DrayTek

Vigor2927 Series

Dual-WAN Security Router



Vigor2927 Series is a dual-Ethernet WAN firewall router, providing load-balancing and failover for your business continuity. Featuring VPN, QoS, route policy, firewall, content filtering, bandwidth management, captive hotspot portal, and a lot more, this is the ultimate router that does it all for SMB. The series includes built-in 802.11ac Wave 2 Wi-Fi and VoIP gateway models.

Dual-WAN | 50 VPN | 25 SSL VPN | 60k Sessions



Interface

❶ Fixed WAN Port	1 x 10/100/1000Base-TX, RJ-45
❷ WAN/LAN Switchable Port	1 x 10/100/1000Base-TX, RJ-45 (WAN 2 or LAN Port 6)
❸ Fixed LAN Port	5 x 10/100/1000Base-TX, RJ-45
❹ USB Port	2 x USB 2.0 or 1 x USB 2.0 (L model)
❺ VoIP	2 x FXS, RJ-11 (V model)
Wi-Fi Antenna	2 x External Dipole (wireless model)
LTE Antenna	2 x with FME connector (L model)
SIM Slot	2 x Standard-Sized (L model)
Button	1 x Factory Reset 1 x Wireless On/OFF/WPS (wireless model)

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	•
Wireless WAN	• (wireless model)
4G/LTE WAN with USB modem	•
Hardware Acceleration	• (f/w 4.2.2)
Load Balancing	IP-based, Session-based
WAN Active on Demand	Link Failure, Traffic Threshold
Connection Detection	ARP, Ping
WAN Data Budget	•
Dynamic DNS	•
DrayDDNS	•

LAN Management

VLAN	802.1q Tag-based, Port-based
Max. Number of VLAN	16
Number of LAN Subnet	8
DHCP Server	Multiple IP Subnet, Custom DHCP Options, Bind-IP-to-MAC
LAN IP Alias	•
Wired 802.1x Authentication	•
Port Mirroring	•
Local DNS Server	•
Conditional DNS Forwarding	•
Hotspot Web Portal	•
Hotspot Authentication	Click-Through, Social Login, SMS PIN, Voucher PIN, RADIUS, External Portal Server

Management

Local Service	HTTP, HTTPS, Telnet, SSH, FTP, TR-069
Config File Export & Import	•
Config File Compatibility	Vigor2926
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 VPN Management	8 VPN
Central AP Management	20 VigorAP
Central Switch Management	10 VigorSwitch

Wireless LAN (Wireless model)

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	Bridge, Repeater
Access Control	Access List, Client Isolation, Hide SSID, Wi-Fi Scheduling
AirTime Fairness	•
Band Steering	• (dual-band model)
MU-MIMO	• (5G Only) (dual-band model)
WMM	•

VPN

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

Networking

Routing	IPv4 Static Routing, IPv6 Static Routing, Inter-VLAN Routing, RIP, BGP
Policy-based Routing	Protocol, IP Address, Port, Domain, Country
High Availability	•
DNS Security (DNSSEC)	•
Multicast	IGMP Proxy, IGMP Snooping & Fast Leave, Bonjour
Local RADIUS server	•
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	•

VoIP (V model)

Protocol	SIP, RTP/RTCP, ZRTP
SIP Registrars	12
Dial Plan	Phone Book, Digit Map, Call Barring, Regional
Call Features	Call Waiting, Call Transfer, Scheduled DND, Hotline
Voice Codec	G.711 A/u law, G.726, G.729 A/B
Caller ID	FSK_ETSI, FSK_BELLCORE, DTMF

LTE (L model)

LTE Category	6
Max. Data Rate	300 Mbps downlink, 50 Mbps uplink
FDD Band	1 (2100MHz), 3 (1800MHz), 7 (2600MHz), 8 (900MHz), 20 (800MHz)
WCDMA (3G) Band	1, 5, 8

For other band availability, please contact your local DrayTek distributor or us.

	WLAN			
	2.4 GHz	5 GHz	LTE	VoIP
Vigor2927				
Vigor2927ac	•	•		
Vigor2927Vac	•	•		•
Vigor2927ax	•	•		
Vigor2927L			•	
Vigor2927Lac	•	•	•	

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