



- Ideal for home and teleworkers using super-fast broadband
- Robust Firewall & Security for Internet activities
- 2 VPN Tunnels (including 2 SSL VPN tunnels)
- Bandwidth Management with intelligent VoIP QoS

Connectivity

Ethernet WAN

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

Ethernet LAN

- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnet
- Port/Tag-based VLAN

USB

- Printer Server/File Sharing
/Temperature Sensor

VPN

- 2 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1, SHA-256
- 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

Security

- 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
- Bind IP to MAC Address
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

VoIP (V model)

- Protocol: SIP, RTP/RTCP, ZRTP
- 6 SIP Registrars
- Dial Plan: Phone Book, Digit Map, Call Barring, Regional
- Call Features: Call Waiting, Call Transfer, Scheduled DND, Hotline
- Voice Codec: G.711 A/u law, G.726, G.729 A/B

Management

System Maintenance

- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/HTTP/TR-069
- CWMP Support (TR-069)

Network Management

- Bandwidth/Session Management
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level Priority)
- VoIP QoS

Wireless (ac model)

- Multiple SSID
- Security (Open, 64/128-bit WEP, WPA/WPA2, 802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- WMM (Wi-Fi Multimedia)
- SSID VLAN Grouping with LAN Port (Port-based VLAN)

Hardware Interface

- 1 x 1000Base-TX WAN, RJ-45
- 1 x 100/1000M Fiber WAN, SFP Slot (F model)
- 4 x 10/100/1000Base-TX LAN, RJ-45
- 2 x Detachable Antennas (ac model)
- 2 x FXS, RJ-11 (V model)
- 2 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless ON/OFF/WPS Button (ac model)

	WLAN		VoIP
	2.4GHz	5GHz	
Vigor2135			
Vigor2135ac	•	•	
Vigor2135Vac	•	•	•
Vigor2135F			
Vigor2135FVac	•	•	•