



- Support VDSL2 35b Super Vectoring/ADSL2+
- Robust Firewall & Security for Internet activities
- 2 VPN connections for remote access and LAN-to-LAN
- Bandwidth Management with intelligent VoIP QoS

### VDSL2 35b

Download speed up to 300 Mbps

### 600 Mbps

Max. NAT Throughput

### 2 VPN

Support IKEv2, SSL VPN, and OpenVPN

### 50k Sessions

Recommended for 30 clients

### VDSL/ADSL

VDSL Standards	ITU-T G.993.1 (VDSL), G.997.1, G.993.2 (VDSL2)
VDSL2 Profile	8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 35b (Supervectoring)
VDSL Band Plan	997, 998
ADSL Standards	ANSI T1.413, ITU-T G.992.1(G.dmt), G.992.2 (G.lite)
ADSL2 Standards	ITU-T G.992.3, G.992.3 Annex M/J
ADSL2+ Standards	ITU-T G.992.5, G.992.5 Annex M/J

### Internet Connection

IPv4	PPPoE, DHCP, Static IP, PPTP/L2TP
IPv6	PPP, DHCPv6, Static IP, TSPC, AICCU, 6rd, 6in4 Static Tunnel
802.1p/q Multi-VLAN Tagging	•
Multi-VLAN/PVC	•
4G/LTE WAN with USB modem	•
WAN Failover	•
Connection Detection	ARP, Strict ARP, Ping
WAN Data Budget	•
Dynamic DNS	•
DrayDDNS	•

### LAN Management

VLAN	802.1q Tag-based, Port-based
Max. Number of VLAN	8
Number of LAN Subnet	4
DHCP Server	Multiple IP Subnet, Custom DHCP Options, Bind-IP-to-MAC
Wired 802.1x Authentication	•
Port Mirroring	•
Local DNS Server	•
Conditional DNS Forwarding	•
Hotspot Web Portal	•
Hotspot Authentication	Click-Through, Social Login, SMS PIN, Mail PIN, RADIUS, External Portal Server

### Management

Local Service	HTTP, HTTPS, Telnet, SSHv2, FTP, TR-069
Config File Export & Import	•
Config File Compatibility	Vigor2132 Series, Vigor2133 Series
Firmware Upgrade	TFTP, HTTP, TR-069
2-Level Administration Privilege	•
Access Control	Access List, Brute Force Protection
Notification Alert	SMS, E-mail
SNMP	v1, v2c, v3
Syslog	•
Managed by VigorACS	•
Central AP Management	2 VigorAP

## Wireless LAN

Number of SSID	4 per radio band
Security Mode	WEP, WPA, WPA2, Mixed(WPA+WPA2)
Authentication	Pre-Shared Key, 802.1x
WPS	PIN, PBC
WDS	Repeater
Access Control	Access List, Client Isolation, Hide SSID, Wi-Fi Scheduling
AirTime Fairness	•
Band Steering	•
MU-MIMO	•
WMM	•

## VPN

LAN-to-LAN	•
Teleworker-to-LAN	•
Protocols	PPTP, L2TP, IPsec, L2TP over IPsec, SSL, IKEv2, IKEv2-EAP, IPsec-XAuth, OpenVPN
User Authentication	Local, RADIUS, mOTP
IKE Authentication	Pre-Shared Key, X.509
IPsec Authentication	SHA-1, SHA-256, MD5
Encryption	MPPE, AES, DES, 3DES
VPN Trunk (Redundancy)	Load Balancing, Failover
Single-Armed VPN	•
NAT-Traversal (NAT-T)	•

## Networking

Routing	IPv4 Static Routing, IPv6 Static Routing, Inter-VLAN Routing, RIP
Policy-based Routing	Protocol, IP Address, Port, Domain, Country
DNS Security (DNSSEC)	•
Multicast	IGMP Proxy, IGMP Snooping & Fast Leave, Bonjour
SMB File Sharing	• (Requires external storage)

## Firewall & Content Filtering

NAT	Port Redirection, Open Ports, Port Triggering, DMZ Host, UPnP
ALG	SIP, RTSP, FTP, H.323
VPN Pass-Through	PPTP, L2TP, IPsec
IP-based Firewall Policy	•
Content Filtering	Application, URL, DNS Keyword, Web Features, Web Category* (*: subscription required)
DoS Attack Defense	•
Spoofing Defense	•

## Bandwidth Management

IP-based Bandwidth Limit	•
IP-based Session Limit	•
QoS (Quality of Service)	TOS, DSCP, 802.1p, IP Address, Port, Application
VoIP Prioritization	•
APP QoS	•

## Interface

Fixed WAN Port	1 x VDSL2 35b or ADSL2/2+, RJ-11
LAN/WAN	1 x 10/100/1000Base-T, RJ-45 (P4)
Switchable Port	
Fixed LAN Port	3 x GbE, RJ-45
USB Port	2 x USB 2.0
Button	1 x Factory Reset 1 x Wireless On/OFF/WPS

