



- 4 LAN/WAN configurable ports
(1 x 2.5GbE & 1 x SFP/GbE combo & 2 x GbE)
- 2 Gigabit Ethernet LAN ports
- 2 USB for 3G/4G USB mode, printer, network storage or temperature sensor
- 200 simultaneous VPN tunnels including up to 50 SSL VPN
- Support High Availability (hardware redundancy)
- Central Management for VigorAP & VigorSwitch

WAN Protocol

- Giga Ethernet WAN
 - IPv4
 - DHCP Client
 - Static IP
 - PPPoE
 - PPTP
 - L2TP
 - 802.1q/p Multi-VLAN Tagging
 - IPv6
 - Dual Stack: PPP, DHCPv6 Client Static IPv6
 - Tunnel Mode: TSPC, AICCU, 6rd, 6in4 Static Tunnel
- USB WAN
 - PPP
- Outbound Policy-based Load-balance
- WAN Connection Failover
- Multi-PVC/VLAN
- NAT Session: up to 100,000

LAN Switch

- Port-based VLAN
- Tag-based VLAN
- Bind-IP to MAC Address
- LAN Port Mirror
- Wired 802.1X
- Link Aggregation
 - Support on LAN Port 3 & 4
 - Support XOR MAC Source & Destination Address Mode

VPN

- Up to 200 VPN Tunnels
(Including 50 SSL VPN Tunnels)
- Protocol: PPTP, IPsec, L2TP, L2TP over IPsec, GRE over IPsec, IKEv2, SSL VPN, OpenVPN
- Encryption: MPPE and Hardware-based AES/DES/3DES
- Authentication: MD5, SHA-1, SHA-256
- IKE Authentication: Pre-shared key and Digital Signature (X.509)
- mOTP
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- VPN Trunk

Firewall

- Port Mapping
 - Port Redirection: 100 Entries
 - Open Ports: 100 Entries
 - DMZ Host: Private IP
 - Port Triggering: 40 Entries
- Rule-based Firewall
- Object-based Firewall
- SPI (Stateful Packet Inspection, Flow Track)
- DoS Defense
- Time Schedule Control
- Firewall Wizard and Advanced Mode
- Email Alert and Logging via Syslog
- IP Address Anti-Spoofing
- IPv6 Firewall

Network Feature

- Packet Forwarding Acceleration
- DHCP Client/Relay/Server
- DHCP Option: 1,3,6,43,51,53,54,58,59,60,61,66,125
- DHCP B-class Pool
- RADVD for IPv6
- DHCPv6 Server
- Static IPv6 Address Configuration
- IGMP Proxy v2 / v3
- IGMP Snooping
- Triple-play Application
- Dynamic DNS
- DNS Cache / Proxy
- DNS Security
- DNS Forwarding
- LAN DNS
- NTP Client
- Call Scheduling
- Hotspot Web Portal (4 profiles)
- RADIUS Server / Client
- UPnP 200 Sessions
- Wake on LAN
- Bonjour Service

Bandwidth Management

- QoS
 - First Priority for VoIP SIP/RTP
 - Class-based Bandwidth guarantee
 - DiffServ Code Point Classifying
 - 4-level Priority for Inbound / Outbound
 - Bandwidth Borrowed
- Bandwidth/Sessions Limitation
 - Smart Bandwidth Limit
- APP QoS
- WAN Budget

Content Security Management

- APP Enforcement
 - Support APPE Signature Upgrade by License
- URL Content Filter :
 - URL Keyword Blocking (White List and Black List)
 - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
 - Excepting Subnets
- WEB Content Filter
- DNS Filter

Network Management

- Web-Based User Interface (HTTP/HTTPS)
- Command Line Interface (Telnet/SSH)
- Dashboard
- Quick Start Wizard
- Administration Access Control
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via HTTP/TFTP/TR-069
- Logging via Syslog
- Syslog Explorer
- SNMP v2/v2c/v3
- Object-Based SMS/Mail Alert
- Management Session Time Out
- Multi-level Management
- Admin and User Mode
- Disable User Mode in Default
- TR-069/TR-104
- 802.3az
- Self-signed Certificate
- Support Multi-firmware Upgrade Utility

Hardware Interface

- 4 x LAN/WAN configurable ports
(1 x 2.5GbE & 1 x SFP/GbE combo & 2 x GbE)
- 2 x 10/100/1000Base-Tx LAN Switch, RJ-45
- 802.3af/at PoE Output on P1 and P4-P6 (P model)
- 2 x USB Host (USB1 is 2.0 and USB2 is 3.0)
- 1 x Factory Reset Button

| | PoE |
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| Vigor2962 | |
| Vigor2962P | ● |