DrayTek

Vigor2132FVn

Security Giga Router

- Provides unprecedented speeds on fiber broadband network
- Support hardware NAT
- Up to 1G downstream/upstream
- VoIP facilities for low cost calls
- Easy-to-use firewall and secure VPN

The Fiber deployment lets businesses and common people have fatter pipe of accessing global network. More Knowledge. More Opportunities. The DrayTek Vigor2132FVn Fiber Router is developed in compliance with the Super-fast broadband architecture and customized for users which already have Fiber to the building (FTTB) or Fiber to the home (FTTH). The bandwidth-consumed multimedia streaming and crystal-clear VoIP functionalities are realized through the Vigor2132FVn's up-to-1000Mpbs (1 Gigabit) WAN throughput and advanced bandwidth management. You can apply the rules of Session Limit, Bandwidth Limit, Port Rate Control, QoS control list, Ports Priority to different traffic type for better efficiency.
In addition, it supports the worldwide standard TR069 management and customized triple play while most fiber routers could not have the above distinguished features.

Triple play for home entertainment and SOHO

The entertainment applications running over the home network infrastructure and home-based productivity for SOHO are growing while the broadband bandwidth is increasingly available within affordable budget along with deployment of FTTx. The fiber WAN port of Vigor2132FVn optimizes the throughput performance and flexibility for time-critical console gaming, multimedia streaming and P2P downloading as well as IP telephony. The four Gigabit ethernet (10/100/1000 LAN ports) auto-sensing ports facilitate home networking with width-intensive applications! Through the combination of Fiber WAN and Gigabit LAN ports to optimize the bandwidth usage, the downstream data and voice packets for Triple play can be flawlessly displayed in endpoint devices, such as HDTV, desktop/laptop or analog/IP phone.

Wireless coverage & security

The Vigor2132FVn router gives you not only the 802.11n standards for coverage, but also the time scheduling function to save your energy bill plus reducing the carbon footprint. For wireless security, Vigor2132FVn router is also efficient for wireless network management. For instance, its "Wireless LAN isolation" can easily isolate wireless network for friends or guests.

Then, the access rights of various wireless clients can be managed by "MAC address control" and deployed "WEP/WPA/WPA2" authentication. No need to remember passwords, you simply press "WPS" button on router and then enable users to securely connect laptop or computers to the router!

Cost-effective VoIP

What's further utilization of broadband access for your Vigor2132FVn router? By making the most of your broadband line, the call will be carried to the destination via Internet so you can save on the telephone bill. Combining the Internet Telephony service from the Internet Telephony Service Provider (ITSP), the Vigor2132FVn charter VoIP calls to be made to any legacy phone numbers, even including mobile and long distance numbers!

WAN Feature

- Ethernet WAN
  - IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
  - IPv6 - Tunnel Mode: TSPC, AICCU, 6rd*, Static 6in4, PPP
    Dual Stack: DHCPv6 Client, Static IPv6
- WAN Connection Failover

Network Feature

- DHCP Client/Relay/Server
- IGMP Snooping/Proxy V2 and V3
- Dynamic DNS
- NTP Client
- Call Scheduling
- RADIUS Client
- DNS Cache/Proxy and LAN DNS
- UPnP 30 sessions
- Port-based/Tag-based VLAN (802.1q)
- Routing Protocol:
  - Static Routing
  - RIP V2

VPN

- Up to 2 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- VPN Backup Mode

Network Management

- Web-based User Interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- Management Session Time Out
- 2-level Management (Admin/User Mode)
- TR-069
- TR-104

USB

- Printer Sharing
- File System :
  - Support FAT32 File System
  - Support FTP Function for File Sharing

Firewall

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control

Bandwidth Management

- QoS :
  - Guarantee Bandwidth for VoIP
  - Class-based Bandwidth Guarantee by User-defined Traffic Categories
  - DiffServ Code Point Classifying
  - 4-level Priority for Each Direction (Inbound /Outbound)
  - Bandwidth Borrowed
- Session Limitation
- Bandwidth Limitation
- Layer-2 (802.1p) and Layer-3 (TOS/DSCP) QoS Mapping

Wireless AP

- IEEE802.11n 2.0 Compliant
- Wireless Client List
- Wireless LAN Isolation
- 64/128-bit WEP
- WPA/WPA2
- Wireless Wizard
- Hidden SSID
- WPS
- MAC Address Access Control
- Access Point Discovery
- WDS (Wireless Distribution System)
- Multiple SSID
- Wireless Rate-control
- IEEE802.11e: WMM (Wi-Fi Multimedia)
- SSID VLAN Grouping with LAN Port (Port-based VLAN)

VoIP

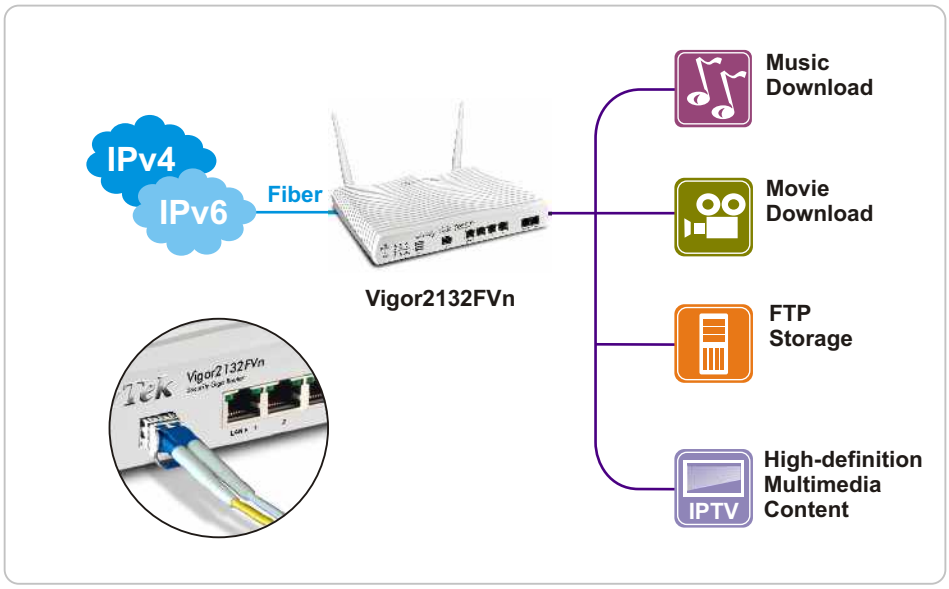
- Protocol: SIP, RTP/RTCP
- 12 SIP Registrars
- G.168 Line Echo-cancellation
- Jitter Buffer
- Voice codec:
  - G.711 • G.723.1 • G.726
  - G.729 A/B • VAD/CNG
- DTMF Tone :
  - Inband • Outband (RFC-2833) • SIP Info
- FAX/Modem Support :
  - Tone Detection • G.711 Pass-through
- Supplemental Services :
  - Call Hold/Retrieve/Waiting
  - Call Waiting with Caller ID
  - Call Transfer
  - Call Forwarding (Always, Busy and No Answer)
  - Call Barring (Incoming/Outgoing)
  - DND (Do Not Disturb)
  - MWI (Message Waiting Indicator) (RFC-3842)
  - Hotline
- Dial Plan :
  - Phone Book • Digit Map • Call Barring
  - Regional

CSM (Content Security Management)

- IM/P2P Application
- GlobalView Web Content Filter (Powered by CYREN)
- URL Content Filter :
  - URL Keyword Blocking (Whitelist and Blacklist)
  - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
  - Excepting Subnets

Hardware Interface

- 4 x 10/100/1000Base-Tx LAN Switch, RJ-45
- 1 x 10/100/1000 WAN Port, SFP Slot
- 2 x FXS, RJ-11
- 2 x Detachable Antennas
- 2 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless on/off/WPS Button



* Firmware Upgradable

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