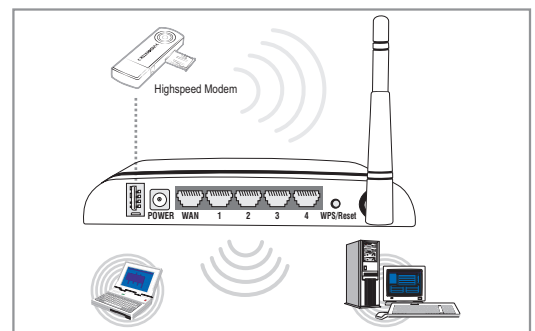# 3G USB Wi-Fi Router 83UR

GSM

CDMA

Wi Fi

LAN

Overview

Visiontek 83UR Wi-Fi Router meets mobile user's need for setting up a wireless network for sharing High-speed Internet Connection. By connecting an external USB modem* （CDMA 1x/EVDO or EDGE/3G）, it quickly enables user to create a secure Wi-Fi wireless network on IEEE 802.11 b/g/n and provide access to Internet. With convenience and flexibility, the Internet Connection can be shared virtually anywhere within the wireless network.

Visiontek 83UR is simple to use and can be setup easily. It can automatically detects the plug-in play USB modem* and support auto dial out to establish network connection. It can easily connect to high speed wireless data networks, with no additional requirements for software, drivers and interfaces. Several Laptops, Computers, PDAs and Wi-Fi phones can simultaneously share a single Wireless Broadband Connection. It has built-in 10/100 4 Port Fast Ethernet Switch for supporting LAN connectivity and supports Windows ME, 98SE, 2000, XP, Vista and Linux （Optional）.

Application Areas

- Small Offices & Home Offices
- Commercial Places
- Camp Sites
- Construction Sites
- Restaurants / Hotels
- Exhibitions & Events
- Rescue Camps
- Trains / Buses - On-the-go

Application Diagram

Advantages

- **Network Security:** Visiontek provides a secure Wi-Fi network by supporting latest wireless security features to avoid unauthorized access. Supports WEP, WPA, and WPA2 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 83UR automatically detects the external USB modem* connected there by avoiding loading of drivers and selection from the list. Compatible with IEEE 802.11b/g/n devices, the router has provision for directly connecting Ethernet based devices to its built-in 4 port full duplex 10/100 switch. Visiontek 83UR provides users with a secure, high-speed connection to the Internet virtually anywhere within a wireless network.

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Features

- Web page User Interface
- Supports Auto-dial up
- Supports NAT, DHCP functions
- Firewall feature for secured network
- Supports WPA, WPA-PSK, WPA2 and WPA2-PSK security protocols
- MAC, URL and IP filter function
- Supports IEEE 802.11 b/g/n
- DHCP server
- Remote Management
- Auto, Manual & On Demand Dialing
- Display status and statistics of Internet Connection

Specifications

Device Interfaces	USB 2.0, 4 x LAN Port, 1 x WAN port
Wireless Standards	IEEE 802.11b/g/n Wireless speed: up to 150 Mbps Frequency range: 2.4GHz to 2.484GHz 64/128 bits WEP data encryption WPA (Wi-Fi Protected Access), WPA2, WPA-PSK/WPS2-PSK security
Router & Network Protocols	NAT, Static Routing Virtual Server & DMZ
Firewall/access Security	Built-in NAT firewall MAC/IP/PORT Packet Filter URL Filter
Configuration/management	Web-based GUI for remote/local management Firmware upgrade, configuration via Web-based GUI Telnet server for remote/local management Syslog monitoring DHCP server/client/relay
Antenna	Wi-Fi External Antenna
Operating System	Windows ME, 98SE, 2000, XP, Vista, Win 7, MAC OSX and Linux*
Connectivity/ Ports	Power, USB Type-A port for connecting External Modem, 4 x LAN Port, 1 x WAN Port
Color	Black
Dimensions	177 (L) x 111 (W) x 27 (H) mm.
Weight	194 Grams
Environment Requirements	Operating Temperature: 0˚C ~ 50˚C. Storage Temperature: -10˚C ~ -70˚C. Operating Humidity: 10% ~ 90% (Non- Condensing)
Electrical Specifications	Power Adaptor: 9V, 1 Amps. Maximum Power Consumption: < 20W. Wi-Fi, LAN x 4, Power, Internet, WPS

*Compatible USB Modems - Huawei EC1260/EC1260i, ZTE8710 & VISIONTEK 82GH 3G USB Modems.

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

》VISIONTEK》

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