. This technology automatically identifies and secures each connected device on an individual basis. The security setup is as simple as sending a text message. IDA allows for easier management of network access privileges and gives administrators the ability to quickly add and remove users without having to constantly change security keys (a common challenge that wireless solutions have today). Administrators can also choose to send individual network keys to users by email or text message.

Reduce Cost of Ownership

The DAP-2555 provides everything an administrator needs to remotely manage Wi-Fi networks, reducing the hassle of maintaining costly on-site IT support. By leveraging the Internet, the DAP-2555 has made management of APs through physical controllers an obsolete concept, reducing network infrastructure costs and simplifying both deployment and management. Prepare to save money and resources by implementing a DAP-2555-based Wi-Fi network in your business.
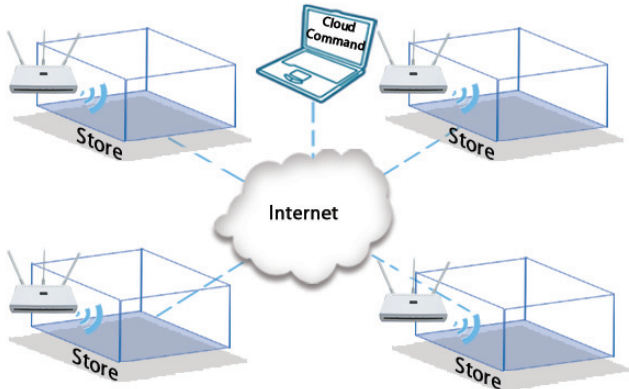
D-Link®

Retail and Franchise Stores
When multiple APs exist in multiple locations

Store **Store** **Store** **Store**

Cloud Command

Internet

Store **Store** **Store** **Store**

Today
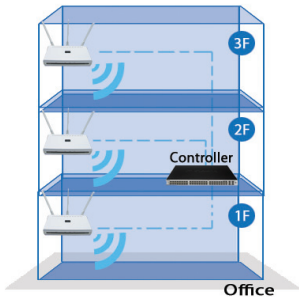Disadvantage: Difficult to manage with each AP requiring individual configuration

With CloudCommand™ Access Points
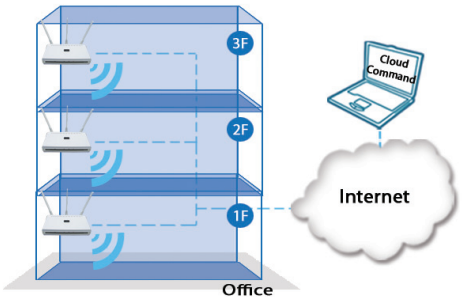Advantage: Convenient and efficient by managing all APs at once from anywhere

Office and Hotels
When multiple APs exist in a single location

3F
2F
Controller
1F
Office

3F
Cloud Command
2F
Internet
1F
Office

Today
Disadvantage: Costly and complex IT infrastructure required for guest and staff networks

With CloudCommand™ Access Points
Advantage: Separate and secure networks for guest and staff networks available out the box

Schools and Campuses
When multiple APs exist in multi-building location

Classroom Controller
Dormitory

Classroom
Dormitory
Internet
Cloud Command
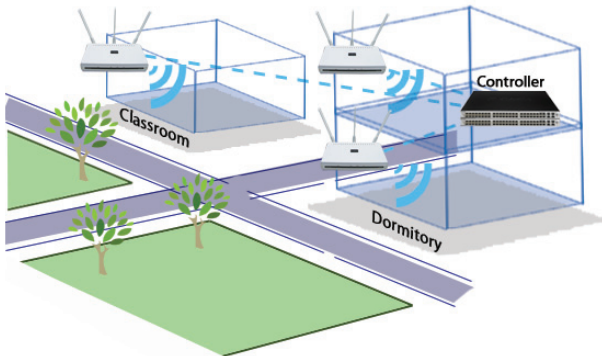
Today
Disadvantage: Expensive to deploy and maintain
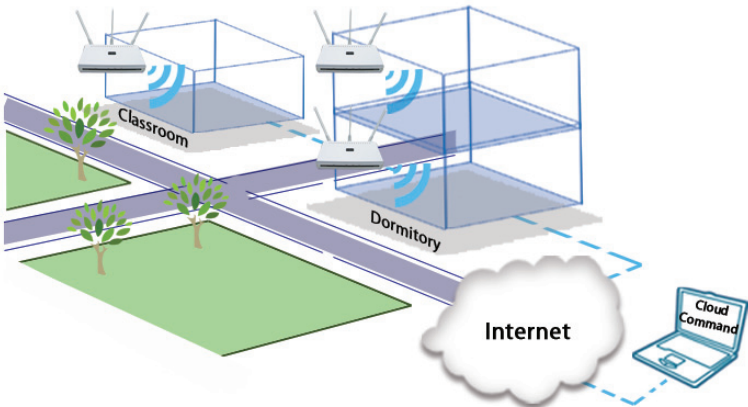
With CloudCommand™ Access Points
Advantage: Just plug and connect self-configuring APs, change settings any time

b u s i n e s s

D-Link®

Technical Specifications

Standards

Standards	• IEEE 802.11n, IEEE 802.11g, IEEE 802.11a, IEEE 802.3af, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3
Security	• WPA2™ Personal, WPA2™ Personal with IDA (Individual Device Authorization), WPA2™ Enterprise, SSID Broadcast Disable, MAC Address Access Control
Wireless Frequency Range[1]	• 2.4GHz (2.4GHz to 2.4835GHz), 5GHz (5.15GHz to 5.25 and 5.75GHz to 5.85GHz)
Operating Modes	• Access Point (AP)
CloudCommand™ Management	• Remote Configuration, Remote Upgrade, Station Status, System Status, AP Statistic, Active Alerting System, Multi-location Support, Graphic Reports
Maximum Transmit Output Power[2]	• 21dBm @ 2.4Ghz, 20dBm @ 5GHz
Dipole Antenna Gain	• 3dBi @ 2.4GHz, 5dBi @ 5GHz
LEDs	• Power, LAN, 5GHz, 2.4GHz
Operating Voltage	• 5V2.5A or 48VDC +/- 10% for PoE
Temperature	• Operating: 32°F to 104°F (0°C to 40°C) • Storing: -4°F to 149°F (-20°C to 65°C)
Humidity	• Operating: 10% ~ 90% (Non-condensing) • Storing: 5% ~ 95% (Non-condensing)
Certifications	• FCC • CSA
Weight	• 0.86 lbs (388 grams)
Dimensions (WxLxH)	• 7.8" x 4.7" x 1.3" (198mm x 120mm x 32mm)
Service	• 1 Year of CloudCommand™ Service[3]

Warranty Information

Warranty	• Limited Lifetime[4]

Ordering Information

Part Number	Description
DAP-2555	AirPremier® N Dual Band, PoE Access Point powered by CloudCommand™
DAP-2555-LW	Extended Warranty for the DAP-2555 hardware-only[5]

[1] Please note that operating frequency ranges vary depending on the regulations of individual countries or juristictions. The DAP-2555 may not be supported in the 5.25-5.35 GHz and 5.47-5.725 GHz frequency ranges in certain regions.
[2] The maximum transmit power is available with 2 antennas. The value for 1 antenna is 18dBm @ 2.4GHz and 17dBm @ 5GHz.
[3] Additional yearly renewal is required after first year.
[4] Limited lifetime is available only in the USA and Canada. Visit www.dlink.com for warranty details.
[5] Provides extended warranty for 5-years after the product has reached end of life; and next business day delivery of replacement hardware-only.

All references to speed are for comparison purposes only. Product specification, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.
Updated 5/18/2011

b u s i n e s s

For more information
D-Link Systems | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

D-Link®