DrayTek

Vigor2927F Series

Dual-WAN Security Router

Vigor2927F Series is a dual-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.

Dual-WAN	**50 VPN**	**25 SSL VPN**	**60k Sessions**
NAT Throughput up to 800 Mbps	IPsec throughput up to 290Mbps	Throughput up to 120 Mbps	Recommended for a network of 50 hosts

Interface

❶ Fixed WAN Port	1 x 100/1000M SFP Slot	
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	
Wi-Fi Antenna	2 x External Dipole (wireless 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

Bandwidth Management

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

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	●

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	●

	WLAN	
	2.4 GHz	5 GHz
Vigor2927F		
Vigor2927Fac	●	●