

# 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. With a hardware accelerator, 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