D-Link®
Building Networks for People

Product Highlights

802.11N
High connection rate
(up to 300Mbps)

SMART INDICATOR
Signal Strength LED
for most efficient use

SIMPLE INSTALLATION AND CONFIGURATION
Compact design,
no additional power adapter;
fast configuration
in several simple steps

DAP-1325

N300 Wi-Fi Range Extender

Wireless Interface

The wireless extender DAP-1325 is a portable device designed to increase the operational range of your wireless network. The extender supports operation with wireless devices of the standards 802.11b, 802.11g, and 802.11n (at the rate up to 300Mbps).

The device supports multiple functions for the wireless interface: several security standards (WEP, WPA/WPA2), MAC address filtering, different operation modes (repeater, client, access point), WPS, WMM.

LAN Port

The wireless extender is equipped with one Fast Ethernet LAN port, which can be used to connect a wired client to the extender or to connect DAP-1325 to a wired router.

Signal Strength LED

The LED clearly shows the signal level of the wireless network to which DAP-1325 is connected. Due to this, you can easily find the best location for the extender.
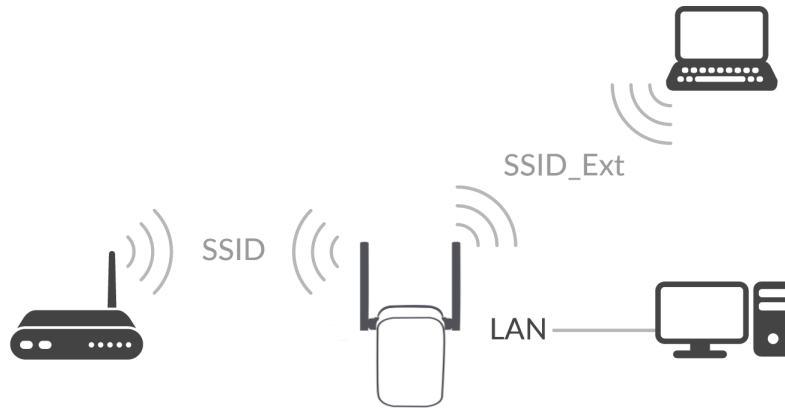
Easy Configuration and Update

You can configure the settings of the DAP-1325 device via the user-friendly web-based interface (the interface is available in several languages).

The configuration wizard allows you to quickly switch the extender to the access point, repeater, or client mode and configure all needed settings for the selected mode in several simple steps.

Now you can simply update the firmware: when the Internet access is provided, the extender itself finds approved firmware on D-Link update server and notifies when ready to install it.

Repeater Mode

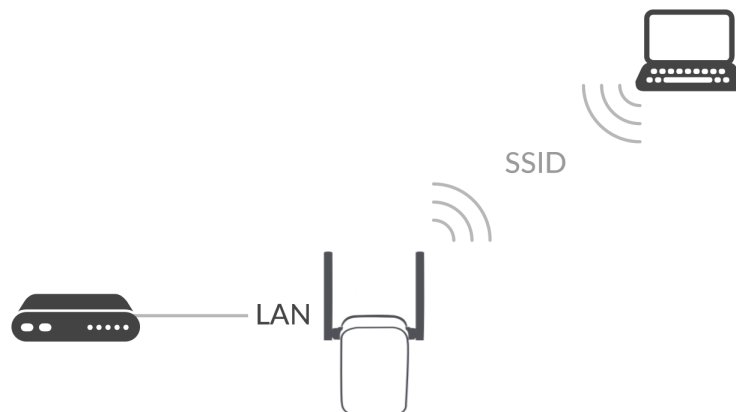You can connect DAP-1325 in the repeater mode to a wireless router for extending the range of the existing wireless network.

Client Mode

In the client mode, you can let a wired PC connected to DAP-1325 access the network of a wireless router.

Access Point Mode

You can connect DAP-1325 in the access point mode to a wired router for adding a wireless network to the existing local network.

Hardware

Interfaces	· 10/100BASE-TX LAN port
LEDs	· POWER/WPS · Wi-Fi Signal Strength
Buttons	· WPS button to set up wireless connection · RESET button to restore factory default settings
Antenna	· Two external non-detachable antennas (2 dBi)
MIMO	· 2 x 2
Power connector	· CEE 7/16 plug for AC power supply

Software

Network functions	· DHCP server · DNS relay
Firewall functions	· MAC filter
Management	· Local and remote access to settings through TELNET/WEB (HTTP/HTTPS) · Bilingual web-based interface for configuration and management (Russian/English) · Firmware update via web-based interface · Automatic notification on new firmware version · Saving/restoring configuration to/from file · Support of remote logging · Automatic synchronization of system time with NTP server and manual time/date setup · Ping function · Traceroute utility

Wireless Module Parameters

Standards	· IEEE 802.11b/g/n
Frequency range	· 2400 ~ 2483.5MHz
Wireless connection security	· WEP · WPA/WPA2 (Personal/Enterprise) · MAC filter · WPS (PBC/PIN)
Advanced functions	· Support of client mode · WMM (Wi-Fi QoS) · Information on connected Wi-Fi clients · Advanced settings · Support of MBSSID
Wireless connection rate	· IEEE 802.11b: 1, 2, 5.5, and 11Mbps · IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps · IEEE 802.11n: from 6.5 to 300Mbps (from MCS0 to MCS15)
Transmitter output power *The maximum value of the transmitter output power depends upon the radio frequency regulations applied in your country*	· 802.11n (typical at room temperature 25 °C) 15dBm (+/-1.5 dB)

Wireless Module Parameters	
Receiver sensitivity	· 802.11n (typical at PER = 10% (1000-byte PDUs) at room temperature 25 °C) HT20 -82dBm at MCS0/8 -79dBm at MCS1/9 -77dBm at MCS2/10 -74dBm at MCS3/11 -70dBm at MCS4/12 -66dBm at MCS5/13 -65dBm at MCS6/14 -64dBm at MCS7/15 HT40 -79dBm at MCS0/8 -76dBm at MCS1/9 -74dBm at MCS2/10 -71dBm at MCS3/11 -67dBm at MCS4/12 -63dBm at MCS5/13 -62dBm at MCS6/14 -61dBm at MCS7/15

Physical Parameters	
Dimensions (L x W x H)	· 51 x 49 x 98 mm (2 x 1.91 x 3.85 in)
Weight	· 97 g (0.21 lb)

Operating Environment	
Power	· Input: 110 to 240 V AC, 50/60 Hz
Temperature	· Operating: from 0 to 40 °C · Storage: from -20 to 70 °C
Humidity	· Operating: from 10% to 90% (non-condensing) · Storage: from 5% to 90% (non-condensing)

Delivery Package
· Extender DAP-1325 · "Quick Installation Guide" (brochure)

D-Link Russia
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