

Product Highlights

FXS PORT

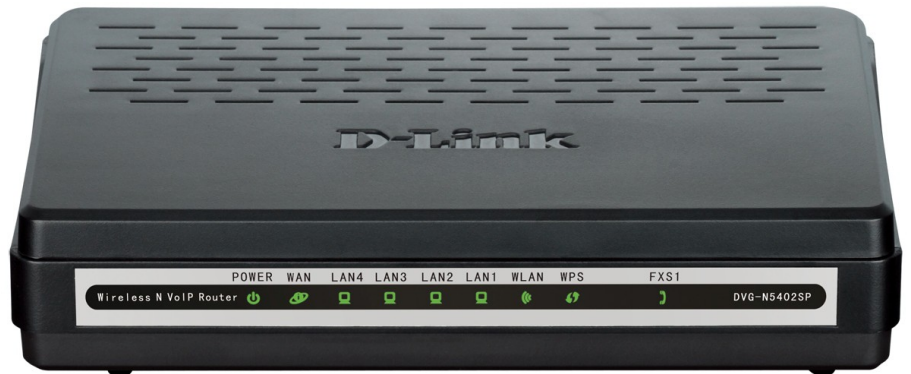
Support of analog phone,
good quality of voice
transmission

802.11N

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

IPV6 SUPPORT

All needed functions
for up-to-date networking



DVG-N5402SP

Wireless Router with 1 FXS Port

SIP Telephony

The VoIP router is equipped with a FSX port which allows connection of an analog phone for calls via Internet.

Wireless Interface

Using the DVG-N5402SP 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 rate up to 300Mbps).

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 ports of the router will stay online.

Security

The wireless router DVG-N5402SP 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 wireless router DVG-N5402SP via the user-friendly web-based interface (the interface is available in several languages).

Now 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		
Hardware		
WAN Interface	<ul style="list-style-type: none"> 1 10/100BASE-TX Ethernet port for cable or DSL modem or private Ethernet line 	
LAN Interface	<ul style="list-style-type: none"> 4 10/100BASE-TX Ethernet ports 	
WLAN Interface	<ul style="list-style-type: none"> IEEE 802.11n (up to 300Mbps) 	<ul style="list-style-type: none"> IEEE 802.11b/g
FXS Interface	<ul style="list-style-type: none"> 1 FXS port for connecting analog phone or fax machine 	
Antenna	<ul style="list-style-type: none"> Two 5dBi internal omnidirectional Airgain antennas 	
MIMO	<ul style="list-style-type: none"> 2x2 	
Frequency Range	<ul style="list-style-type: none"> 802.11b <ul style="list-style-type: none"> 2400 ~ 2483.5MHz ISM band 802.11g <ul style="list-style-type: none"> 2400 ~ 2483.5MHz ISM band 	<ul style="list-style-type: none"> 802.11n <ul style="list-style-type: none"> HT20: 2400 ~ 2483.5MHz ISM band HT40: 2422 ~ 2452MHz ISM band
Wireless Connection Rate	<ul style="list-style-type: none"> 802.11b <ul style="list-style-type: none"> 11, 5.5, 2, and 1Mbps per channel, auto fallback 802.11g <ul style="list-style-type: none"> 54, 48, 36, 24, 18, 12, 9, and 6Mbps per channel, auto fallback 	<ul style="list-style-type: none"> 802.11n <ul style="list-style-type: none"> HT20: up to 150Mbps HT40: up to 300Mbps
Modulation Schemes	<ul style="list-style-type: none"> 802.11b: CCK, DQPSK, DBPSK 802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS 	<ul style="list-style-type: none"> 802.11n: 64 QAM, 16QAM, QPSK, BPSK
Software		
General SIP Features	<ul style="list-style-type: none"> Invite with Challenge Register by SIP server IP address or domain name RFC3986 SIP URI format support Outbound proxy support Backup proxy support 	<ul style="list-style-type: none"> Session timers (update/re-invite) DNS SRV Support Call types: voice/modem/fax User programmable Dial Plan Manual peer table (for P2P calls) E.164 Numbering, ENUM support
Call Features	<ul style="list-style-type: none"> Direct IP-to-IP call without SIP proxy Call hold / retrieve Call awaiting Forwarding (unconditional, busy, no answer) Do Not Disturb 	<ul style="list-style-type: none"> MWI (Message Waiting Indication) Anonymous call blocking CLIR Speed dialing Hotline
Voice Features	<ul style="list-style-type: none"> Codecs: G.711 a/μ-law, G.729A, G.726 DTMF detection and generation Comfort Noise Generation (CNG) Voice Activity Detection (VAD) Adaptive (Dynamic) Jitter Buffer Call progress tone generation (FXS) Programmable Gain Control 	<ul style="list-style-type: none"> In-band DTMF, out-of-band DTMF (RFC2833, SIP-INFO) DTMF/PULSE dial support Caller ID detection and generation T.30 FAX bypass to G.711, T.38 Real Time FAX Relay

Specifications		
Network Functions	<ul style="list-style-type: none"> • WAN connection types: <ul style="list-style-type: none"> ◦ PPPoE ◦ IPv6 PPPoE ◦ PPPoE Dual Stack ◦ Static IP / Dynamic IP ◦ Static IPv6 / Dynamic IPv6 ◦ PPPoE + Static IP ◦ PPPoE + Dynamic IP ◦ PPTP/L2TP ◦ PPTP/L2TP + Static IP ◦ PPTP/L2TP + Dynamic IP • DHCP server/relay • DHCPv6 server/client (Stateful/Stateless), IPv6 prefix delegation • DNS relay • Support of DNSv6 AAAA records 	<ul style="list-style-type: none"> • VPN pass-through (PPTP/L2TP) • Dynamic DNS • Static IP routing • Static IPv6 routing • Remote management • Network statistics for each interface • IGMP Proxy • RIP • Support of UPnP IGD • Support of VLAN • TR-069 client • WAN ping respond • Support of SIP • Support of RTSP • PPPoE pass through • STUN client • DHCP option 120
Wireless Connection	<ul style="list-style-type: none"> • Supported security settings: <ul style="list-style-type: none"> ◦ WEP ◦ WPA/WPA2 Personal ◦ WPA/WPA2 Enterprise 	<ul style="list-style-type: none"> • MAC filter • PIN and PBC methods of WPS • WMM (Wi-Fi QoS) • Advanced settings
Firewall Functions	<ul style="list-style-type: none"> • Network Address Translation (NAT) • Stateful Packet Inspection (SPI) • IP filters • IPv6 filters • MAC filter • URL filter 	<ul style="list-style-type: none"> • DMZ • Prevention of ARP and DDoS attacks • Virtual servers • Built-in Yandex.DNS web content filtering service
Configuration and Management	<ul style="list-style-type: none"> • Multilingual web-based interface for configuration and management • Access via TELNET • Firmware update via web-based interface • Automatic notification on new firmware version • Saving/restoring configuration to/from file 	<ul style="list-style-type: none"> • Support of remote logging • Automatic synchronization of system time with NTP server and manual time/date setup • Ping function • Traceroute utility
Physical and Environmental		
LEDs	<ul style="list-style-type: none"> • POWER • WAN • 4 LAN LEDs 	<ul style="list-style-type: none"> • WLAN • WPS • FXS
Power	<ul style="list-style-type: none"> • External power adapter DC 12V/1.25A 	
Buttons	<ul style="list-style-type: none"> • Power on/off button • Reset to Factory Defaults button 	<ul style="list-style-type: none"> • WPS button • WLAN on/off button
Operating Temperature	<ul style="list-style-type: none"> • From 0 to 40 °C (from 32 to 104 °F) 	
Storage Temperature	<ul style="list-style-type: none"> • From -20 to 70 °C (from -4 to 158 °F) 	
Operating Humidity	<ul style="list-style-type: none"> • From 10% to 90% non-condensing 	
Storage Humidity	<ul style="list-style-type: none"> • From 5% to 95% non-condensing 	