DrayTek

Vigor C410/C510 Series
## Cellular VPN Security Router

The Vigor C410/C510 Series is a high-performance Cellular WAN Security Router featuring embedded cellular connectivity for seamless and reliable internet access. Designed as a primary WAN solution, it is set to operate in "Always On" mode by default, ensuring uninterrupted connectivity. It is equipped with advanced features such as VPN, QoS, route policy, web content filtering, Identity and Access Management (IAM), a hotspot web portal, and more.

Cellular WAN	16 VPN	50K Sessions	AX3000
			(ax model only)

C410ax

C510ax
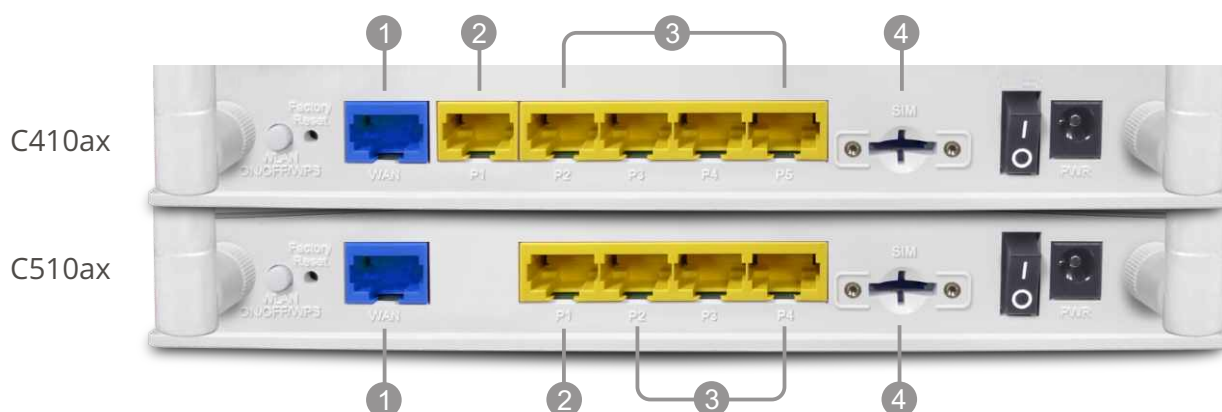
Interface

❶ Fixed WAN Port	1 x GbE RJ-45
❷ LAN/WAN Switchable Port	1 x GbE RJ-45
❸ Fixed LAN Port	4 x GbE RJ-45 (C410 series)
	3 x GbE RJ-45 (C510 series)
❹ SIM Slot	2 x Nano-Sized
Button	1 x Factory Reset
	1 x WLAN/WPS (ax model)

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
Virtual Switch Controller	5
VigorACS Management	●

5G/LTE/WCDMA (C510 series)

5G Band	n1,3,7,8,20,28,38,40,77,78
5G Max. Link Rate	NR SA: 2.4Gbps (DL) / 900Mbps (UL)
	NR NSA: 3.4Gbps (DL) / 550Mbps (UL)
LTE FDD Band	B1,3,7,8,20,28
LTE TDD Band	B38,40
LTE Category	Cat19 (DL) / Cat18 (UL)
LTE Max. Link Rate	1.6Gbps (DL) / 200Mbps (UL)
WCDMA (3G) Band	B1,8

LTE (C410 series)

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

	WLAN	4G	5G
Vigor C410		●	
Vigor C410ax	●	●	
Vigor C510		●	●
Vigor C510ax	●	●	●

Internet Connection

IPv4	PPPoE, DHCP, Static IP
IPv6	PPP, DHCPv6, Static IPv6, TSPC, 6rd, 6in4 Static Tunnel
802.1p/q Multi-VLAN Tagging	●
Failover	●
Connection Detection	WPS Button, PIN Code
WAN Data Budget	●
Dynamic DNS	●
DrayDDNS	●

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	●
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	●

IAM

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

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	●

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	●
WAN	●
ARP Table	●
Route Table	●
DHCP Table	●
IPv6 TSPC Table	●
IPv6 Neighbor Table	●
LLDP Neighbors information	●
DNS Cache Table	●
PPPoE Pass-Through	●
Session Table	●