DrayTek

Your reliable networking solutions partner



Databook 2018



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At a ceremony in London on October 12th, PC Pro presented the trophy to DrayTek as the winner of the 2017 "Best Wireless Router Brand". This is the 8th time we have won this award.



Vigor2952 Series reviewed by PC Magazine, Greece

Vigor Series got the positive reviews on PC Magazine again. Vigor2952 Series can be a perfect solution for a small-medium business with comprehensive features, such as VPN, Firewall, and Central Management Solution.



Vigor2860ac, VigorAP902 and VigorAP910C get the positive review by MREŽA magazine in Croatia

These products have been reviewed by MREŽA magazine, the most popular Croatian IT guide, and are strongly recommended.



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Taiwan Excellence Awards are given to world-class, revolutionary products which embody innovation and value by the Taiwan External Trade Development Council.



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Wi-Fi has become the most important factor for the travelers. Besides cozy rooms, lavish amenities, and friendly staffs, providing a stable Wi-Fi will definitely make your guests feel more like home. DrayTek provides solutions that help you deploy a reliable and secure wireless network to welcome your guests.

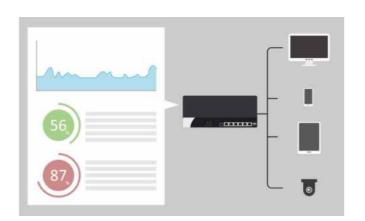
Goal

- Providing a stable Wi-Fi all the time
- Web portal for promotion
- Ensure network security
- Improve operating efficiency

AirTime Fairness & Bandwidth Limit

AirTime Fairness and Bandwidth Limit feature will make sure the network resource will be fairly allocated, and every guest would experience a stable Internet speed.

Moreover, Vigor Router can also do "autoadjustment" to allow bandwidth usage over the limit when there is spare bandwidth available.



Roaming

Wireless roaming allows your guests to stay connected anywhere at your venue. VigorAP supports "AP-Assisted Roaming" feature to help your guests always connect to the access point which has the strongest signal. PMK Caching and Pre-Authentication are also supported to ensure seamless roaming even when 802.1X authentication is deployed.



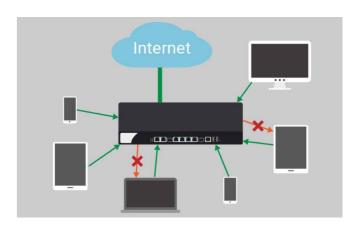
Web Portal

When the guests connect to the network, you can redirect them to a captive portal before providing the Internet services for them. Vigor router is integrated with web portal solution for user authentication, inform the terms and conditions, or present a landing page for promotion.



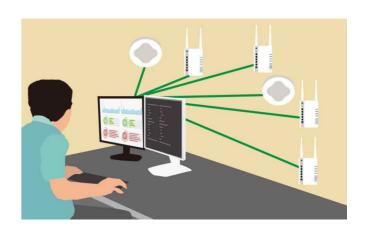
Wireless Client Isolation

VigorAP can block the wireless clients from accessing each other, as well as block the wireless clients from the wired network. This not only will protect your internal network from malicious users, but also ensure the privacy and security for your guests.



APM – A Built-in Wireless Controller

Central AP Management (APM) feature is a wireless controller built in the router which can significantly reduce the workload of IT staff, while it allows monitoring and maintaining all the access points through a single portal. The Auto Provisioning function allows the router to automatically push the configuration to newly added access points, which helps you easily deploy more access points even without an on-site IT staff.





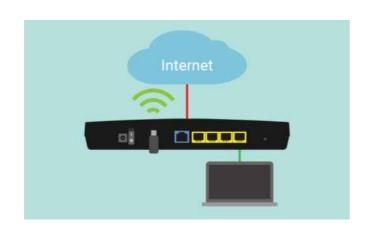
For self-employed individuals or small business owners who work mostly on the Internet, DrayTek SOHO solution can provide you reliable and secure Internet connection. Remember that in the office the important thing is your professional skill, so rather than spending time on understanding the technical terms, why not just let DrayTek handle it.

Goal

- Failover Internet connection
- Guaranteed bandwidth for businessrelated Internet activities
- Firewall protection
- A secure remote access

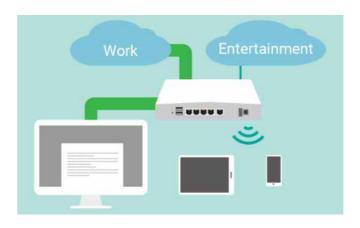
WAN Failover

Vigor Router can give you reliable Internet connectivity. It supports at least one USB port that you can attach a 3G/4G/LTE USB modem to add a backup wireless connectivity; furthermore, the router can automatically dial up the connection when it detects physical line failure. If there is no USB modem available, you may also enable "wireless WAN" to let the router connects to your mobile phone hotspot to get a temporary Internet connection.



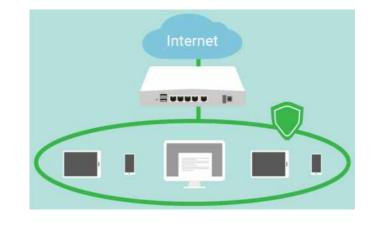
Quality of Service (QoS)

While there are various Internet applications running on the network, Vigor Router supports Quality of Service (QoS) to reserve a certain amount of bandwidth for the business-related Internet activities. This will minimize the delay and ensure you good connection quality even when the Internet traffic is heavy.



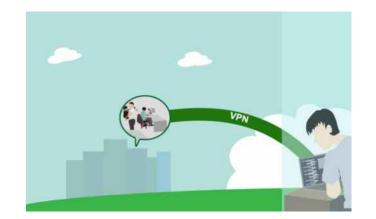
Firewall Features

Security is always and important issue no matter the size of the network. Vigor Router has a built-in firewall which offers advanced security features including Packet Filter, Stateful Packet Inspection (SPI), Web Content Filtering, and Denial-of-Service (DoS) Defense. These can protect your network from various threats and enables you to always stay productive.



VPN Server

Vigor Router can be a VPN server that allows you to access the internal resources through a secure link while traveling. Not only the industry standard tunneling protocols are supported, but also SSL VPN - a type of VPN that can bypass firewall and NAT of public networks. LAN-to-LAN VPN is also supported which allows you to establish a secure link between remote offices/branch offices and access the network resources of the remote sites.





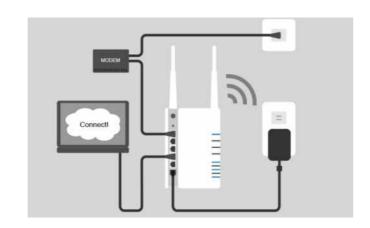
You need a family network solutions for around 5 people, including children and the elderly. All you need is a stable Internet access via both wired and wireless, but you want to keep your kids away from the inappropriate contents. There are various devices in the house, from legacy ones to the new ones. You want to make sure all the devices can join the network, and the wireless devices not only can stay connected all the time but also sustain a good signal strength everywhere. Why not try DrayTek's home networking solution to spend less time on the settings, and just let the network work!

Goal

- Internet access and wireless network
- Connect to the network by various devices
- Filtering websites which are inappropriate for the kids
- A roaming wireless network

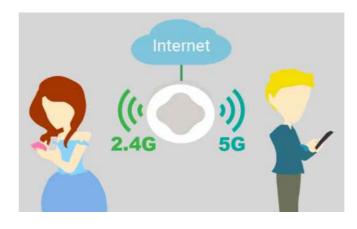
Easy and Quick Settings

Vigor Router and AP are designed with proper default settings which make setting up home network become so easy and quick. Just connect the router's WAN port or AP's LAN port to your cable modem, plug in the power, and the Internet connection and wireless access will be ready.



Dual-band Wi-Fi & Band Steering

It is common that there are plenty of wireless devices in a house. With dual-band Wi-Fi support, the 5GHz-capable devices can enjoy a faster and more stable wireless connection. Furthermore, we can enable Band Steering and set up the same SSID and password on both 2.4GHz and 5GHz channel, then the router/AP will automatically direct the 5GHz-capable devices to the less crowded 5 GHz band, and leave 2.4GHz channel resources for the legacy devices.



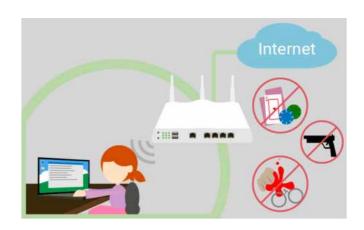
Roaming

While you are moving around in your house, "Roaming" technology will allow you to automatically switch from the originally connected AP to the one that is closer to you. Therefore you can always get good Wi-Fi signal and have a stable wireless connection.



Protect your children with "Content Filter"

Childcare is always an important thing. With Vigor Router, you may set up content filtering rules to block the websites which are inappropriate for the children. With an annual subscription to CYREN Web Content Filtering service, you may also filter the websites by their categories, and set up restrictions to block the whole categories of websites (such as Porn & Sexually, Violence.. etc.) without the need to specify every site you would like to block.



Router **Broadband Broadband**

Vigor2133 Series

Gigabit Broadband Router



- · Gigabit Ethernet WAN port
- 2 USB ports for 3G/4G backup or network storage
- 2 Simultaneous VPN Tunnels & maximum 2 SSL VPN Tunnels
- SPI Firewall with content filtering by application, URL keyword, and web category
- Bandwidth Management & Intelligent VoIP QoS to optimize call quality
- Central Management for VigorAP

		├ VVL	AN —
	VoIP	2.4 GHz	5 GHz
Vigor2133Vac	•	•	•
Vigor2133ac		•	•
Vigor2133n		•	
Vigor2133			

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Vigor2926 Series

Dual-WAN Security Router



- 2 Gigabit Ethernet WAN Ports
- 2 USB ports for 3G/4G modem or extra storage
- Up to 4 WAN for Load Balancing or Failover
- 802.11ac Wave 2 dual-band wireless for speed up to 1.7 Gbps (ac/Vac model)
- 50 Simultaneous VPN Tunnels
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch
- Support DrayDDNS

	VoIP	2.4 GHz	5 GHz
Vigor2926 Vac	•	•	•
Vigor2926ac		•	•
Vigor2926n		•	
Vigor2926			

Vigor2912 Series

Dual-WAN Security Router



- Dual WAN for load-balancing or redundancy
- 1 USB port for 3G/4G WAN, printer, or network storage
- 16 concurrent IPsec/PPTP/L2TP VPN tunnels, and 8 concurrent SSL VPN
- Bandwidth management & QoS for the best VoIP quality
- · SPI Firewall with Content Filtering by Apps, URL keyword, and web category
- IPv6 Support
- Built-in 802.11n Wi-Fi (Vigor2912n)



Vigor2952 Series

Dual-WAN Security Firewall



- Dual Gigabit Ethernet WAN
- 2 USB ports for 3G/4G celluar modem, network storage, or USB temperature sensor
- Up to 4 WAN for load-balancing and failover
- High-Performance VPN allowing 100 concurrent tunnels
- IPv6 support on WAN & LAN
- Up to 8 IP subnet on LAN, PPPoE Server support
- High Availability (Hardware Redundancy) support
- Integrated controller for up to 30 VigorAP and up to 10 VigorSwitch
- PoE+ capable ports available on Vigor2952P/Pn

	PoE	WLAN	
Vigor2952Pn	•	•	
Vigor2952P	•		
Vigor2952n		•	
Vigor2952			

Vigor2960

Dual-WAN Security Firewall



- 4 Gigabit Ethernet WAN for load balancing or failover
- 2 Gigabit LAN ports for facilitating business application
- 2 USB port for 3G/4G Backup (or Load Balancing), printer, or temperature sensor
- · Robust SPI firewall with content filtering by application, URL keyword, and web category
- · Support PPPoE server with quota policy and MAC address filter
- Bandwidth Management with 4-level priority QoS for both inbound and outbound traffic
- Support IPv6 on WAN and LAN
- Central Management for Vigor Router, VigorAP, and VigorSwitch

Vigor3220 Series

Multi-WAN Security Router

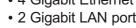


- 4 Gigabit WAN Port for load balancing or failover
- 2 USB for 3G/4G USB mode, printer, network storage or temperature sensor
- 100 simultaneous VPN tunnels including up to 50 SSL VPN
- IPv6 Support on WAN & LAN
- SPI Firewall and content filtering by URL keyword, Apps, and web category (optional)
- Support Central Device Management for up to 30 VigorAP and up to 10 VigorSwitch
- Compliant with VigorACS 2

	WLAN
Vigor3220n	•
Vigor3220	

Vigor300B

Multi-WAN Load Balancer



- 4 Gigabit Ethernet WAN for load balancing or failover
- 2 Gigabit LAN ports for facilitating business application
- 2 USB port for 3G/4G Backup (or Load Balancing), printer, or temperature sensor
- · Robust SPI firewall with content filtering by application, URL keyword, and web category
- Support PPPoE server with quota policy and MAC address filter
- Bandwidth Management with 4-level priority QoS for both inbound and outbound traffic
- Support IPv6 on WAN and LAN
- Central Management for Vigor Router, VigorAP, and VigorSwitch

Vigor3900

Multi-WAN Security Appliance

- 4 Gigabit Ethernet WAN ports + 1 SFP Fiber WAN
- 2 Gigabit Ethernet LAN ports + 1 SFP Fiber LAN
- 2 USB port for 3G/4G Backup (or Load Balancing), printer, or temperature sensor
- 500 simultaneous IPsec/L2TP/PPTP VPN & 100 simultaneous SSL VPN
- · Outbound & Inbound Load Balancing
- Support High Availability (hardware redundancy)
- Support PPPoE server with quota policy and MAC address filter
- Flexible Firewall, Content Filtering, and Bandwidth Management policies
- Central Management for Vigor Router, VigorAP, and VigorSwitch
- Compliant with VigorACS2





Vigor130

VDSL2/ADSL2/2+ Modem



- A router with VDSL2/ADSL2+ modem built-in
- 1 RJ-11 WAN port
- 1 10/100/1000 Base-TX RJ-45 LAN port
- Multi-PVC for triple-play applications
- Support VDSL2 Vectoring
- Integrated Firewall with URL keyword and web feature filtering
- Support IPv6 & IPv4



G.Fast Modem



- Built-in G.Fast modem
- 1 RJ-11 WAN port
- 1 10/100/1000 Base-TX RJ-45 LAN port
- Support VDSL2 Vectoring
- Support G.Fast/35b/VDSL2/ADSL2+
- Multi-PVC for triple-play applications
- Support IPv6 & IPv4

VigorNIC 132 Series

VDSL2/ADSL2+ PCI-E Card



- VDSL2/ADSL2+ modem/router on PCI-E card
- Equip with Ethernet/Fiber WAN 2 for failover
- Up to 5 PVC for triple-play applications
- Can be act as a bridge or a fully functioning router
- · Built-in Stateful Firewall with URL Keyword Filtering

Fiber

IPv6 Support

VigorNIC 132F

VigorNIC 132

• Supports Windows 7/8/8.1/10 & Linux



Vigor2762 Series

ADSL2/2+ & VDSL2 Router

- VDSL2/ADSL2+ Modem/Router
- 4 Gigabit Ethernet LAN Port, LAN port 4 can be configured as WAN
- 2 USB ports for 3G/4G modem or extra storage
- 2 Simultaneous VPN Tunnels & Maximum 2 SSL VPN Tunnels
- SPI Firewall with Content Filtering
- Bandwidth Management & Intelligent VoIP QoS to optimize call quality
- Act as wireless controller for up to 2 VigorAPs

	WL	AN.	_
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	VoIP	2.4 GHz	5 GHz	
Vigor2762Vac	•	•	•	
Vigor2762ac		•	•	
Vigor2762n		•		
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Vigor2762

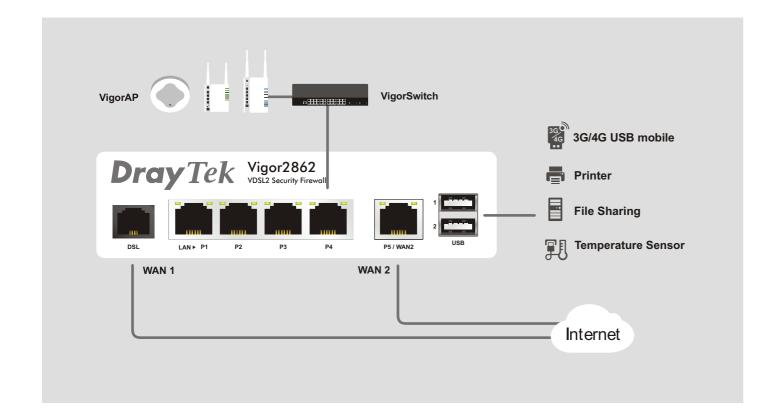
Vigor2862 Series

VDSL2 Security Firewall



- 1 VDSL2/ADSL2+ WAN Port
- 1 Gigabit Ethernet WAN Port
- 2 USB ports for 3G/4G modem or extra storage
- Up to 4 WAN for Load Balancing or Failover
- VDSL2 Bonding Support (B/Bn model)
- 802.11ac Wave 2 dual-band wireless for speed up to 1.7 Gbps (ac/Vac model)
- 32 Simultaneous VPN Tunnels for remote offices or teleworkers
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

	ightharpoons WLAN $ ightharpoons$			
	VDSL Bonding	2.4GHz	5GHz	VoIP
Vigor2862Vac		•	•	•
Vigor2862ac		•	•	
Vigor2862n		•		
Vigor2862Bn	•	•		
Vigor2862B	•			
Vigor2862				



Vigor2865 Series

Super Vectoring Firewall Security Router



- Super Vectoring (VDSL2 35b) support
- Dual-band 4x4 MU-MIMO 802.11ac Wave 2 for speed up to 1733Mbps + 800Mbps (ac model)
- 2 USB ports for 3G/4G modem or extra storage
- 32 Simultaneous VPN Tunnels for remote offices or teleworkers
- · SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

	┌─ WLAN ─┐		
	2.4GHz	5GHz	
Vigor2865ac	•	•	
Vigor2865			

Vigor2866 Series

G.Fast Firewall Security Router



- · G.fast support, up to 1Gbps connection speed
- Dual-band 4x4 MU-MIMO 802.11ac Wave 2 for speed up to 1733Mbps + 800Mbps (ac model)
- 2 USB ports for 3G/4G modem or extra storage
- 32 Simultaneous VPN Tunnels for remote offices or teleworkers
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

	─ WLAN ─		
	2.4GHz	5GHz	
Vigor2866ac	•	•	
Vigor2866			

VigorLTE 200

LTE Router



- Built-in 3G/4G/LTE Cellular Connectivity with speed up to 150 Mbps
- 2 x Ethernet port, default in 2 x Gb LAN
- Ethernet WAN port Configurable
- Robust Firewall & Security for Internet activities
- 2 VPN connections for remote access and LAN-to-LAN
- Bandwidth Management with intelligent VoIP QoS

Vigor2862L Series

LTE Router



- SIM-base, 3G/4G LTE Router, CAT 4 up to 150Mpbs connection speed
- VDSL2/ADSL2+ support
- 802.11ac Wave 2 dual-band wireless for speed up to 1.7Gbps (Lac model)
- 1 Ethernet WAN for Load Balancing or Failover
- 1 USB port for 3G/4G modem or extra storage
- 32 Simultaneous VPN Tunnels
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

WLAN	\neg

	2.4GHz	5GHz	
Vigor2862Lac	•	•	
Vigor2862Ln	•		
Vigor2862L			

Vigor2620L Series

LTE Router



- Built-in 3G/4G/LTE Cellular Connectivity with speed up to 150 Mbps
- VDSL2/ADSL2+ Modem Router
- Robust Firewall & Security for Internet activities
- 2 VPN connections for remote access and LAN-to-LAN
- Bandwidth Management with intelligent VoIP QoS

	WLAN
Vigor2620Ln	•
Vigor2620L	

Vigor2865L Series

LTE Router



- SIM-base, 3G/4G LTE Router, CAT 6 up to 300Mpbs connection speed
- Super Vectoring (35b) support
- Dual-band 4x4 MU-MIMO 802.11ac Wave 2 for speed up to 1733Mbps + 800Mbps (ac model)
- 1 USB port for 3G/4G modem or extra storage
- 32 Simultaneous VPN Tunnels for remote offices or teleworkers
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

	2.4GHz	5GHz	
Vigor2865Lac	•	•	
Vigor2865L			

Vigor2866L Series

LTE Router



- SIM-base, 3G/4G LTE Router, CAT 6 up to 300Mpbs connection speed
- G.Fast support
- Dual-band 4x4 MU-MIMO 802.11ac Wave 2 for speed up to 1733Mbps + 800Mbps (ac model)
- 1 USB port for 3G/4G modem or extra storage
- 32 Simultaneous VPN Tunnels for remote offices or teleworkers
- SPI Firewall with Content Filtering
- Central Management for VigorAP & VigorSwitch

	─ WLAN ─						
	2.4GHz	5GHz					
Vigor2866Lac	•	•					
Vigor2866L							

Vigor2133FVac



- Fiber Slot WAN port
- Fully supports VLAN for Triple-Play applications
- Built-in VoIP function with 2 RJ-11 FXS ports
- 2 concurrent VPN tunnels for remote access or LAN-to-LAN connections
- SPI Firewall with content filtering by application, URL keyword, and web category
- Bandwidth Management & Intelligent VoIP QoS to optimize call quality

Vigor2926L Series

LTE Router



- SIM-base, 3G/4G LTE Router, CAT 4 up to 150Mpbs connection speed
- 2 Ethernet WAN for Load Balancing or Failover
- Built-in 802.11ac Wave 2 dual-band Wi-fl, delivers speed up to 1.7Gbps (Lac model)
- 1 USB port for 3G/4G modem or extra storage
- 50 Simultaneous VPN Tunnels
- SPI Firewall with Content Filtering by URL Keyword, Category, and Apps
- Central Management for VigorAP & VigorSwitch
- Support DrayDDNS

	⊢ WLAN ¬							
	2.4GHz	5GHz						
Vigor2926Lac	•	•						
Vigor2926Ln	•							
Vigor2926L								

Vigor2912Fn



- 1 Fiber WAN + 1 Ethernet WAN for load balancing or redundancy
- 1 USB port for 3G/4G WAN, printer, or network storage
- 16 concurrent IPsec/PPTP/L2TP VPN tunnels, and 8 concurrent SSL VPN
- Bandwidth management & QoS for the best VoIP quality
- SPI Firewall with Content Filtering by Apps, URL keyword, and web category

The Vigor Fiber Router Series is only for project and please check with the local authorized resellers for availability.

 10

Network Management Wireless AP

Multi-site Secure Communication

VigorACS 2 Centralized Management System **Dray** Tek • Supports TR-069 standard to manage Vigor routers and APs CPE Provisioning Real-time Status Monitoring Advanced Firmware Management VPN Wizard for easy configuration of VPN tunnels • AP & Wireless Management Log Recording and Report · Designed with RWD to fit various size of screens ____ 0 ____



VigorAP 710

802.11n Access Point



- 802.11n compliant with 2x2 MIMO
- Delivers data rate of up to 300 Mbps
- 1 x 10/100 Base-T LAN port
- Up to 4 SSIDs with unique Subnet, VLAN, Access Control, Bandwidth Limit settings
- Built-in RADIUS server for 802.1x authentication
- AirTime Fairness support
- Improve roaming experience by Fast Roaming & AP-assisted Roaming
- Provide multiple operating modes AP, Bridge, WDS, and Universal Repeater
- · Support both stand-alone and controller-based setup

VigorAP 810

802.11n Access Point



- 802.11n compliant with 2x2 MIMO
- Delivers data rate of up to 300 Mbps
- 5-port Fast Ethernet Switch including 1 PoE-capable port
- 1 USB 2.0 for printer or USB thermometer
- 2 LAN Subnet, up to 4 SSIDs with unique Subnet, VLAN, Access Control, Bandwidth Limit settings
- Built-in RADIUS server for 802.1x authentication
- AirTime Fairness support
- Improve roaming experience by Fast Roaming & AP-assisted Roaming
- Provide multiple operating modes AP, Bridge, WDS, and Universal Repeater
- Support both stand-alone and controller-based setup

VigorAP 903

Gb speed 802.11ac Access Point



- · Concurrent 2.4/5GHz dual band
- 802.11ac, 2 x 2 MIMO support
- Data rate: 300Mbps in 2.4GHz and 867Mbps in 5GHz
- 5 Gb physical LAN (1 PoE)
- USB port for printer and thermometer application
- Multi subnet, SSID (4 per band)
- Airtime fairness and Band Steering support to enhance WLAN network performance
- Built-in RADIUS server for 802.1x authentication
- Advance roaming technology with Fast Roaming & AP-assisted Roaming
- APM support

VigorAP 920R Series

Ruggedized Outdoor AP



- IP 67-rated enclosure for outdoor usage, water-proof and dust-resistance
- 2.4/5GHz Dual band WiFi with 2x2 MIMO
- Up to 802.11ac Giga-speed WiFi
- Secure VLAN/SSID grouping, up to128 WLAN clients manageable per Radio
- IEEE 802.3az/Energy Efficient Ethernet PoE port
- Compatible with AP Management for centralized management
- High RF power for long-distance and expansive coverage
- Built-in 5GHz Direction Antenna selectable (920RPD)

	PoE Out	Directional Antenna
VigorAP 920RPD	•	•

VigorAP 920R

VigorAP 910C

802.11ac Ceiling-mount Access Point



- Concurrent Dual-band 802.11ac with 2x2 MIMO
- Delivers data rate of up to 867 Mbps in the 5GHz band and 300 Mbps in the 2.4GHz band
- 1 x PoE-capable Gigabit Ethernet port
- 8 SSIDs with unique VLAN setting, Access Control, and Bandwidth Limit policies
- Features AirTime Fairness and Band Steering for better Wi-Fi user experience
- Built-in RADIUS server for 802.1x authentication
- Improve roaming experience by Fast Roaming & AP-assisted Roaming
- · Support both stand-alone and controller-based setup



Switch Smart Lite Web Smart

VigorSwitch G1080

Smart Lite Gigabit Switch

- · Simple and Easy to use network switch
- 8 Gigabit capable ports
- Support HTTP Web Management
- QoS for application traffic prioritization
- Support 6 VLANS & 1 Trunking Group
- Power saving by 802.3az Energy Efficient Ethernet
- Support Loop Detection & Prevention



VigorSwitch P1092

PoE Smart Lite Gigabit Switch

- 8 Gigabit PoE+ capable ports
- 2 Gigabit SFP ports
- 110-watt PoE power budget
- QoS with 4 priority queues and rate limiting
- Support 8 VLANS & 2 Trunking Groups
- Support Loop Detection & Prevention



VigorSwitch G1280

Web Smart Gigabit Switch

- 24 Gigabit capable ports & 4 combo Gigabit SFP/RJ-45 ports
- 802.1Q tag-based VLAN
- · Auto Voice VLAN for easy VoIP deployment and best call quality
- QoS with 8 priority queues and rate limiting
- Dual-stack IPv4/IPv6 support
- · Compliant with Switch Management of Vigor Router



VigorSwitch P1280

PoE Web Smart Gigabit Switch

- 24 Gigabit PoE+ capable ports & 4 combo Gigabit SFP/RJ-45 ports
- 340-watt PoE power budget
- PoE Scheduling & Ping watchdog power cycle
- · Auto Voice VLAN for easy VoIP deployment and best call quality
- QoS with 8 priority queues and rate limiting
- Dual-stack IPv4/IPv6 support
- · Compliant with Switch Management of Vigor Router



VigorSwitch P2121

PoE L2 Managed Gigabit Switch

- 8 Gigabit PoE+ capable ports with PoE power budget up to 110 watts
- 4 Gigabit SFP/RJ-45 combo ports for uplink
- VLAN configuration based on 802.1q tag, MAC address, and protocol
- Auto Voice VLAN and Auto Surveillance VLAN to optimize call and video quality
- Secure Local Network by 802.1x Port Security, ACL, IP Source Guard and DHCP Snooping
- · Support IPv6 with MLD Snooping, IPv6 ACL, and IPv6 DNS Resolver
- Authentication by local database, multiple RADIUS, and TACACS+ servers
- IEEE 802.3az (Energy-Efficient Ethernet) Compliant
- Support SNMP v1/v2c/v3, RMON, and Syslog for network monitoring
- · Compliant with Switch Management of Vigor Router



VigorSwitch G2280

L2 Managed Gigabit Switch

- 24 Gigabit Ethernet ports + 4 Gigabit SFP/RJ-45 combo ports
- VLAN configuration based on 802.1q tag, MAC address, and protocol
- Auto Voice VLAN and Auto Surveillance VLAN to optimize call and video quality
- Secure Local Network by 802.1x Port Security, ACL, IP Source Guard and DHCP Snooping
- Support IPv6 with MLD Snooping, IPv6 ACL, and IPv6 DNS Resolver
- Authentication by local database, multiple RADIUS, and TACACS+ servers
- IEEE 802.3az (Energy-Efficient Ethernet) Compliant
- Support SNMP v1/v2c/v3, RMON, and Syslog for network monitoring
- Compliant with Switch Management of Vigor Router



VigorSwitch P2280

PoE L2 Managed Gigabit Switch

- 24 Gigabit PoE+ capable ports with PoE power budget up to 340 watts
- 4 Gigabit SFP/RJ-45 combo ports for uplink
- VLAN configuration based on 802.1q tag, MAC address, and protocol
- Auto Voice VLAN and Auto Surveillance VLAN to optimize call and video quality
- Secure Local Network by 802.1x Port Security, ACL, IP Source Guard and DHCP Snooping
- Support IPv6 with MLD Snooping, IPv6 ACL, and IPv6 DNS Resolver
- Authentication by local database, multiple RADIUS, and TACACS+ servers
- IEEE 802.3az (Energy-Efficient Ethernet) Compliant
- Support SNMP v1/v2c/v3, RMON, and Syslog for network monitoring
- · Compliant with Switch Management of Vigor Router



VigorSwitch XG2280

L2 Managed 10G Switch

- 24 Gigabit capable ports & 4 10G SFP+ ports
- VLAN configuration based on 802.1g tag, MAC address, and protocol
- Auto Voice VLAN and Auto Surveillance VLAN to optimize call and video quality
- Secure Local Network by 802.1x Port Security, ACL, IP Source Guard and DHCP Snooping
- Support IPv6 with MLD Snooping, IPv6 ACL, and IPv6 DNS Resolver
- Authentication by local database, multiple RADIUS, and TACACS+ servers
- IEEE 802.3az (Energy-Efficient Ethernet) Compliant
- Support SNMP v1/v2c/v3, RMON, and Syslog for network monitoring
- Compliant with Switch Management of Vigor Router



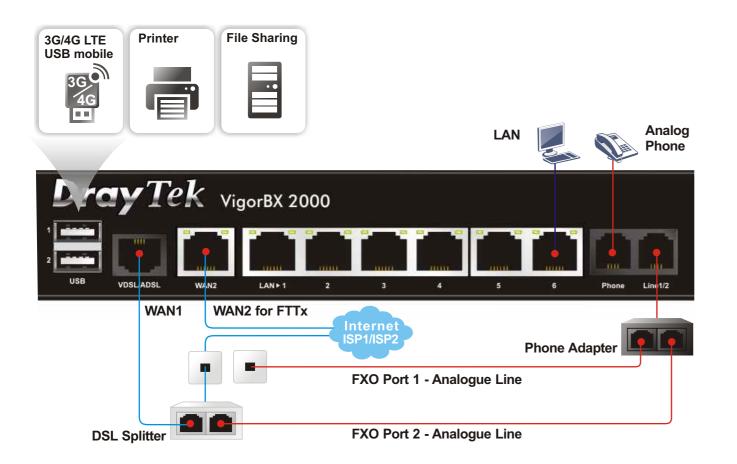
VigorBX2000 Series

IPPBX Firewall Router



- Integrated multimode ADSL2+/VDSL2 modem
- Gigabit Ethernet WAN for load-balancing/fail-over connectivity
- 6 x Gigabit Ethernet LAN for network virtualization
- Dual USB 2.0 for 4G LTE Dongles and file sharing
- 32 VPN Tunnels (including 16 SSL VPN tunnels)

	WLAN
VigorBX2000n	•
VigorBX2000	



DrayTek Rack-mount Plate

The metal rack-mount plate is designed for sustaining the device of Vigor2862/Vigor2926 series inside the 19-inch cabinet.



USB Thermometer Temperature Sensor for DrayTek routers

- Direct router connection
- Outer sensor included (1M)
- Data is displayed in °F or °C
- Informative Web Interface
- Alarm Max/Min Thresholds
- Continuous Reporting to syslog
- Email & SMS Reporting on threshold breach
- RoHS Compliant



Antenna Series



		ANT-1207	ANT-2520
Description		2.4GHz/5GHz Indoor Omni-Directional Antenna	2.4GHz/5GHz Indoor Directional Patch Antenna
Environment		Indoor	Indoor
Frequency Range		2400~2500 MHZ 5150~5850 MHz	2400~2500 MHz 5150~5875 MHz
Peak Gain @ 2.4 @ 5G		5 dBi 7 dBi	7.5 dBi 10 dBi
VSWR @ 2.4 @ 5G		< 2.0 < 3.0	≦2.0
Polarization		Linear	Vertical, Linear
HPBW/Horizontal	@ 2.4GHz @ 5GHz	360°	70° 60°
HPBW/Vertical	@ 2.4GHz @ 5GHz	80°	60° 30°
Power Handling		5W	2W
Impedance		50 Ω	50 Ω
Connector		PR SMA Plua	PR SMA Plug

Broadband Router

			Vigor213	33 series		Vigor29	12 series	Vigor292	26 series	Vigor292	26 series		Vigor298	52 series		Vigor2960	Vigor300B	Vigor32	20 series	Vigor3900
		2133	2133n	2133ac	2133Vac	2912	2912n	2926	2926n	2926ac	2926Vac	2952	2952P	2952n	2952Pn	2960	300B	3220	3220n	3900
	WAN Type		1 x (GbE			configurable on P1		1 x 0 1 x con WAN2	SbE + figurable on P5			1 x Combo	bbE + (GbE/SFP)		2 x GbE	4 x GbE	4 x	GbE	4 x GbE + 1 x SFP
WAN	Fail-over		•	•			•		,	•				•		•	•		•	•
	Load Balance						•		,	•			•	•		•	•		•	•
	Ethernet		4 x 0	GbE		4 x	FE	5 x GbE			4 x GbE				4 x GbE	2 x GbE	2 x GbE 1 x G		2 x GbE + 1 x SFP	
LAN	PoE-PSE												•							
LAN	Multiple Subnet	ple Subnet 4 2			2			8		8				20	4		8	50		
	Tag-based VLAN	ag-based VLAN •			•			•			•	•		•	•		•	•		
NAT Se	ssions		30,0	000		30,	000		50,	000			60,	000		80,000	100,000	100	,000	120,000
	Standard	11b/g/n 11a/b/g/n/ac		/g/n/ac		11b/g/n		11b/g/n	11a/b ac wa	o/g/n/ ave 2			11b	/g/n				11b/g/n		
	2.4GHz		•		•		•		•	•	•			•	•				•	
	5GHz				•					•										
WLAN	МІМО		2 x 2	2	x 2		2 x 2		2 x 2	4 >	(4	2 x 2					2 x 2			
	Security WEP/WPA/WPA2/ 802.1X Authentication		•		•		•		•	•	•			•					•	
	Antennas (Detachable)		2	:	2		2		2	4	1			2	2				2	
	AP Controller	•						•				•	•		•	•		•	•	
VPN	Total VPN Tunnels		2	2		16 50				100				200		1	00	500		
VPN	Max. SSL VPN Tunnels		2	2			8		2	.5		50			50		5	50	100	
	Static Route		•	•			•		•	•		•			•	•		•	•	
	Policy Route		•	•			•		•	•		•			•	•		•	•	
Routing	RIP		•	•			•		•	•			•	•		•	•		•	•
	BGP								•	•			•	•		•	•		•	•
	OSPF															•	•			•
	APP Enforcement		•	•			•		•	•			•	•		•	•		•	•
CSM	URL & Keywords Filter		•	•			•		•	•			•	•		•	•		•	•
	Web Content Filter		•	•			•		•	•			•	•		•	•		•	•
	DNS Filter		•	•			•		•	•				•		•	•		•	•
USB	USB Port		2 x US	SB 2.0		1 x U	SB 2.0		2 x U	SB 2.0		1 x USB 2.0 + 1 x USB 3.0				2 x USB 2.0	2 x USB 2.0	1 x U: + 1 x U	SB 2.0 JSB 3.0	2 x USB 2.0
	USB Temperrature Meter		•	•	•		•			•			•	•		•	•			
VoIP	FXS Port				2						2									
	FXO Port										1									

xDSL Router

		Vigor130	VigorNIC	132 series	Vigor160		Vigor27	62 series				Vigor28	62 series			Vigor286	35 series	Vigor28	66 series
		130	132	132F	160	2762	2762n	2762ac	2762Vac	2862	2862B	2862n	2862Bn	2862ac	2862Vac	2865	2865ac	2866	2866ac
	WAN Type	1 x A/VDSL	1 x GbE + A/VDSL	1 x SFP + A/VDSL	1 x A/VDSL /35b/G.Fast	1:	x A/VDSL + 7 WAN2	1 x configur 2 on P4	able			1 x con	VDSL + figurable 2 on P5			1 x A/VE + 1 x cor WAN2	nfigurable	+ 1 x co	/35b/G.Fast nfigurable 2 on P6
WAN	Fail-over			•				•					•				•		•
	Load Balance												•				•		•
	VDSL2 Bonding	SL2 Bonding								•		•							
	Ethernet	1 x GbE	1 x F	PCI-E	1 x GbE		4 x	GbE				5 x	GbE			6 x	GbE	6 x	GbE
LAN	Multiple Subnet							2			8						3		8
	Tag-based VLAN	•		•	•			•					•				•		•
NAT Se	ssions	10,000	10,	000	10,000		30,	,000				50	,000			50,	000	50,	000
	Standard						11b/g/n	11a/	/b/g/n/ac			111	o/g/n	11a/ ac w	b/g/n/ ave 2		11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2
	2.4GHz						•		•				•		•		•		•
	5GHz								•						•		•		•
WLAN	MIMO						2 x 2	2	2 x 2			2	x 2	4	x 4		4 x 4		4 x 4
	Security WEP/WPA/WPA2/ 802.1X Authentication						•	•					•		•		•		•
	Antennas (Detachable)						2		2				2		4		4		4
	AP Controller							•					•						•
) (D) (Total VPN Tunnels						:	2				;	32			3	2	2 32	
VPN	Max. SSL VPN Tunnels							2			16				1	6	16		
	Static Route	•		•	•			•		•						•		•	
	Policy Route							•			•					•	•		
Routing	RIP	•			•			•		•							•		•
	BGP												•						•
	OSPF																		
	APP Enforcement							•					•						•
0014	URL & Keywords Filter	•		•	•			•					•				•		•
CSM	Web Content Filter							•					•						•
	DNS Filter							•					•				•		•
1105	USB Port						2 x U	SB 2.0				2 x U	SB 2.0			2 x U	SB 2.0	2 x U	SB 2.0
USB	USB Temperrature Meter					•		•			•		•						
\/ !E	FXS Port								2						2				
VoIP	FXO Port														1				

LTE & Fiber Router

								Ľ	ΤΕ						Fib	per				
		VigorLTE 200	Vigor262	20L series	Vig	or2862L se	ries	Vigor286	5L series	Vigor286	6L series	Vig	or2926L se	eries						
		200	2620L	2620Ln	2862L	2862Ln	2862Lac	2865L	2865Lac	2866L	2866Lac	2926L	2926Ln	2926Lac	Vigor2133FVac	Vigor2912Fn				
	WAN Type	1 x configurable WAN on P1	1 x A/	/VDSL	1 x AVDSL + 1 x configurable WAN2 on P5			1 x A/VDSL/35b + 1 x configurable WAN2 on P6		+ 1 x coi	/35b/G.Fast nfigurable on P6	1:	1 x GbE + x configural WAN2 on P	ble	1 x SFP	1 x SFP + 1 x configurable WAN2 on P1				
WAN	Fail-over	•	•	•	•			•			•	•			•	•				
	Load Balance				•			•	•		•		•			•				
	LTE Type FDD FDD			FDD + TDD			DD	F	DD		FDD + TDI	D								
LTE	SIM Slot	1		1		1			1		1		1							
	Antenna	2	2		2				2	:	2		2							
	Ethernet	2 x GbE	2 x	GbE		5 x GbE		6 x	GbE	6 x	GbE		5 x GbE		4 x GbE	4 x FE				
LAN	Multiple Subnet	2	2 2			8		;	8		3		8		4	2				
	Tag-based VLAN	•		•		•			•		•		•		•	•				
NAT Ses	sions	30,000	30,	000		50,000		50,	000	50,000		50,000		50,000		50,000		50,000		30,000
	Standard	11b/g/n		11b/g/n		11b/g/n	11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2		11b/g/n	11a/b/g/n/ ac wave 2	11a/b/g/n/ac	11b/g/n				
	2.4GHz	•		•		•	•		•		•		•	•	•	•				
	5GHz						•		•		•			•	•					
WLAN	MIMO	2 x 2		2 x 2		2 x 2	4 x 4		4 x 4		4 x 4		2 x 2	4 x 4	2 x 2	2 x 2				
	Security WEP/WPA/WPA2/ 802.1X Authentication	•		•		•	•		•		•		•	•	•	•				
	Antennas (Detachable)	2 (Hidden)		2 (Hidden)		2	4		4		4		2	4	2	2				
	AP Controller	•		•	•		•		•		•		•							
	Total VPN Tunnels	2	:	2		32		3	32	3	2		50		2	16				
VPN	Max. SSL VPN Tunnels	2	:	2		16		16		16			25		2	8				
	Static Route	•		•		•			•		•		•		•	•				
	Policy Route	•	(•		•		•	•		•		•		•	•				
Routing	RIP	•		•		•			•		•		•		•	•				
	BGP					•		•	•		•		•							
	OSPF																			
	APP Enforcement	•		•		•			•		•		•		•	•				
	URL & Keywords Filter	•		•		•		(•		•	•			•	•				
CSM	Web Content Filter	•		•		•			•		•		•		•	•				
	DNS Filter	•		•		•			•	•		•			•	•				
	USB Port					1 x USB 2.0)	1 x U	SB 2.0	1 x U	SB 2.0	1 x USB 2.0			2 x USB 2.0	1 x USB 2.0				
USB	USB Temperrature Meter					•			•		•		•		•	•				

Access Point

		VigorAP 710	VigorAP 810	VigorAP 903	VigorAP 910C	VigorAP 9	20R series
		710	810	903	910C	920R	920RPD
Band	2.4GHz	•	•	•	•	•	•
Dana	5GHz			•	•	•	•
	Ethernet	1 x FE	5 x FE	5 x GbE	1 x GbE	1 x GbE	2 x GbE
LAN	PoE-PD		•	•	•	•	•
LAN	PoE-PSE						•
	Multiple Subnet		2	2			
	Wireless	11b/g/n	11b/g/n	11a/b/g/n/ac	11a/b/g/n/ac	11a/b/g/n/ ac wave 2	11a/b/g/n/ ac wave 2
	VLAN Tag	•	•	•	•	•	•
	MIMO	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2
	Antennas	2 Detachable	2 Detachable	2 Detachable	4 (Hidden)	2 Detachable	2 Detachable + 1 Internal
	Security WEP/WPA/WPA2/ 802.1X Authentication	•	•	•	•	•	•
WLAN	WPS	•	•	•	•	•	•
WLAIN	Multiple SSID per Band	4	4	4	4	4	4
	Maximum Client per Band	64	64	64	64	128	128
	WMM	•	•	•	•	•	•
	Roaming	•	•	•	•	•	•
	Band Steering	•	•	•	•	•	•
	AirTime Fairless	•	•	•	•	•	•
	AP	•	•	•	•	•	•
Mode	Universal Repeater	•	•	•	•	•	•
	WDS Bridge/ Repeater	•	•	•	•	•	•
Built-in F	RADIUS	•	•	•	•	•	•
1165	USB Port		1 x USB 2.0	1 x USB 2.0			
USB	USB Temperature Meter		•	•			
APM		•	•	•	•	•	•
Waterpro	oof IP67 Rating					•	•
Built-in T	emperature Sensor					•	•

Switch

		Smart Lite		Web Smart		L2 Managed			
		VigorSwitch G1080	VigorSwitch P1092	VigorSwitch G1280	VigorSwitch P1280	VigorSwitch P2121	VigorSwitch G2280	VigorSwitch P2280	VigorSwitch XG2280
Physical Port	Dedicated Ethernet Port	8 x GbE	8 x GbE	24 x GbE	24 x GbE	8 x GbE	24 x GbE	24 x GbE	24 x GbE
	Dedicated SFP Port		2						4 (SFP+)
	SFP Combo Port			4	4	4	4	4	
	Console Port					•	•	•	•
Switch Management		Lite		•	•	•	•	•	•
Spanning Tree	STP			•	•	•	•	•	•
	RSTP			•	•	•	•	•	•
	MSTP					•	•	•	•
Loop Prevention		•	•	•	•	•	•	•	•
VLAN	Tag Based	•	•	•	•	•	•	•	•
	Port Isolation			•	•	•	•	•	•
	Voice VLAN			•	•	•	•	•	•
	MAC-Based VLAN					•	•	•	•
	GVRP					•	•	•	•
QoS	Hardware Queue	4	4	8	8	8	8	8	8
	Class of Service (802.1p + IPv4 DSCP)	802	2.1p	•	•	•	•	•	•
	Rate Limiting	•	•	•	•	•	•	•	•
Link Aggregation	LACP	•	•	•	•	•	•	•	•
Multicast	IGMP Snooping	v1/v2		v2/v3 (BISS)		v2/v3 (BISS)			
	IGMP Querier			•	•	•	•	•	•
	MLD Snooping					v1/v2			
Security	Access Control List					•	•	•	•
	Storm Control	•	•	•	•	•	•	•	•
	IP Source Guard					•	•	•	•
AAA	RADIUS + TACACS					•	•	•	•
Management	SNMP			v1/v2c		v1/v2c/v3			
	RMON(1,2,3 &9)					•	•	•	•
	SNTP			•	•	•	•	•	•
	Logging (Local + Syslog)			•	•	•	•	•	•
	Port Mirror	•	•	•	•	•	•	•	•
	LLDP			•	•	•	•	•	•
Power Over Ethernet	Power Budget		110		340	110		340	
	Ports support PoE+ (802.3at)		8		24	8		24	
	Schedule				•	•		•	