

Vigor2136 Series

2.5G VPN Security Router



Vigor2136 Series is a broadband VPN router, featuring 2.5G WAN port to deliver fast speed that meets the growing network demands of business. It delivers up to 2.3 Gbps performance without sacrificing bandwidth control features. The router is equipped with business-grade features, including web content filtering, Route Policy, App-based QoS, and more. The series includes the model with built-in 802.11ax Wi-Fi, and the model with built-in 4G cellular.

1x 2.5G WAN
1x 2.5G LAN/WAN Switchable

16 VPN

50K Sessions

AX3000
(ax model only)



Interface

① Fixed WAN Port	1 x 2.5GbE RJ-45
② LAN/WAN Switchable Port	1 x 2.5GbE RJ-45
③ Fixed LAN Port	3 x GbE RJ-45
④ USB Port	2 x USB 2.0 1 x USB 2.0 (4G model)
⑤ SIM Slot	2 x Nano-Sized (4G model)
Button	1 x Factory Reset 1 x WLAN/WPS (ax model)

Internet Connection

IPv4	PPPoE, DHCP, Static IP
IPv6	PPP, DHCPv6, Static IPv6, TSPPC, 6rd, 6in4 Static Tunnel
802.1p/q Multi-VLAN Tagging	•
Failover	•
Connection Detection	ARP, Ping
WAN Data Budget	•
Dynamic DNS	•
DrayDDNS	•

LTE (2136ax-4G)

LTE FDD Band	B1,3,7,8,20,28
LTE TDD Band	B38,40
LTE Category	Cat6
LTE Max. Link Rate	300 Mbps (DL) / 50 Mbps (UL)
WCDMA (3G) Band	B1, 8

IAM

Users & Groups	•
Access Policies	•
Group Policies	•
Conditional Access Policies	•
Resources	•
Account Status	•
Backup and Restore	•

	WLAN	4G
Vigor2136		
Vigor2136 ax	•	
Vigor2136 ax-4G	•	•

LAN

VLAN	802.1q Tag-based
Max. Number of VLAN	8
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, RADIUS, External Portal Server

WLAN (ax model)

Wi-Fi 6	•
Max. Number of SSIDs (per band)	8 (4)
Security Mode	OWE, WEP, WPA, WPA2, WPA2/WPA, WPA3, WPA3/WPA2
Authentication	Pre-Shared Key, 802.1x
OFDMA	•
Roaming	Assisted Roaming
WPS	WPS Button, PIN Code
WDS	Repeater
Access Control	Access List, Client Isolation, Hide SSID, WLAN Scheduling
AirTime Fairness	•
Band Steering	•
WMM	•
Mesh (5GHz Only)	Root

Networking

Routing	IPv4 Static Route, IPv6 Static Route, Policy Route, Inter-VLAN Route, RIP v1/v2, BGP, OSPF (v2/v3)
Policy-based Routing	Protocol, IP Address, Port
DNS Security (DNSSEC)	•
IGMP	IGMP v2/v3, IGMP Proxy, IGMP Snooping & Fast Leave
Local RADIUS Server	•

Bandwidth Management

Traffic Shaping Policy	•
IP-based Bandwidth Limit	•
IP-based Session Limit	•
QoS (Quality of Service)	IP Address, Port, Application
APP QoS	•
Default Policy	•
VoIP Prioritization	•

Security

URL/IP Reputation	•
Firewall Filter	IP, Content, Traffic
Port Knocking	•
Defense Setup	ARP Spoofing, IP Spoofing
MAC Filtering Profile	•
IPv6 Address Security	•

Management

Local Service	HTTP, HTTPS, Telnet, SSH v2, FTP, TR-069
Config Backup/Restore	•
Firmware Upgrade	TFTP, HTTP, TR-069
Role-based Privilege	•
Access Control	Access List, Brute Force Protection
Notification Alert	SMS, E-mail
SNMP	v1, v2c, v3
Syslog	•
Virtual AP Controller	20
Mesh (Number of manageable Aps)	7 (ax model)
Virtual Switch Controller	5
VigorACS Management	•

NAT

Port Forwarding	•
DMZ Host	•
Port Trigger	•
ALG (Application Layer Gateway)	SIP, RTSP, FTP, H.323
UPnP	•

VPN

Site-to-Site	•
Teleworker VPN	•
EasyVPN	•
Protocols	IPsec, IKEv1/IKEv2, IKEv2-EAP, IPsec-XAuth, OpenVPN, WireGuard
Max. VPN Tunnels	16
User Authentication	Local, RADIUS, TACACS+, mOTP, TOTP
IKE Authentication	Pre-Shared Key, X.509
IPsec Authentication	SHA-1, SHA-256
Encryption	AES, DES, 3DES
Single-Armed VPN	•
NAT-Traversal (NAT-T)	•
VPN Connection Status	•
Backup & Restore	•

Monitoring

Clients List	•
Log Center	•
Wireless Information	• (ax model)
WAN	•
ARP Table	•
Route Table	•
DHCP Table	•
IPv6 TSPC Table	•
IPv6 Neighbor Table	•
LLDP Neighbors	•
DNS Cache Table	•
Remote DSL Status	•
PPPoE Pass-Through	•
Session Table	•
Running Service	•
Port Knocking Status	•