

- Share your Internet connection
- Internet access & Internet phone through WiMAX



WiMAX VoIP Router

IMMEASURABLE CONNECTION

Wirelessly connect to the Internet anywhere with WiMAX 802.16e coverage

COMPLETE SECURITY

802.16e authentication and cipher for BWA as well as active firewall and WPA2/WPS (Wi-Fi) add confidence in connection

TOTAL SIMPLICITY

D-Link's Quick Setup Wizard facilitates installation of hardware and Internet connection



BROADBAND WIRELESS ACCESS

Based on IEEE 802.16e – 2005 standard, the D-Link WiMAX Router is driven by OFDMA-based radio interface, the latest in wireless technology that increases bandwidth for Broadband Wireless Access (BWA). Employment of MIMO (multiple input multiple output) boosts system capacity, coverage and throughput rate.

SECURITY PROTECTION

D-Link's WiMAX Router includes a built-in firewall to help prevent hackers and unwanted intruders from entering your network. MAC address filtering prevents unauthorized network access, and the parental control feature prevents users from viewing inappropriate content. It also includes WEP, WPA/WPA2 encryption, and WPS (Wi-Fi Protected Setup) for Wi-Fi.

COMPATIBILITY ASSURANCE / WIRELESS NETWORKING

When connecting in Wi-Fi the D-Link WiMAX Router is based on the 802.11g standard and backward compatible with 802.11b, enabling compatibility with a wide range of wireless devices. Use the D-Link WiMAX Router to keep in touch with friends and family as well as stay informed with current events. The WiMAX Router also includes four Ethernet ports ready for connection to Ethernet-enabled PCs, print servers and other devices.

EASY TO INSTALL AND USE

Install hardware and establish your wireless network in minutes through D-Link's Quick Setup Wizard. The wizard configures your Internet Service Provider (ISP) settings to quickly establish broadband Internet connectivity, and even makes it easy to add new wireless devices to your network.

WHAT THIS PRODUCT DOES

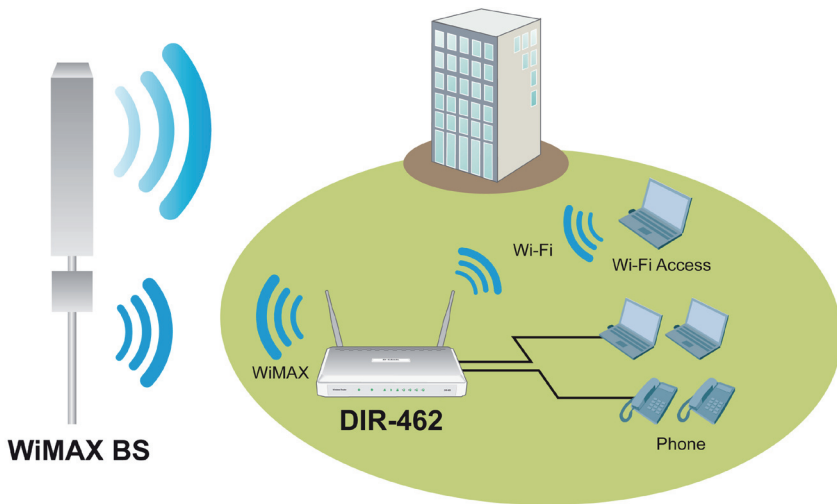
Share your broadband Internet connection with multiple computers in your house by simply connecting the D-Link WiMAX Router to Base station. Once connected, you can create your own personal wireless home network to share documents, music, and photos.

EASY INSTALLATION

Set up your new D-Link networking hardware in minutes using our new Quick Setup Wizard. The wizard will guide you through an easy to follow process to install your new hardware and connect to your network.

ADVANCED FUNCTIONS

- + IEEE 802.16e-2005 Compatible
- + IEEE 802.11b/g Compatible
- + Share Your Internet Connection with Built-In 4-Ports Switch
- + Voice over IP (VoIP)
- + Advanced Firewall & Security
- + Advanced Scheduling and User Level Control
- + Supports VPN Passthrough
- + WPA (TKIP) and WPA2 (AES) Support
- + Interactive Install Guide
- + UPnP™ Support



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.16e-2005
- + IEEE802.11g
- + IEEE 802.11b
- + IEEE 802.3
- + IEEE 802.3u

DEVICE INTERFACES

- + WiMAX
- + 802.11g Wireless LAN
- + 4 10/100 BASE-TX Ports
- + 2 FXS Phone Ports
- + USB 2.0 Port (for Windows Connect Now)

CHANNEL BANDWIDTH

- + 5/10 MHz

FREQUENCY BAND

- + 2.5GHz (2.496G~2.69GHz)

DUOEXING MODE

- + TDD

MODULATION TECHNOLOGY

- + UL: QPSK, 16QAM
- + DL: QPSK, 16QAM, 64QAM

WIRELESS TRANSMIT POWER

- + 23dBm +/- 2dBm

ANTENNA

- + Detachable Dipole Antenna (Reverse SMA Plug)

VOICE OVER IP

- + SIP
- + Codec (G.711μ-law/A-law, G.726, G.729A)
- + DTMF detection and generation
- + CNG (Comfort Noise Generation)
- + VAD (Voice Activity Detection)

SECURITY & AUTHENTICATION

- + EAP-TLS, EAP-TTLS, EAP-AKA
- + CCM-Mode 128-bit AES, CCM-Mode,
- + PKMv2.
- + X.509 certificate
- + WEP 64/128-Bit Data Encryption (User-Selectable)
- + Wi-Fi Protected Access (WPA/WPA2/WPS)

DEVICE MANAGEMENT

- + Internet Explorer v6 or later;

DIAGNOSTIC LED

- + Power
- + RSSI Indicator
- + WiMAX
- + WLAN (Wireless Connection)
- + LAN
- + USB

POWER INPUT

- + 12VDC, 3A, Through External Power Adapter

DIMENSIONS

- + 220 x 147 x 33 mm (8.7 x 5.8 x 1.3 inches)

WEIGHT

- + 246 grams (0.5 lb)

CERTIFICATION

- + CE
- + FCC

OPERATING TEMPERATURE

- + 0° to 40° C (32° to 104° F)

OPERATING HUMIDITY

- + 90% maximum



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