

Product Highlights

802.11N

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

SECURITY

Multiple firewall
functions, several
security standards for
wireless connection

IPV6 SUPPORT

All needed functions
for up-to-date
networking



Wireless N300 Router

Wireless Interface

Using the DIR-615 device, you are able to quickly create a high-speed wireless network at home or in your office, which lets computers and mobile devices access the Internet virtually anywhere (within the operational range of your wireless network). The router can operate as a base station for connecting wireless devices of the standards 802.11b, 802.11g, and 802.11n (at the wireless connection rate up to 300Mbps).

Secure Wireless Connection

The router supports multiple functions for the wireless interface: several security standards (WEP, WPA/WPA2), MAC address filtering, WPS, WMM.

In addition, the device is equipped with a button for switching the Wi-Fi network off/on. If needed, for example, when you leave home, you can easily switch the router's WLAN by pressing the button, and devices connected to the LAN ports of the router will stay online.¹

Advanced Capabilities of Wireless Network

Support of guest Wi-Fi network allows you to create a separate wireless network with individual security settings and maximum rate limitation. Devices connected to the guest network will be able to access the Internet, but will be isolated from the devices and resources of the router's LAN.

Smart adjustment of Wi-Fi clients is useful for networks based on several D-Link access points or routers – when the smart adjustment function is configured on each of them, a client always connects to the access point (router) with the highest signal level.

4-port Switch

The built-in 4-port switch enables you to connect Ethernet-enabled computers, game consoles, and other devices to your network.

Security

The wireless router DIR-615 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.

Built-in Yandex.DNS service protects against malicious and fraudulent web sites and helps to block access to adult content on children's devices.

¹ Only for DIR-615A and DIR-615S.

Easy configuration and update

You can configure the settings of the wireless router DIR-615 via the user-friendly web-based interface (the interface is available in several languages).

The configuration wizard allows you to quickly switch DIR-615 to one of the following modes: router (for connection to a wired or wireless ISP), access point, repeater, or client, and then configure all needed setting for operation in the selected mode in several simple steps.

Also DIR-615 supports configuration and management via D-Link Click'n'Connect mobile application for Android smartphones.

You can simply update the firmware: the router itself finds approved firmware on D-Link update server and notifies when ready to install it.

Specifications

	DIR-615/T4	DIR-615A	DIR-615S
			
Hardware			
Processor	RTL8196E (400MHz)	RTL8196D (390MHz)	
RAM	32MB		
Flash	4MB		
Interfaces	10/100BASE-TX WAN port 4 10/100BASE-TX LAN ports		
LEDs	POWER WLAN INTERNET	POWER STATUS WLAN / WPS INTERNET 4 LAN LEDs	POWER WLAN WPS INTERNET 4 LAN LEDs
Buttons	–	POWER button to power on/power off	ON/OFF button to power on/power off
	WPS / RESET button to set up wireless connection and restore factory default settings	RESET button to restore factory default settings	
		WPS button to set up secure wireless connection and enable/disable wireless network	
Antenna	Two non-detachable omnidirectional antennas	Two internal omnidirectional antennas	Two non-detachable omnidirectional antennas
	5dBi gain	2dBi gain	5dBi gain
MIMO	2 x 2		
Power connector	Power input connector (DC)		
Software			
WAN connection types			
<i>PPPoE</i>	+	+	+
<i>IPv6 PPPoE</i>	+	+	+
<i>PPPoE Dual Stack</i>	+	+	+
<i>Static IPv4 / Dynamic IPv4</i>	+	+	+
<i>Static IPv6 / Dynamic IPv6</i>	+	+	+
<i>PPPoE + Static IP / Dynamic IP (PPPoE Dual Access)</i>	+	+	+
<i>PPTP/L2TP + Static IP</i>	+	+	+
<i>PPTP/L2TP + Dynamic IP</i>	+	+	+

	DIR-615/T4	DIR-615A	DIR-615S
Network functions			
DHCP server/relay	+	+	+
Stateful/Stateless mode for IPv6 address assignment, IPv6 prefix delegation	+	+	+
Automatic obtainment of LAN IP address (for access point/repeater/client modes)	+	+	+
DNS relay	+	+	+
Dynamic DNS	+	+	+
Static IP routing	+	+	+
Static IPv6 routing	+	+	+
IGMP Proxy	+	+	+
RIP	+	+	+
Support of UPnP IGD	+	+	+
Support of VLAN	+	+	+
WAN ping respond	+	+	+
Support of SIP ALG	+	+	+
Support of RTSP	+	+	+
WAN reservation	+	+	+
Built-in UDPXY application	+	+	+
Autonegotiation of speed, duplex mode, and flow control/Manual speed and duplex mode setup for each Ethernet port	+	+	+
Setup of maximum TX rate for each port of the router	+	+	+
Firewall functions			
Network Address Translation (NAT)	+	+	+
Stateful Packet Inspection (SPI)	+	+	+
IP filter	+	+	+
IPv6 filter	+	+	+
MAC filter	+	+	+
URL filter	+	+	+
DMZ	+	+	+
Prevention of ARP and DDoS attacks	+	+	+
Virtual servers	+	+	+
Built-in Yandex.DNS web content filtering service	+	+	+

	DIR-615/T4	DIR-615A	DIR-615S
VPN			
<i>IPSec/PPTP/L2TP/PPPoE pass-through</i>	+	+	+
Management			
<i>Local and remote access to settings</i>	TELNET/WEB (HTTPS, HTTP)		
<i>Multilingual web-based interface for configuration and management</i>	+	+	+
<i>Support of Click'n'Connect application for Android smartphones</i>	+	+	+
<i>Notification on connection problems and auto redirect to settings</i>	+	+	+
<i>Firmware update via web-based interface</i>	+	+	+
<i>Automatic notification on new firmware version</i>	+	+	+
<i>Saving/restoring configuration to/from file</i>	+	+	+
<i>Support of logging to remote host</i>	+	+	+
<i>Automatic synchronization of system time with NTP server and manual time/date setup</i>	+	+	+
<i>Ping utility</i>	+	+	+
<i>Traceroute utility</i>	+	+	+
<i>TR-069 client</i>	+	+	+
Wireless Module Parameters			
Standards	IEEE 802.11b/g/n		
Frequency range	2400 ~ 2483.5MHz		
Wireless connection security			
<i>WEP</i>	+	+	+
<i>WPA/WPA2 (Personal/Enterprise)</i>	+	+	+
<i>MAC filter</i>	+	+	+
<i>WPS (PBC/PIN)</i>	+	+	+
Advanced functions			
<i>Support of client mode</i>	+	+	+
<i>WMM (Wi-Fi QoS)</i>	+	+	+
<i>Information on connected Wi-Fi clients</i>	+	+	+

	DIR-615/T4	DIR-615A	DIR-615S
<i>Advanced settings</i>	+	+	+
<i>Guest Wi-Fi / support of MBSSID</i>	+	+	+
<i>Smart adjustment of Wi-Fi clients</i>	+	+	+
<i>Rate limitation for wireless network/separate MAC addresses</i>	+	+	+
<i>Periodic scan of channels, automatic switch to least loaded channel</i>	+	+	+
<i>Autonegotiation of channel bandwidth in accordance with environment conditions (20/40 Coexistence)</i>	-	-	+
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			
<i>802.11b</i>	15dBm at 1, 2, 5.5, 11Mbps	17dBm at 1, 2, 5.5, 11Mbps	15dBm at 1, 2, 5.5, 11Mbps
<i>802.11g</i>	15dBm at 6, 9, 12, 18, 24, 36, 48, 54Mbps	17dBm at 6, 9, 12Mbps 16dBm at 18, 24Mbps 15dBm at 36, 48, 54Mbps	15dBm at 6, 9, 12, 18, 24, 36, 48, 54Mbps
<i>802.11n</i>	HT20/HT40 15dBm at MCS0/1/2/3/4/5/6/8/9/10/11/12/13/14 14dBm at MCS7/15	HT20/HT40 16,5dBm at MCS0/1/2/8/9/10 16dBm at MCS3/4/11/12 15,5dBm at MCS5/13 15dBm at MCS6/14 14dBm at MCS7/15	HT20/HT40 15dBm at MCS0/1/2/3/4/5/6/8/9/10/11/12/13/14 14dBm at MCS7/15
Receiver sensitivity			
<i>802.11b</i>	-95dBm at 1Mbps -93dBm at 2Mbps -90dBm at 5.5Mbps -87dBm at 11Mbps		-82dBm at 1Mbps -80dBm at 2Mbps -78dBm at 5.5Mbps -76dBm at 11Mbps
<i>802.11g</i>	-91dBm at 6Mbps -90dBm at 9Mbps -88dBm at 12Mbps -86dBm at 18Mbps -83dBm at 24Mbps -80dBm at 36Mbps -75dBm at 48Mbps -74dBm at 54Mbps		-85dBm at 6Mbps -84dBm at 9Mbps -82dBm at 12Mbps -80dBm at 18Mbps -77dBm at 24Mbps -73dBm at 36Mbps -69dBm at 48Mbps -68dBm at 54Mbps

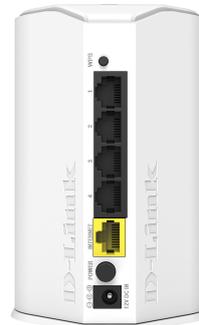
	DIR-615/T4	DIR-615A	DIR-615S
802.11n	HT20 -90dBm at MCS0/8 -87dBm at MCS1/9 -85dBm at MCS2/10 -82dBm at MCS3/11 -79dBm at MCS4/12 -74dBm at MCS5/13 -72dBm at MCS6/14 -70dBm at MCS7/15 HT40 -87dBm at MCS0/8 -84dBm at MCS1/9 -81dBm at MCS2/10 -78dBm at MCS3/11 -75dBm at MCS4/12 -70dBm at MCS5/13 -69dBm at MCS6/14 -67dBm at MCS7/15		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 129 x 33 mm (6.8 x 5.1 x 1.3 in)	134 x 83 x 98 mm (5.3 x 3.3 x 3.9 in)	174 x 115 x 30 mm (6.8 x 4.5 x 1.2 in)
Weight	215 g (0.47 lb)	202 g (0.45 lb)	226 g (0.5 lb)
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)		
Delivery Package			
	Router Power adapter DC 12V/0.5A "Quick Installation Guide" (brochure)	Router Power adapter DC 12V/0.5A Ethernet cable "Quick Installation Guide" (brochure)	

Ordering Information

DIR-615/T4 Wireless N300 Router



DIR-615A Wireless N300 Router



DIR-615S Wireless N300 Router

