D-Link

Building Networks for People

DAP-1360

Product Highlights

SEVERAL OPERATION MODES

Access point/router

802.11N

High connection rate (up to 300Mbps) and superior wireless range

SECURITY

Multiple firewall functions, several security standards for wireless connection

Wireless N300 Access Point & Router

Wireless Interface

Using DAP-1360, you are able to quickly create a wireless network and let your relatives or employees connect to it virtually anywhere (within the operational range of your wireless network). The access point can operate as a base station for connecting 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 (access point, router, client), WPS, WDS, WMM.

Access Point Mode

You are able to use DAP-1360 switched to the access point mode to create a wireless network or to connect to a wired router.

Router Mode

You are able to connect DAP-1360 switched to the router mode to a cable or DSL modem or to a private Ethernet line and use a high-speed Internet connection to successfully fulfill a wide range of professional tasks.

"Client" Function

The "client" function in the access point mode allows using DAP-1360 as a wireless client and a wireless repeater, in the router mode as a WISP repeater.

Security

In the router mode, the DAP-1360 device includes a built-in firewall. The advanced security functions minimize threats of hacker attacks, prevent unwanted intrusions to your network, and block access to unwanted websites for users of your LAN.

Easy configuration and update

You can configure the settings of the DAP-1360 device via the user-friendly web-based interface (the interface is available in several languages).

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

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DAP-1360   **Wireless N300 Access Point & Router**

Specifications

	DAP-1360U	DAP-1360/A	DAP-1360/B
Hardware			
Interfaces	10/100BASE-TX WAN port 4 10/100BASE-TX LAN ports	10/100BASE-TX WAN port 10/100BASE-TX LAN port	
LEDs	Power WLAN WPS Internet		
	4 LAN LEDs	1 LAN LED	
Buttons	Power ON/OFF button		–
	RESET button to restore factory default settings WPS button to set up secure wireless connection and enable/disable wireless network	WPS/RESET button to restore factory default settings and set up secure wireless connection	
Antenna	Two detachable omnidirectional antennas RP-SMA connector		
	5dBi gain	2dBi gain	
MIMO	2 x 2		
Power connector	Power input connector (DC)		
Software			
Operation Modes			
Access point	+	+	+
Router	+	+	+
WAN connection types			
PPPoE	+	+	+
Static IP / Dynamic IP	+	+	+
PPPoE + Static IP / Dynamic IP	+	+	–
PPTP/L2TP + Static IP	+	+	+
PPTP/L2TP + Dynamic IP	+	+	+

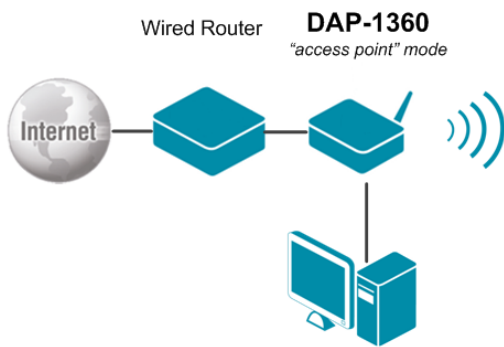|	DAP-1360U	DAP-1360/A	DAP-1360/B
Network functions			
DHCP server/relay	+	+	+
DNS relay	+	+	+
Dynamic DNS	+	+	+
Static IP routing	+	+	+
IGMP Proxy	+	+	+
RIP	+	+	+
Support of UPnP IGD	+	+	+
WAN ping respond	+	+	+
Support of SIP ALG	+	+	+
Support of RTSP	+	+	+
Firewall functions			
Network Address Translation (NAT)	+	+	+
Stateful Packet Inspection (SPI)	+	+	+
IP filter	+	+	+
MAC filter	+	+	+
URL filter	+	+	+
DMZ	+	+	+
Prevention of ARP and DDoS attacks	+	+	+
Virtual servers	+	+	+
VPN			
IPSec/PPTP/L2TP/PPPoE pass-through	+	+	+
Management			
Local and remote access to settings through TELNET/WEB (HTTP)	+	+	+
Multilingual web-based interface for configuration and management	+	+	+
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	+	+	+

	DAP-1360U	DAP-1360/A	DAP-1360/B
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			
"Client" function in access point mode (wireless network client, wireless network repeater)	+	+	+
"Client" function in router mode (WISP repeater)	+	+	+
WMM (Wi-Fi QoS)	+	+	+
Managing connected stations	+	+	+
Advanced settings	+	+	+
WDS	+	+	+
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			
802.11b	15dBm at 1, 2, 5.5, 11Mbps		18dBm at 1, 2, 5.5, 11Mbps
802.11g	15dBm at 6, 9, 12, 18, 24, 36, 48, 54Mbps		17dBm at 6, 9, 12Mbps 16dBm at 18, 24Mbps 15dBm at 36, 48, 54Mbps
802.11n	HT20 15dBm at MCS0/1/2/3/4/5/6/8/9/10/11/12/13/14 14dBm at MCS7/15 HT40 15dBm at MCS0/1/2/3/4/5/6/8/9/10/11/12/13/14 14dBm at MCS7/15		HT20 17dBm at MCS0/1/2/8/9/10 16dBm at MCS3/4/5/11/12/13 15dBm at MCS6/14 14dBm at MCS7/15 HT40 17dBm at MCS0/1/2/8/9/10 16dBm at MCS3/4/5/11/12/13 15dBm at MCS6/14 14dBm at MCS7/15

	DAP-1360U	DAP-1360/A	DAP-1360/B
Receiver sensitivity			
802.11b		-82dBm at 1Mbps -80dBm at 2Mbps -78dBm at 5.5Mbps -76dBm at 11Mbps	
802.11g		-85dBm at 6Mbps -84dBm at 9Mbps -82dBm at 12Mbps -80dBm at 18Mbps -77dBm at 24Mbps -73dBm at 36Mbps -69dBm at 48Mbps -68dBm at 54Mbps	
802.11n		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	
Modulation schemes			
802.11b		DQPSK, DBPSK, DSSS, CCK	
802.11g		BPSK, QPSK, 16QAM, 64QAM with OFDM	
802.11n		BPSK, QPSK, 16QAM, 64QAM with OFDM	
Physical Parameters			
Dimensions	174 x 115 x 30mm	120 x 97 x 29mm	
Weight	248g	120g	
Operating Environment			
Power		Output: 12V DC, 0.5A	
Temperature		Operating: from 0 to 40 °C Storage: from -20 to 65 °C	
Humidity		Operating: from 10% to 90% (non-condensing) Storage: from 5% to 95% (non-condensing)	

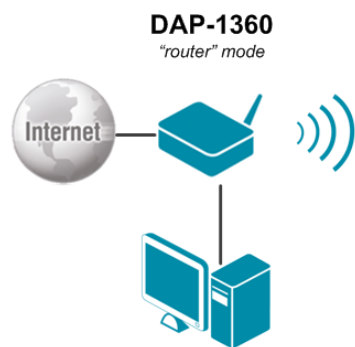|	DAP-1360U	DAP-1360/A	DAP-1360/B
Delivery Package			
	Access point Power adapter DC 12V/0.5A Ethernet cable Two detachable antennas "Quick Installation Guide" (brochure)		

Operation Modes

Access Point

The DAP-1360 device in the "access point" mode is connected to the wired router. Computers connect to DAP-1360 via wireless or wired connection.
It is necessary to specify the same encryption parameters and the channel of the wireless network for DAP-1360 and computers with Wi-Fi adapters.
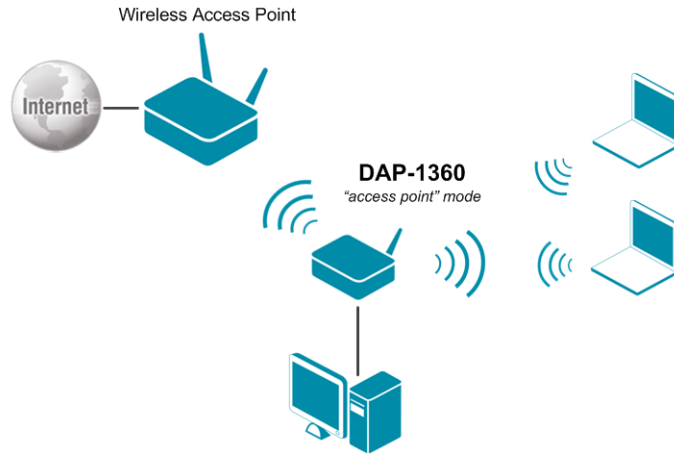
Router

The DAP-1360 device in the "router" mode is connected to a private Ethernet line or to a cable or DSL modem. Computers connect to DAP-1360 via wireless or wired connection.
It is necessary to specify the same encryption parameters and the channel of the wireless network for DAP-1360 and computers with Wi-Fi adapters. In addition, it is necessary to configure a WAN connection for DAP-1360.
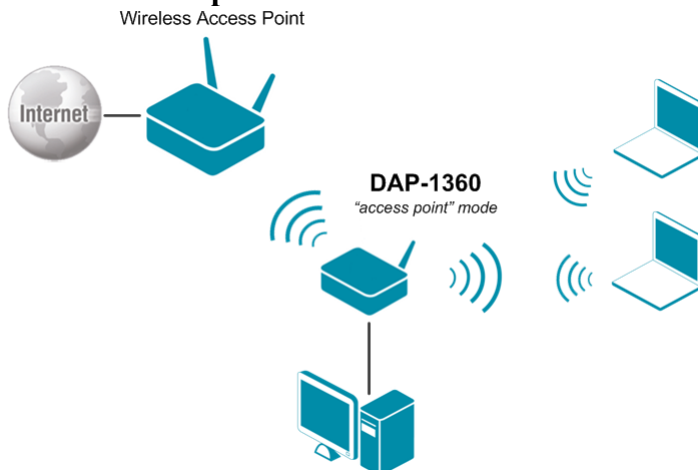
Client

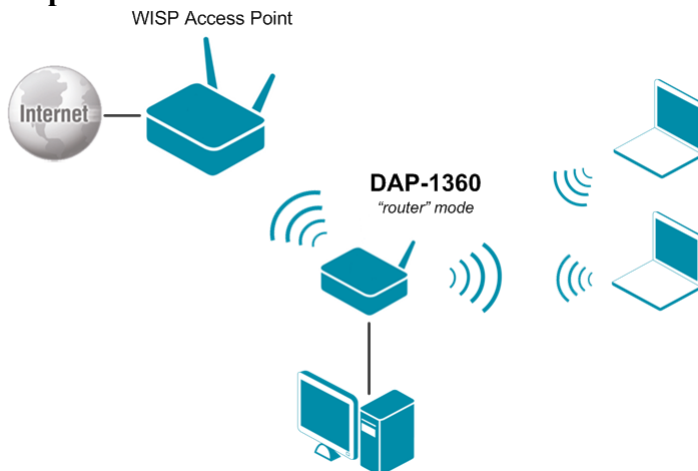## Wireless Network Client

Wireless Access Point

The DAP-1360 device in the "access point" mode is connected to an access point via wireless connection. Computers connect to DAP-1360 via wireless or wired connection. It is necessary to configure the same channel of the wireless connection for DAP-1360 and the remote access point. Other parameters of the wireless network of DAP-1360 do not depend upon the settings of the remote access point.

Wireless Network Repeater

Wireless Access Point

The DAP-1360 device in the "access point" mode is connected to an access point via wireless connection. Computers connect to DAP-1360 via wireless or wired connection. It is necessary to configure the same parameters of the wireless connection (the name of the wireless network, encryption parameters, and the channel) for DAP-1360 and the remote access point.

WISP Repeater

WISP Access Point

The DAP-1360 device in the "router" mode is connected to a WISP access point via wireless connection. Computers connect to DAP-1360 via wireless or wired connection. It is necessary to configure the same channel of the wireless connection for DAP-1360 and the WISP access point. Other parameters of the wireless network of DAP-1360 do not depend upon the settings of the WISP access point. In addition, it is necessary to configure a WAN connection for DAP-1360.

D-Link Russia
Web: http://www.dlink.ru

Ordering Information

DAP-1360U   Wireless N300 Access Point & Router

DAP-1360/A   Wireless N300 Access Point & Router

DAP-1360/B   Wireless N300 Access Point & Router