

AX CONNECT

AX3000 Wi-Fi 6 VDSL2 / ADSL2+ Modem Router with VoIP



DSL-X3052E



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- Wi-Fi 6 (802.11ax) technology provides faster speeds, greater capacity and less network congestion
- Wi-Fi speeds up to 3Gbps (574Mbps on 2.4GHz band, and 2400Mbps on 5GHz band) built for the modern device-dense smart home
- Dual-band Wi-Fi makes 4K streaming, gaming and video chatting a breeze
- 4 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port provide optional wired connectivity
- BSS colouring helps organise data packets, making your network more efficient and improving overall Wi-Fi 6 performance
- Voice over IP technology with advanced communication features*



Wi-Fi 6

Perfect for 4K streaming, VR gaming, video calling and keeping all your smart home devices connected.



OFDMA

Perfect for Smart Homes filled with bandwidth-hungry IoT devices



Smart Steering

Automatically steers your devices to the optimal wireless band, ensuring you're always connected to fast, reliable Wi-Fi.



Profile-based Parental Controls

Assign devices to profiles to individually block websites, set schedules for access, and turn off Wi-Fi.



Voice Over IP

Connect ordinary phone handsets to the FXS ports to make VoIP phone calls*

* VoIP Credentials required

Technical Specifications

DSL-X3052E

General

Device Interfaces	4 x Gigabit Ethernet LAN ports, 1 x Gigabit Ethernet WAN port, 1 x RJ-11 xDSL port, 2 x FXS VoIP ports, 1 x USB 3.0 port, IEEE 802.11 ax/ac/n/g/b/a wireless LAN
LED	Power, DSL, Internet, WAN, LAN, 2.4GHz Wi-Fi, 5GHz Wi-Fi, WPS, USB, Phone
Antenna Type	4 x external antennas
Wi-Fi Data Rate	2.4GHz Up to 574Mbps ¹ , 5GHz Up to 2400Mbps ¹
IEEE Standard	IEEE 802.11ax/ac/n/g/b/k/v/a, IEEE 802.3u/ab
ADSL Features	T1.413i2, G.992.1, G.dmt, G.992.2, G.lite, G.992.3 (G.bis/ADSL2), G.992.5 (ADSL2+), ITU G.994.1 (G.hs), Annex L (Reach Extended ADSL2)
VDSL Features	ITU-T G.993.5 VDSL2, 8a, 8b, 12a, 12b, 17a, 30a, 35b profiles, G.vector, ATM, PTM, G.INP, ATM forum UNI3.0, 3.1, 4.0 permanent virtual circuits (PVCs), CBR, UBR, VBR-rt, VBR-nrt, multiple PVCs, ITU-T i.610F4/F5 OAM
Minimum Requirements	Windows 11/10/8.1/8/7/Vista or Mac OS X 10.6 or higher, Internet Explorer 10/Firefox 28.0/Chrome 28.0/Safari 6.0 and up, network interface card

Functionality

Security Protocol	WPA3, WPA2, WPS
Firewall	DoS, stateful packet inspection, anti-spoofing checking, IP/MAC address filtering, 1 x DMZ
QoS	D-Link Intelligent QoS Technology

Software

Device Management	Web UI
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Physical

Dimensions	227 x 143 x 53mm (8.94 x 5.62 x 2.09in)
Weight	490 grams (1.08lbs)
Power Adapter	12V/2A
Operating Temperature	5 to 40°C
Storage Temperature	-20 to 70°C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE, RCM, Telepermit

Ordering Information

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¹ Maximum wireless signal rate derived from IEEE Standard 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

