

DrayTek

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 models with built-in 802.11ax WiFi.

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

4 VPN

50K Sessions

AX3000
(ax model only)



Interface

① WAN Port	1 x 2.5GbE RJ-45
② LAN/WAN Switchable Port	1 x 2.5GbE RJ-45
③ LAN Port	3 x GbE RJ-45
④ USB Port	2 x USB 2.0
Button	1 x Factory Reset 1 x WLAN/WPS (ax model)

Internet Connection

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

USB Application	User Management File Explorer Device Status Printer Server Temperature Sensor USB WAN
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LAN

VLAN	802.1q Tag-based, Port-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, External Portal Server

WLAN (ax model)

WiFi 6	• (ax model)
Max. Number of SSIDs	8 per band
Security Mode	OWE, WEP, WPA, WPA2, WPA2/WPA, WPA3, WPA3/WPA2
Authentication	Pre-Shared Key, 802.1x
OFDMA	•
Roaming	Assisted Roaming
WPS	PIN, PBC
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	•
SMB File Sharing	• (Requires external storage)

Bandwidth Management

Traffic Shaping Policy	•
IP-based Bandwidth Limit	•
QoS (Quality of Service)	IP Address, Port, Application, 802.1p*, DSCP*
APP QoS	•
Default Policy	•
VoIP Prioritization	•

Security

IP Reputation Filter	*
Firewall Filter	IP, Content, Traffic
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	•

IAM

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

VPN

Site-to-Site	•
Teleworker VPN	•
Protocols	IPsec, IKEv1/IKEv2, IKEv2-EAP, IPsec-XAuth, OpenVPN, Wireguard
Max. VPN Tunnels	4
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	•
WAN	•
ARP Table	•
Route Table	•
DHCP Table	•
IPv6 TSPC Table	•
IPv6 Neighbor Table	•
DNS Cache Table	•
PPPoE Pass-Through	•
Session Table	•

WLAN

Vigor2136	
Vigor2136ax	•

*Future Support