



- Dual-WAN for load-balancing or redundancy
- Embedded Cat.6 LTE/4G/3G cellular connectivity (L model)
- AX3000 Wi-Fi 6 dual-band wireless interface (ax model)
- 50 simultaneous VPN tunnels, up to 25 SSL VPN
- SPI Firewall and Content Filtering
- Central Management for VigorAP & VigorSwitch

### Connectivity

#### Ethernet WAN

- IPv4
  - DHCP Client, Static IP, PPPoE, PPTP, L2TP
- IPv6
  - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4
  - Dual Stack: PPP, DHCPv6 Client, Static IPv6
- WAN Function
  - WAN Connection Fail-over
  - WAN Budgets
  - Load Balance/Route Policy
  - 802.1q Multi-VLAN Tagging

#### Ethernet LAN

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

#### USB

- 3G/4G Modem as WAN
- Support Printer Server/File Sharing /Temperature Sensor

### Security

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall
- 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
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

### WLAN (wireless 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
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)

### VPN

- Up to 50 VPN Tunnels (including up to 25 SSL VPN Tunnels)
- Protocol: PPTP, IPsec, L2TP, L2TP over IPsec, IKEv2, SSL VPN, OpenVPN
- Encryption: MPPE and Hardware-based AES/DES/3DES
- Authentication: 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 Trunk: VPN Backup and Load Balance

### VoIP (V model)

- Protocol: SIP, RTP/RTCP, ZRTP
- 12 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.723.1, G.726, G.729 A/B
- Caller ID: FSK\_ETSI, FSK\_BELLCORE, DTMF

### LTE Modem (L model)

- LTE (4G) at speeds of up to 300 Mbit/s
- SMS Sending/Receiving
- SMS Quota

### 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 HTTP/TR-069/TFTP
- CWMP Support (TR-069/TR-104)
- LAN Port Monitoring

#### Network Management

- Bandwidth/Session Management
- User Management by Time/Data Quota
- LAN DNS and DNS Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Central AP Management
- Central VPN Management
- Central Switch Management

### Hardware Interface

- 2 x 10/100/1000Base-Tx WAN, RJ-45
- 6 x 10/100/1000Base-Tx LAN Switch, RJ-45 (P6 is shared by WAN2)
- 2 x Detachable Antennas (WLAN model)
- 2 x Detachable LTE Antennas (L model)
- LTE SIM Card Slot (L model)
- 2 x USB Ports or 1 x USB Port (L model)
- 1 x Factory Reset Button
- 1 x Wireless On/Off/WPS Button (WLAN model)
- 2 x FXS, RJ-11 (V model)

	WLAN			
	2.4 GHz	5 GHz	LTE	VoIP
Vigor2927				
Vigor2927ac	•	•		
Vigor2927Vac	•	•		•
Vigor2927ax	•	•		
Vigor2927L			•	
Vigor2927Lac	•	•	•	