》VISIONTEK 》

ADSL USB Wi-Fi Router 83AR

GSM
CDMA
WiFi
PSTN

www.3g-wireless-products.com

Overview

VISIONTEK 83AR ADSL USB WiFi Router is a high-performance ADSL2+ Wireless Router with uplink rate upto 1 Mbps and downlink rate upto 24 Mbps. Data enabled RJ11 that is provided by Telecom Operator is connected to the Device for enjoying seamless Internet Connectivity. Its wireless function enables users to get connected on WiFi and it also gets connected to USB Modem on 3G/UMTS/EVDO services for 3G as Backup.

VISIONTEK 83AR ADSL USB WiFi Router has Web-based Graphic User Interface, in which user can easily modify the settings and connect to Internet Service. It also provides Flow Statistics, Connection Status and other detailed information. It supports static IP address, Dynamic address and PPPoE Connection.
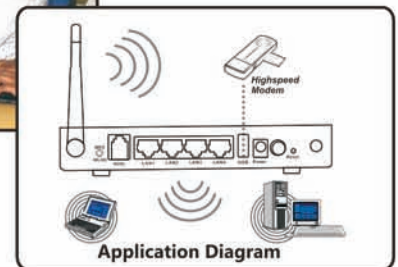
Application Areas

- Internet access Sharing
- High-speed Broadband
- Files and resources sharing on WLAN
- TV on IP (IPTV)
- Small Office Home Office Application
- 3G as Back up

Benefits

- WiFi Connectivity
- Auto fall back to 3G Connection.
- High-Speed Broadband with ADSL 2+
- 3G USB Modem connectivity
- 4 x LAN with 10/100 Ethernet switch

Application Diagram

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TÜVRheinland CERT ISO 14001

Advantages

Network Security : Visiontek 83AR provides a secure Wi—Fi network by supporting latest wireless security features to avoid unauthorized access. Supports WEP, WPA, WPA—PSK and WPA2—PSK to ensure a secured wireless network and utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

Easy To Install : Visiontek 83AR automatically detects the connected ADSL line as well a compatible 3G USB modems. Compatible with IEEE 802.11b/g/n services, the router has provision for directly connecting Ethernet based devices to its builtin 4 port full duplex 10/100 fast Ethernet switch. It provides users with a secure, high—speed connection to the Internet virtually anywhere within a wireless network.

Features

- Supports WiFi IEEE 802.11 b/g/n
- Supports security protocols of 64/128-bit WEP, AES, TKIP, WPA, WPA2, 802.1 XS
- VLAN, DHCP server & Relay
- Upto eight WAN connections in PVC
- 3G Modem as a backup
- NAT, NAPT & Virtual server

- QoS, Anti-DoS, UPnP & SNTP
- Ping/Web/Telnet/SSH/FTP/TFTP local & remote access control
- IGMP Snooping & Relay
- Static & Dynamic routing, RIPV1, RIPV2, active and passive modes
- URL/MAC/IP filtering, blacklist and white list filtering,

Specifications

Chipset	RTL8672VK+RTL8271B+ RTL8188RE +RTL8305N
DDR SDRAM	32 MB/8 MB
WI Fi Standard	IEEE802.11b/g/n
Frequency band	2.400 GHz~2.484 GHz
Modulation	64QAM, 16QAM, QPSK, BPSK, DSSS, CCK, DQPSK, DBPSK
Protocols	RFC 2684 & RFC1483 Multiprotocol Encapsulation over ATM Adaptation Layer 5
	RFC2516 PPP over Ethernet (PPPoE)
	G.992.1 (T1.413), G.992.2 (G.dmt.bis), G.Lite, G.992.3 (G.bis/ADS L2) G.992.5 (ADSL2+)
Power Consumption	12 W
External Interfaces	1 x RJ 11 Port
	4 x RJ 45 Ports
	1 x USB Type A 2.0 Port
	Power Adaptor
	WiFi External Antenna
Environment Requirement	Operating Temp 0ºC~40ºC
	Storage Temp 20ºC~70ºC
	Operating Humidity10%~95%, non-condensing
	Storage Humidity 5%~95%, non-condensing
Power Supply	12V DC, 1A
Dimensions	163 x 123x 28: mm
Color	Black
Weight	700 Grams (including power adapter +Packing)

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice   *Indicates optional feature

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