

DrayTek

Your reliable networking solutions partner



Databook 2018

The leading supplier of state-of-the-art network solutions.

DrayTek, established in 1997 by a group of talented engineers is now the world-leading supplier of state-of-the-art networking solutions. We have migrated from the leading provider of remote access solutions to the customized networking solutions for diverse local markets around the world. At present, DrayTek's solutions ranging from enterprise-level firewalls, mission-critical VPN/VoIP facilities for SoHo, various xDSL/broadband CPE, to prospective telecommunication products and TR-069 central management solutions (e.g. VigorACS 2) can meet the market trend and go above and beyond customers' expectations.

Our success comes from the way how we build our brand. For us, DrayTek is not only a brand name but also as a commitment of quality and service.





🏆 DrayTek win PC Pro Excellence Awards 2017 - again !

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.



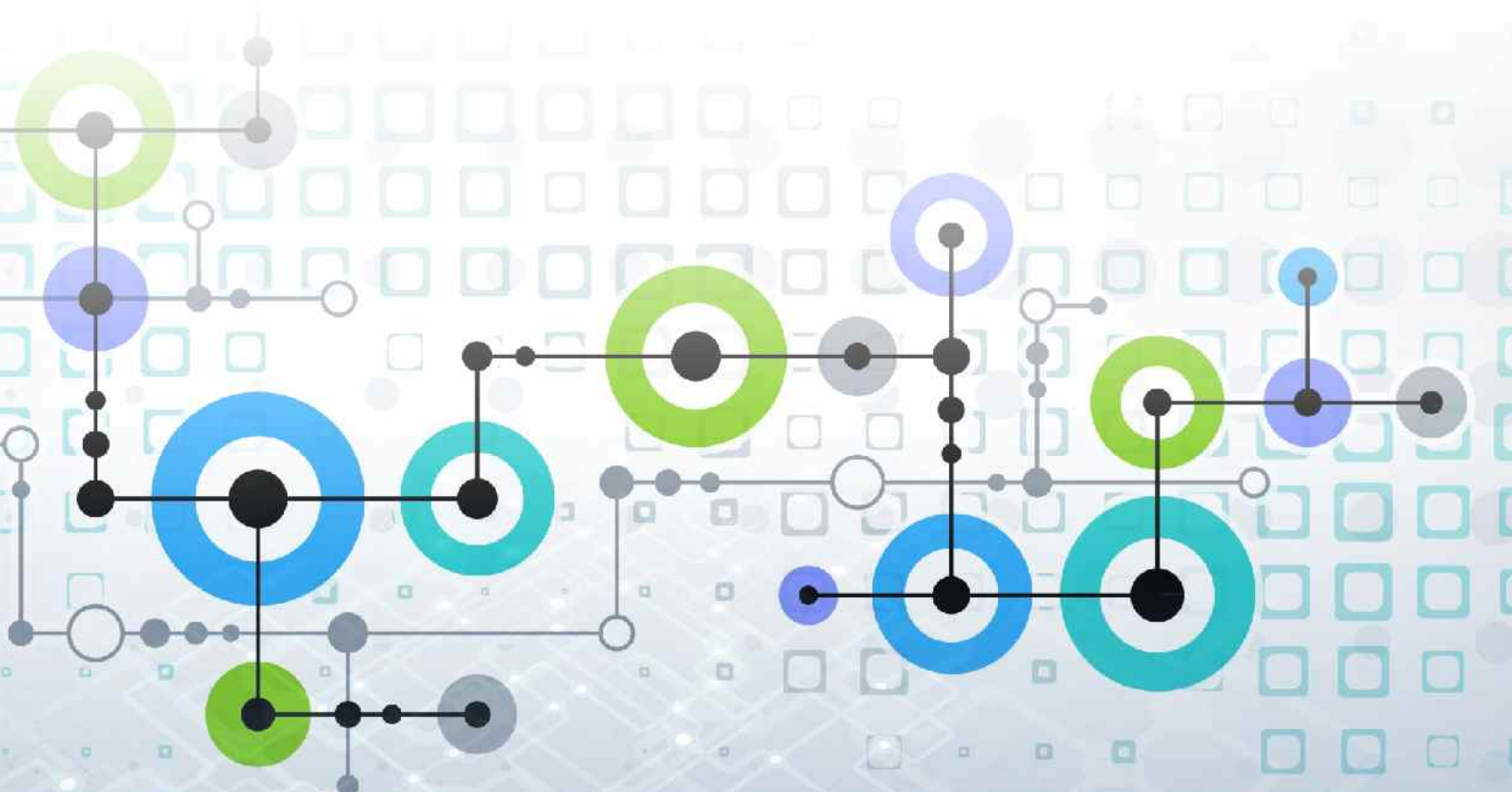
🏆 DrayTek Wins the 24th TAIWAN EXCELLENCE Award

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



Contents

About DrayTek	1-2
Hospitality Network Solutions	4-5
SOHO Network Solutions	6-7
Home Network Solutions	8-9
Router	
<hr/>	
Broadband	10-13
xDSL	14-17
LTE	18-20
Fiber	21
<hr/>	
Network Management	22
Wireless AP	23-25
Switch	26-29
IP Telephony	30
Accessories	31
Feature Matrix	32-39



Hospitality Network Solutions

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

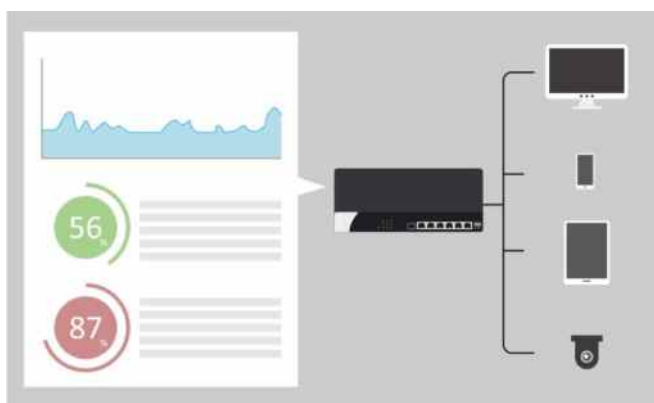


Wi-Fi has become the most important factor for the travelers. Except for cozy rooms, lavish amenities, and friendly staffs, providing a stable Wi-Fi will definitely make your guests feel more like home. DrayTek provides solutions that help you deploy a reliable and secure wireless network to welcome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

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 “auto-adjustment” to allow bandwidth usage over the limit when there is spare bandwidth available.



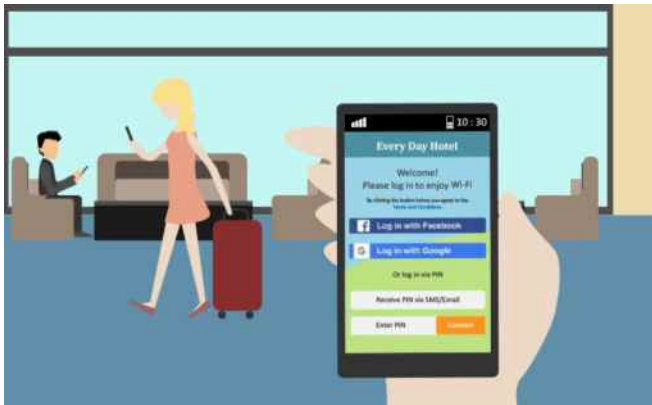
Roaming

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



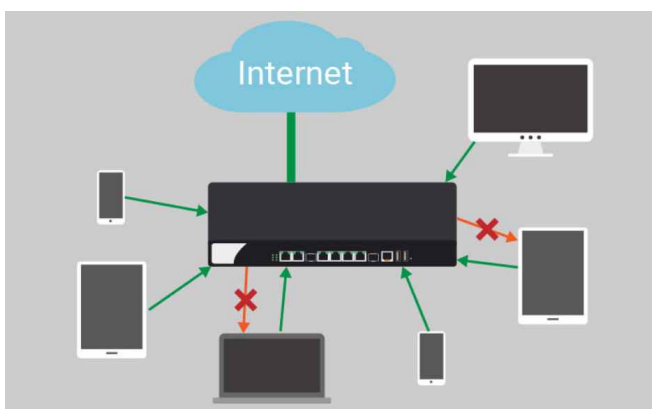
Web Portal

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.



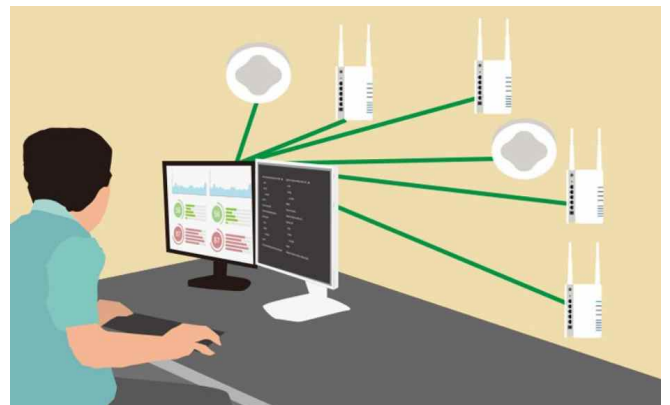
Wireless Client Isolation

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.



Supported devices

- Up to 100 concurrent devices: Vigor2952
- Up to 200 concurrent devices: Vigor3220, Vigor300B
- Up to 500 concurrent devices: Vigor3900

SOHO Network Solutions

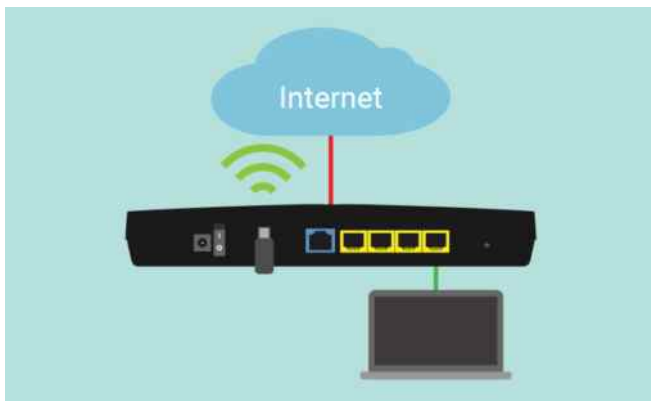
- Failover Internet connection
- Guaranteed bandwidth for business-related Internet activities
- Firewall protection
- A secure remote access



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.

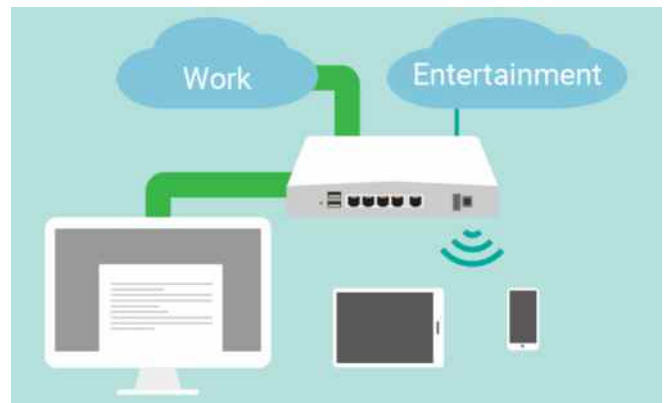
WAN Failover

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.



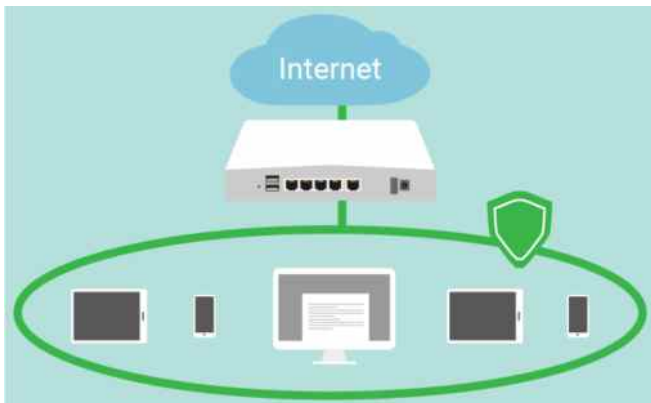
Quality of Service (QoS)

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.



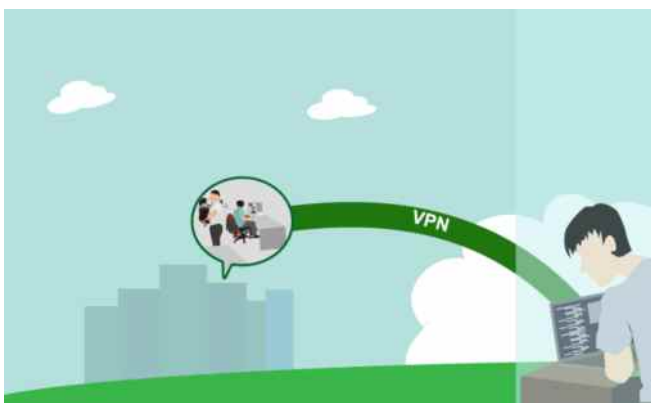
Firewall Features

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.



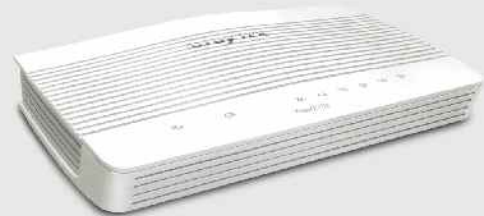
VPN Server

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.



Supported devices

Vigor2133



Vigor2912



Home Network Solutions

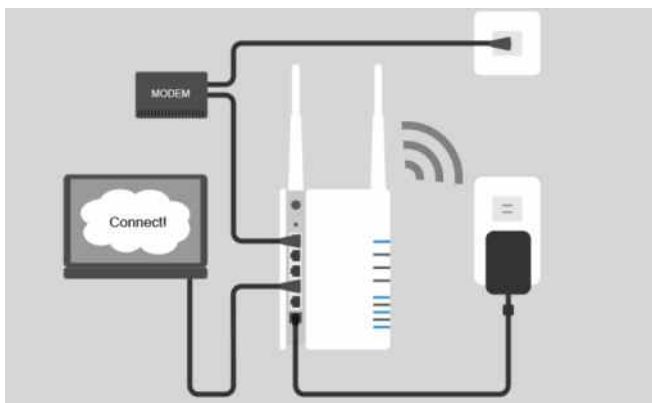
- Internet access and wireless network
- Connect to the network by various devices
- Filtering websites which are inappropriate for the kids
- A roaming wireless network



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!

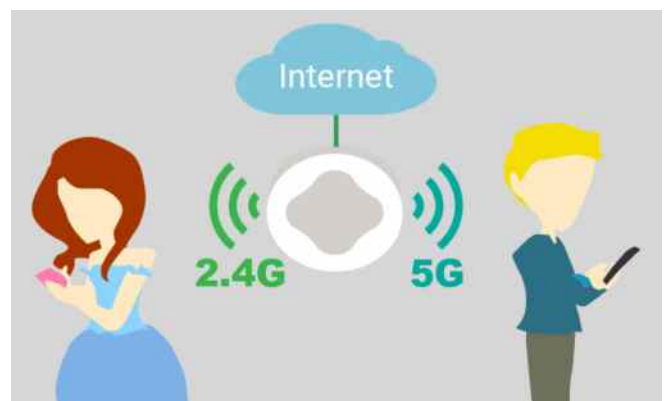
Easy and Quick Settings

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.



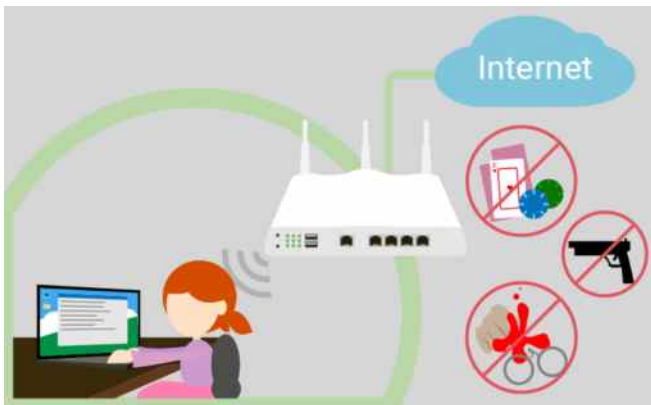
Dual-band Wi-Fi & Band Steering

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.



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.



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.



Supported devices

Vigor2133ac



VigorAP 903



VigorAP 910C



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

	VoIP	WLAN	
		2.4 GHz	5 GHz
Vigor2133Vac	●	●	●
Vigor2133ac		●	●
Vigor2133n		●	
Vigor2133			

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)

	WLAN
Vigor2912n	●
Vigor2912	

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 & Vigor Switch
- Support DrayDDNS

	VoIP	WLAN	
		2.4 GHz	5 GHz
Vigor2926Vac	●	●	●
Vigor2926ac		●	●
Vigor2926n		●	
Vigor2926			

Vigor2952 Series

Dual-WAN Security Firewall



- Dual Gigabit Ethernet WAN
- 2 USB ports for 3G/4G cellular 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 Vigor Switch

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 Vigor Switch

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	

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 Vigor Switch
- 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

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
- IPv6 Support
- Supports Windows 7/8/8.1/10 & Linux

	Fiber
VigorNIC 132F	●
VigorNIC 132	

Vigor160

Giga 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

Vigor2762 Series

ADSL2/2+ & VDSL2 Router



- 4 Gigabit Ethernet LAN ports, LAN port 4 can be configured as WAN
- IPv6 & IPv4 Support
- Comprehensive Firewall/Security and Robust VPN
- Bandwidth Management with 4-level priority Outbound QoS
- Multi-Task USB port: for printer, 3.5G/4G backup, NAS facility

	VoIP	WLAN	
		2.4 GHz	5 GHz
Vigor2762Vac	●	●	●
Vigor2762ac		●	●
Vigor2762n		●	
Vigor2762			

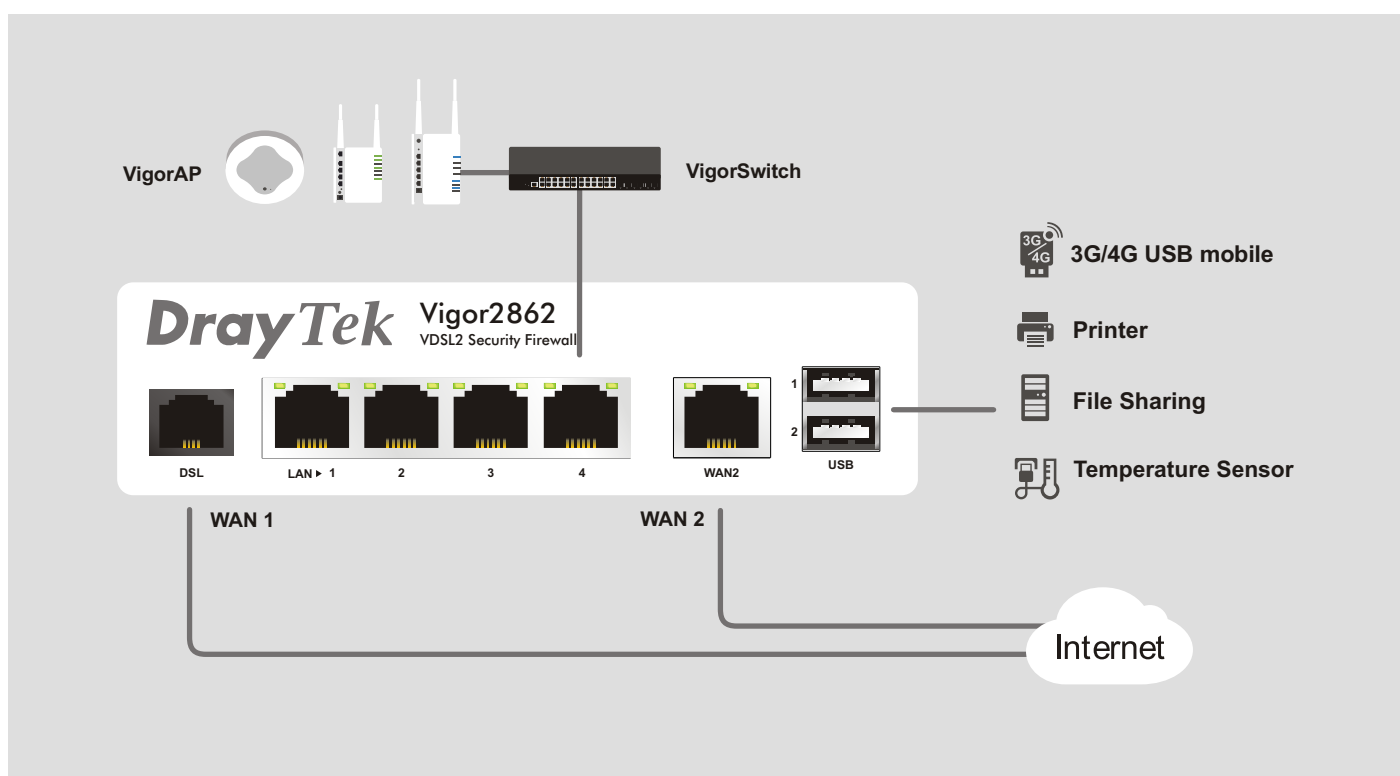
Vigor2862 Series

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 & Vigor Switch

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



Vigor2865 Series

Supervectoring Security Firewall



- High-speed VDSL Supervectoring Router
- 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 & Vigor Switch

	WLAN	
	2.4GHz	5GHz
Vigor2865ac	●	●
Vigor2865		

Vigor2866 Series

G.Fast Security Firewall



- G.Fast Gigabit Router
- 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 & Vigor Switch

	WLAN	
	2.4GHz	5GHz
Vigor2866ac	●	●
Vigor2866		

VigorLTE 200

LTE Router



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

Vigor2620L Series

LTE Router



- VDSL2/ADSL2+ Modem Router
- Built-in 3G/4G/LTE Cellular Connectivity with speed up to 150 Mbps
- 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	

Vigor2862L Series

LTE Router



- VDSL2/ADSL2+ Modem Router
- Built-in 3G/4G/LTE Cellular Connectivity with speed up to 150 Mbps
- 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 & Vigor Switch

	WLAN	
	2.4GHz	5GHz
Vigor2862Lac	●	●
Vigor2862Ln	●	
Vigor2862L		

Vigor2865L Series

LTE Router



- High-speed VDSL Supervectoring Router
- Category 6 LTE modem (FDD) with up to 300 Mbit/s on the Internet
- 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 & Vigor Switch

	WLAN	
	2.4GHz	5GHz
Vigor2865Lac	●	●
Vigor2865L		

Vigor2866L Series

LTE Router



- G.Fast Gigabit Router
- Category 6 LTE modem (FDD) with up to 300 Mbit/s on the Internet
- 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 & Vigor Switch

	WLAN	
	2.4GHz	5GHz
Vigor2866Lac	●	●
Vigor2866L		

Vigor2926L Series

LTE Router



- 2 Ethernet WAN for Load Balancing or Failover
- Built-in 3G/4G/LTE Cellular Connectivity with speed up to 150 Mbps
- Built-in 802.11ac Wave 2 dual-band Wi-fi, 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 & Vigor Switch
- Support DrayDDNS

	WLAN	
	2.4GHz	5GHz
Vigor2926Lac	●	●
Vigor2926Ln	●	
Vigor2926L		

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

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

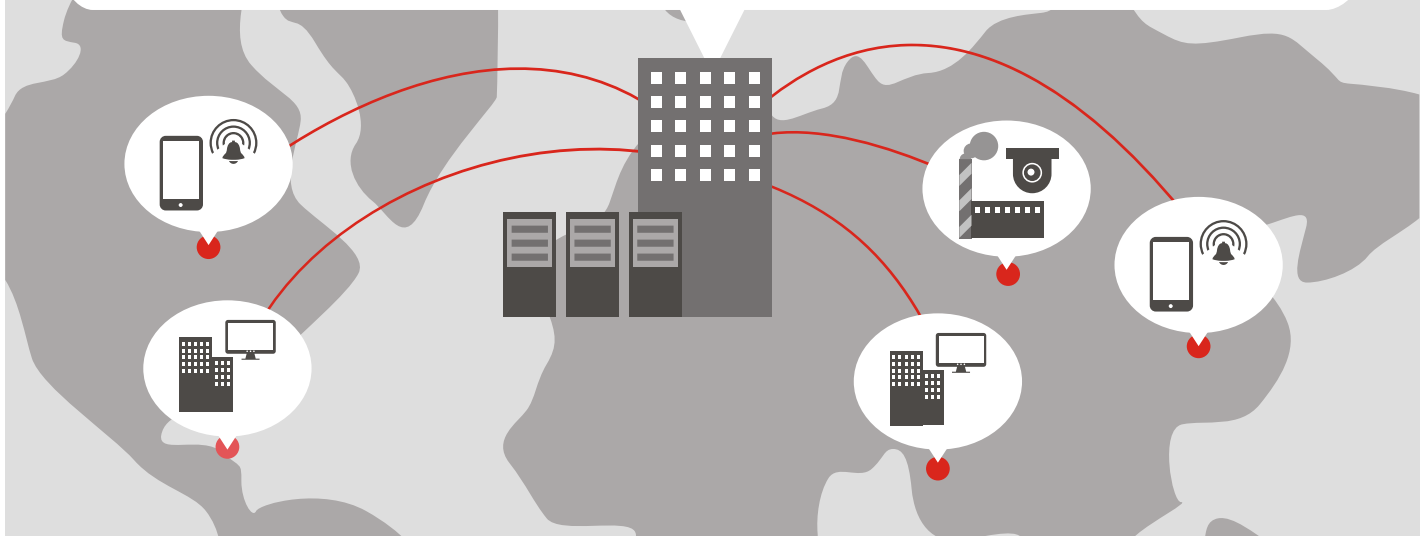
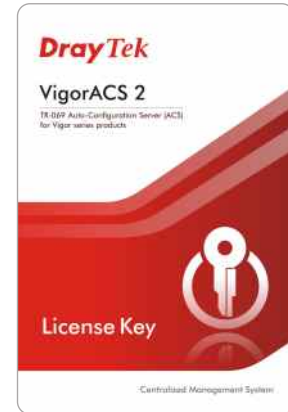
The Vigor Fiber Router Series is only for project and please check with the local authorized resellers for availability.

Multi-site Secure Communication

VigorACS 2

Centralized Management System

- 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



Cross-browser Support



Google maps



Alarm system



VPN
drag and drop



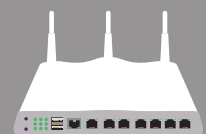
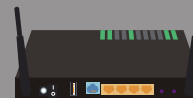
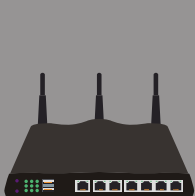
Data reports



Login devices



Config Backup



Rich Solution

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

802.11ac 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
- 5 Gigabit Ethernet LAN ports including 1 PoE-capable port
- 1 USB port for printer or USB thermometer
- 2 LAN Subnet, up to 8 SSIDs with unique Subnet, VLAN, Access Control, Bandwidth Limit settings
- 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
- Provide multiple operating modes - AP, Bridge, WDS, and Universal Repeater
- Support both stand-alone and controller-based setup

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

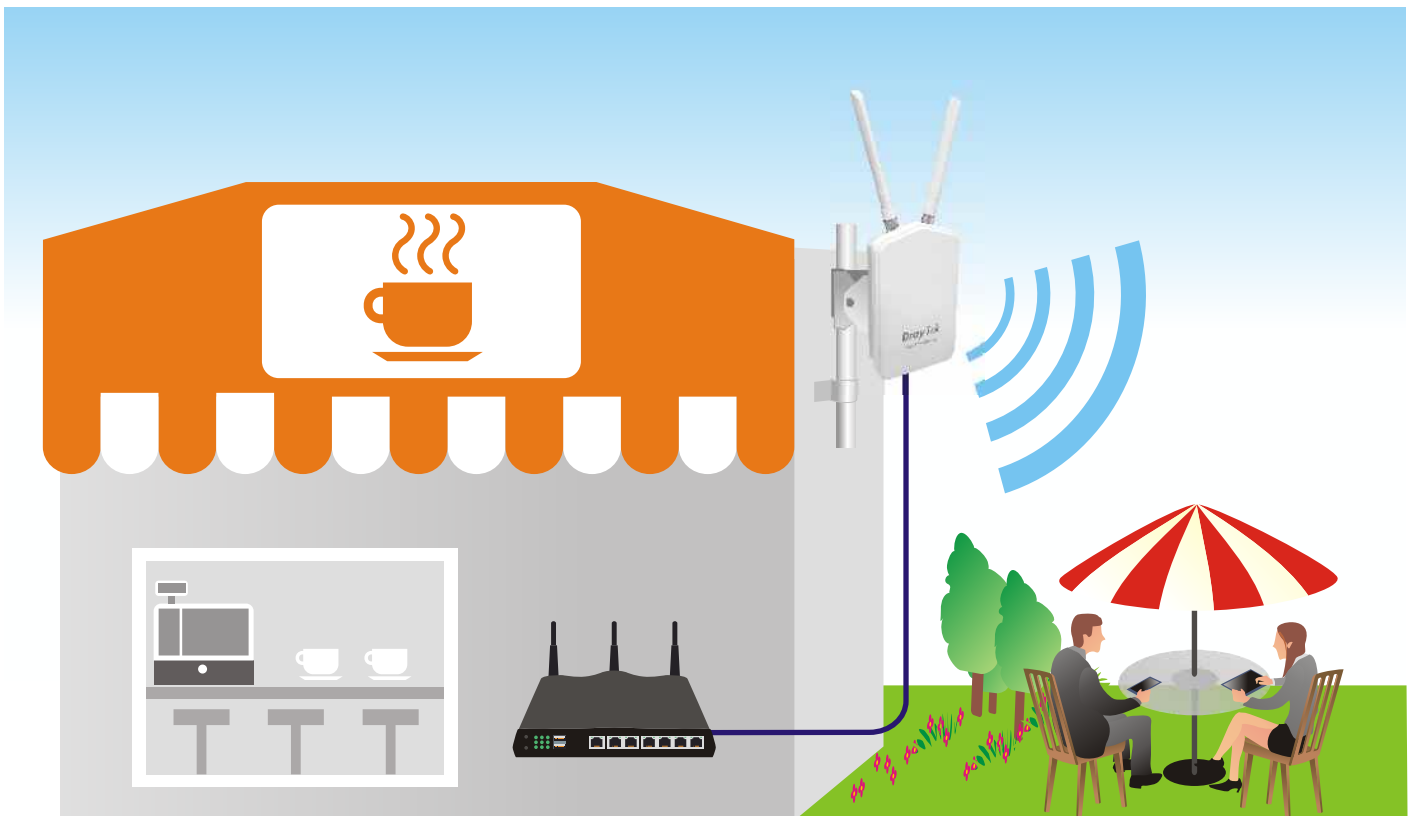
VigorAP 920R Series

Ruggedized Outdoor AP



- IP67 Rated Water-Resistance
- Dual-band 2x2 MU-MIMO 802.11ac Wave 2
- PoE-capable Gigabit Ethernet LAN port
- Supports up to 128 clients per radio, up to 256 clients per AP
- High-Performance wireless AP/Bridge/Repeater
- Compliant with Vigor central AP management & VigorACS 2

	PoE Out	Directional Antenna
VigorAP 920RPD	•	•
VigorAP 920R		



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 up to 8 VLANs simultaneously
- Power saving by 802.3az Energy Efficient Ethernet



VigorSwitch P1092

PoE Smart Lite Gigabit Switch

- 8 Gigabit PoE+ capable ports
- 2 Gigabit SFP ports
- 110-watt PoE power budget
- Port-based & 802.1Q tag-based VLAN
- QoS with 4 priority queues and rate limiting



VigorSwitch G1280

Web Smart Gigabit Switch

- 24 Gigabit capable ports & 4 combo Gigabit SFP/RJ-45 ports
- Port-based & 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
- Port-based & 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 P2121

PoE L2 Managed Gigabit Switch

- 8 Gigabit PoE+ capable ports & 4 combo Gigabit SFP/RJ-45 ports
- 110-watt PoE power budget
- PoE Scheduling
- Port-based & 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 G2280

L2 Managed Gigabit Switch

- 24 Gigabit capable ports & 4 combo Gigabit SFP/RJ-45 ports
- Port-based & 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 P2280

PoE L2 Managed Gigabit Switch

- 24 Gigabit PoE+ capable ports & 4 combo Gigabit SFP/RJ-45 ports
- 340-watt PoE power budget
- PoE Scheduling
- Port-based & 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 XG22800

L2 Managed 10G Switch

- 24 Gigabit capable ports & 4 10G SFP+ ports
- Port-based & 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



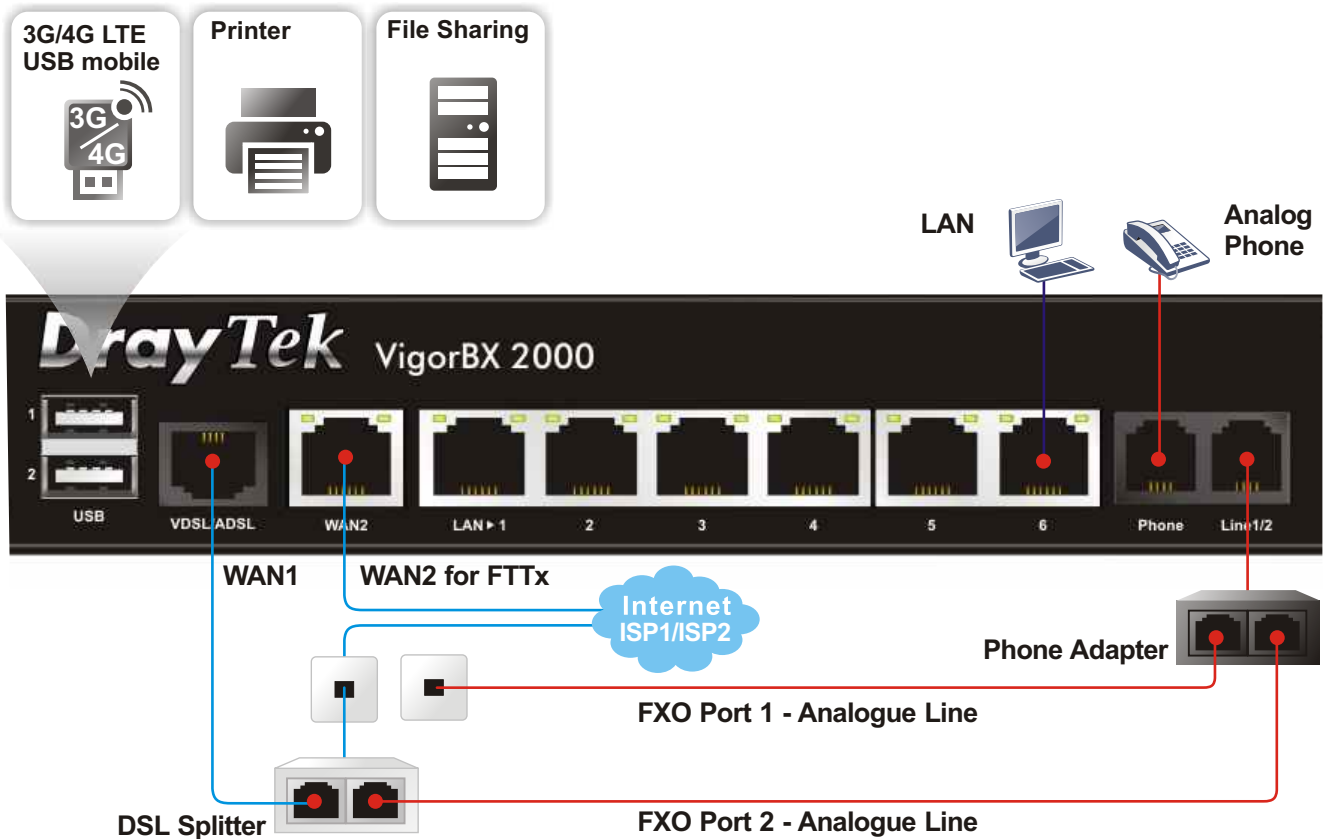
VigorBX2000 Series

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 @ 2.4GHz	5 dBi	7.5 dBi
@ 5GHz	7 dBi	10 dBi
VSWR @ 2.4GHz	< 2.0	≤ 2.0
@ 5GHz	< 3.0	
Polarization	Linear	Vertical, Linear
HPBW/Horizontal @ 2.4GHz	360°	70°
@ 5GHz		60°
HPBW/Vertical @ 2.4GHz	80°	60°
@ 5GHz		30°
Power Handling	5W	2W
Impedance	50 Ω	50 Ω
Connector	PR SMA Plug	PR SMA Plug

Broadband Router

		Vigor2133 series				Vigor2912 series	
		2133	2133n	2133ac	2133Vac	2912	2912n
WAN	WAN Type	1 x GbE				1 x FE + 1 x configurable WAN2 on P1	
	Fail-over					•	
	Load Balance					•	
LAN	Ethernet	4 x GbE				4 x FE	
	Multiple Subnet	4				2	
	Tag-based VLAN	•				•	
NAT Sessions		30,000				30,000	
WLAN	Standard		11b/g/n	11a/b/g/n/ac	11a/b/g/n/ac		11b/g/n
	2.4GHz		•	•	•		•
	5GHz			•	•		
	MIMO		2 x 2	2 x 2	2 x 2		2 x 2
	Security WEP/WPA/WPA2/ 802.1X Authentication		•	•	•		•
	Antennas (Detachable)		2	2	2		2
VPN	Total VPN Tunnels	2				16	
	Max. SSL VPN Tunnels	2				8	
	VPN Backup					•	
	VPN Trunking						
Routing	Static Route	•				•	
	Policy Route	•				•	
	RIP	•				•	
CSM	APP Enforcement	•				•	
	URL & Keywords Filter	•				•	
	Web Content Filter	•				•	
	DNS Filter	•				•	
USB	USB Port	2 x USB 2.0				1 x USB 2.0	
	USB Temperature Meter	•				•	
VoIP	Phone Ports (FXS)				2		
	PSTN Ports (FXO)						

Vigor2926 series				Vigor2952 series		Vigor2960	Vigor300B	Vigor3220 series		Vigor3900
2926	2926n	2926ac	2926Vac	2952/P	2952n/Pn	2960	300B	3220	3220n	3900
2 x GbE				1 x GbE + 1 x Combo(GbE/SFP)		2 x GbE	4 x GbE	4 x GbE		4 x GbE + 1 x SFP
•				•		•	•	•		•
•				•		•	•	•		•
5 x GbE (P5 is shared by WAN2)				4 x GbE		4 x GbE	2 x GbE	1 x GbE		2 x GbE + 1 x SFP
8				8		20	4	8		50
•				•		•	•	•		•
50,000				60,000		80,000	100,000	100,000		120,000
11b/g/n		11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2		11b/g/n		11b/g/n		
•		•		•		•		•		
		•		•						
2 x 2		4 x 4		4 x 4		2 x 2		2 x 2		
•		•		•		•		•		
2		4		4		2		2		
50				100		200		100		500
25				50		50		50		100
•				•		•		•		•
•				•		•		•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
•				•		•	•	•		•
2 x USB 2.0				1 x USB 2.0 + 1 x USB 3.0		2 x USB 2.0	2 x USB 2.0	1 x USB 2.0 + 1 x USB 3.0		2 x USB 2.0
•				•		•	•	•		•
				2						
				1						

PoE+ capable with power budget up to 60 watts (P/Pn model)

xDSL Router

		Vigor130	VigorNIC 132 series		Vigor160	Vigor2762 series			
		130	132	132F	160	2762	2762n	2762ac	2762Vac
WAN	WAN Type	1 x A/VDSL	1 x GbE + A/VDSL	1 x SFP + A/VDSL	1 x A/VDSL	1 x A/VDSL + 1 x configurable WAN2 on P4			
	Fail-over		•			•			
	Load Balance								
LAN	Ethernet	1 x GbE	1 x PCI-E		1 x GbE	4 x GbE			
	Multiple Subnet					2			
	Tag-based VLAN	•	•		•	•			
NAT Sessions		10,000	10,000		10,000	30,000			
WLAN	Standard						11b/g/n	11a/b/g/n/ac	11a/b/g/n/ac
	2.4GHz						•	•	•
	5GHz							•	•
	MIMO						2 x 2	2 x 2	2 x 2
	Security WEP/WPA/WPA2/ 802.1X Authentication						•	•	•
	Antennas (Detachable)						2	2	2
VPN	Total VPN Tunnels					2			
	Max. SSL VPN Tunnels					2			
	VPN Backup								
	VPN Trunking								
Routing	Static Route	•	•		•	•			
	Policy Route					•			
	RIP	•			•	•			
CSM	APP Enforcement					•			
	URL & Keywords Filter	•	•		•	•			
	Web Content Filter					•			
	DNS Filter					•			
USB	USB Port					2 x USB 2.0			
	USB Temperature Meter					•			
VoIP	Phone Ports (FXS)								2
	PSTN Ports (FXO)								

Vigor2862 series				Vigor2865 series		Vigor2866 series	
2862/B	2862n/Bn	2862ac	2862Vac	2865	2865ac	2866	2866ac
1 x A/VDSL + 1 x GbE				1 x A/VDSL + 1 x GbE		1 x A/VDSL + 1 x GbE	
•				•		•	
•				•		•	
5 x GbE (P5 is shared by WAN2)				6 x GbE (P6 is shared by WAN2)		6 x GbE (P6 is shared by WAN2)	
8				8		8	
•				•		•	
50,000				50,000		50,000	
	11b/g/n	11a/b/g/n/ ac wave 2	11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2
	•	•	•		•		•
		•	•		•		•
	2 x 2	4 x 4	4 x 4		4 x 4		4 x 4
	•	•	•		•		•
	2	4	4		4		4
32				32		32	
16				16		16	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
•				•		•	
2 x USB 2.0				2 x USB 2.0		2 x USB 2.0	
•				•		•	
			2				
			1				
VDSL2 Bonding Support (B/Bn model)							

LTE & Fiber Router

		LTE							
		VigorLTE 200	Vigor2620L series		Vigor2862L series			Vigor2865L series	
		200	2620L	2620Ln	2862L	2862Ln	2862Lac	2865L	2865Lac
WAN	WAN Type	1 x GbE	1 x A/VDSL		1 x A/VDSL + 1 x GbE			1 x A/VDSL + 1 x GbE	
	Fail-over				•			•	
	Load Balance				•			•	
LTE	LTE Type	FDD	FDD		FDD + TDD			FDD + TDD	
	SIM Slot	1	1		1			1	
	Antenna	2	2		2			2	
LAN	Ethernet	2 x GbE	2 x GbE		5 x GbE (P5 is shared by WAN2)			6 x GbE (P6 is shared by WAN2)	
	Multiple Subnet	2	2		8			8	
	Tag-based VLAN	•	•		•			•	
NAT Sessions		30,000	30,000		50,000			50,000	
WLAN	Standard	11b/g/n		11b/g/n		11b/g/n	11a/b/g/n/ ac wave 2		11a/b/g/n/ ac wave 2
	2.4GHz	•		•		•	•		•
	5GHz						•		•
	MIMO	2 x 2		2 x 2		2 x 2	4 x 4		4 x 4
	Security WEP/WPA/WPA2/ 802.1X Authentication	•		•		•	•		•
	Antennas (Detachable)	2 (Hidden)		2 (Hidden)		2	4		4
VPN	Total VPN Tunnels	2	2		32			32	
	Max. SSL VPN Tunnels	2	2		16			16	
	VPN Backup				•			•	
	VPN Trunking				•			•	
Routing	Static Route	•	•		•			•	
	Policy Route	•	•		•			•	
	RIP	•	•		•			•	
CSM	APP Enforcement	•	•		•			•	
	URL & Keywords Filter	•	•		•			•	
	Web Content Filter	•	•		•			•	
	DNS Filter	•	•		•			•	
USB	USB Port				1 x USB 2.0			1 x USB 2.0	
	USB Temperature Meter				•			•	

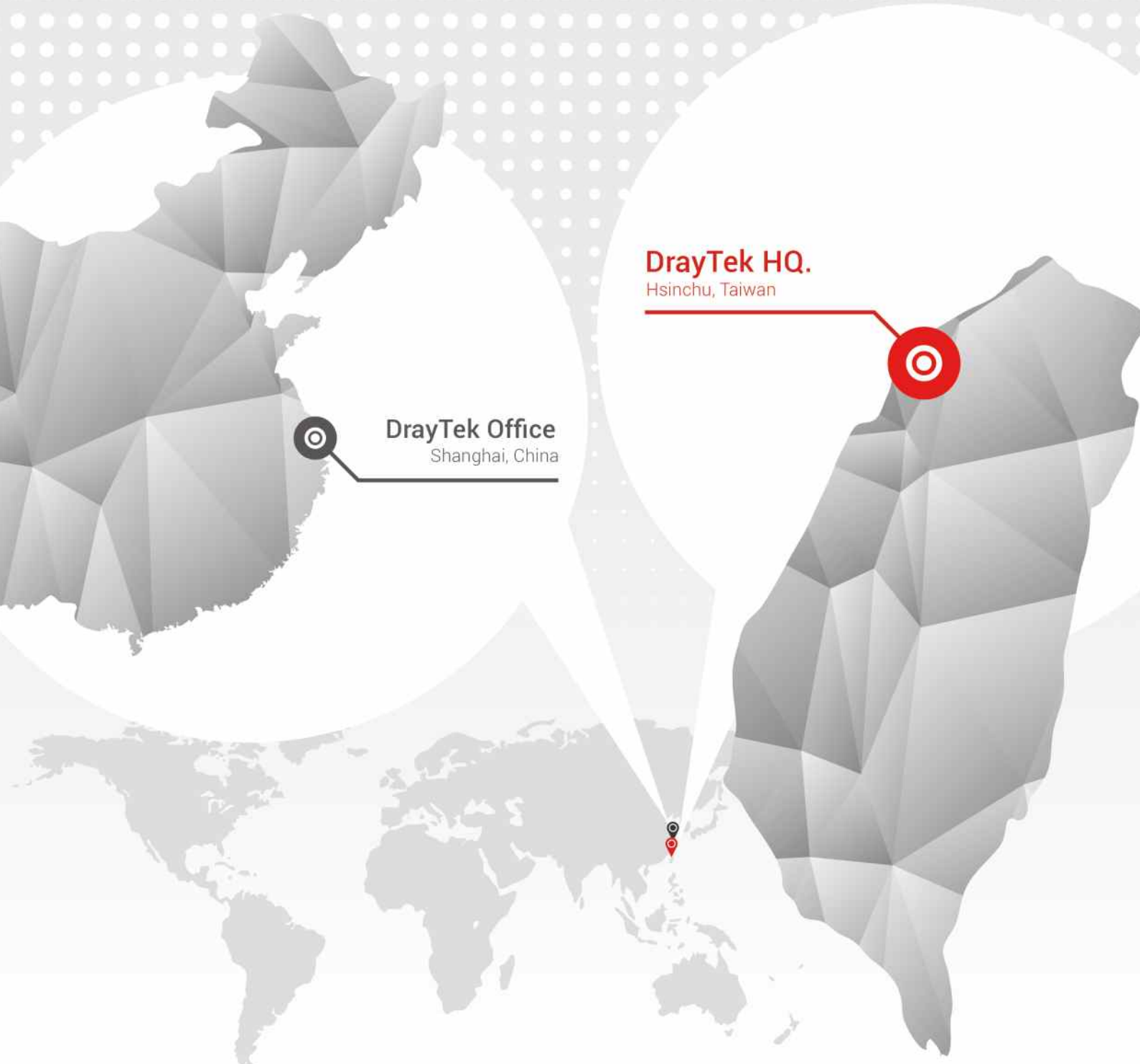
Vigor2866L series					Fiber	
Vigor2866L series		Vigor2926L series			Vigor2133FVac	Vigor2912Fn
2866L	2866Lac	2926L	2926Ln	2926Lac	Vigor2133FVac	Vigor2912Fn
1 x A/VDSL + 1 x GbE		2 x GbE			1 x SFP	1 x SFP + 1 x configurable WAN2 on P1
•		•				•
•		•				•
FDD + TDD		FDD				
1		1				
2		2				
6 x GbE (P6 is shared by WAN2)		5 x GbE (P5 is shared by WAN2)			4 x GbE	4 x FE
8		8			4	2
•		•			•	•
50,000		50,000			30,000	30,000
	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
	•		•	•	•	•
	•			•	•	
	4 x 4		2 x 2	4 x 4	2 x 2	2 x 2
	•		•	•	•	•
	4		2	4	2	2
32		50			2	16
16		25			2	8
•		•				•
•		•				•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
•		•			•	•
1 x USB 2.0		1 x USB 2.0			2 x USB 2.0	1 x USB 2.0
•		•			•	•

Access Point

		VigorAP 710	VigorAP 810	VigorAP 903	VigorAP 910C	VigorAP 920R series	
		710	810	903	910C	920R	920RPD
Band	2.4GHz	•	•	•	•	•	•
	5GHz			•	•	•	•
LAN	Ethernet	1 x FE	5 x FE	5 x GbE	1 x GbE	1 x GbE	2 x GbE
	PoE-PD		•	•	•	•	•
	PoE-PSE						•
	Multiple Subnet		2	2			
WLAN	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 + Directional
	Security <small>WEP/WPA/WPA2/ 802.1X Authentication</small>	•	•	•	•	•	•
	WPS	•	•	•	•	•	•
	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	•	•	•	•	•	•
Mode	AP	•	•	•	•	•	•
	Universal Repeater	•	•	•	•	•	•
	WDS Bridge/ Repeater	•	•	•	•	•	•
Built-in RADIUS		•	•	•	•	•	•
USB	USB Port		1 x USB 2.0	1 x USB 2.0			
	USB Temperature Meter		•	•			
APM		•	•	•	•	•	•
Waterproof IP67 Rating						•	•
Built-in Temperature Sensor						•	•

Switch

		Smart Lite		Web Smart		L2 Managed			
		VigorSwitch G1080	VigorSwitch P1092	VigorSwitch G1280	VigorSwitch P1280	VigorSwitch P2121	VigorSwitch G2280	VigorSwitch P2280	VigorSwitch XG22800
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 Combo Port			4	4	4	4	4	
	Console Port					•	•	•	•
Switch Management		Lite	Lite	•	•	•	•	•	•
Spanning Tree	STP	Loop Prevention only		•	•	•	•	•	•
	RSTP			•	•	•	•	•	•
	MSTP					•	•	•	•
VLAN	Tag&Port Based	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)	802.1p	802.1p	•	•	•	•	•	•
	Rate Limiting	•	•	•	•	•	•	•	•
Link Aggregation	LACP	•	•	•	•	•	•	•	•
Multicast	IGMP Snooping	v1/v2	v1/v2	v2/v3 (BISS)		v2/v3 (BISS)			
	IGMP Querier			•	•	•	•	•	•
	MLD Snooping					v1/v2	v1/v2	v1/v2	v1/v2
Security	Access Control List					•	•	•	•
	Storm Control	•	•	•	•	•	•	•	•
	IP Source Guard					•	•	•	•
AAA	RADIUS + TACACS					•	•	•	•
Management	SNMP			v1/v2c	v1/v2c	v1/v2c/v3	v1/v2c/v3	v1/v2c/v3	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				•	•		•	



 **DrayTek Office**
Shanghai, China

DrayTek HQ.
Hsinchu, Taiwan 



Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu, 303,Taiwan

Tel.: + 886 3 5972727

Fax: + 886 3 5972121

Sales: sales@draytek.com

Press: press@draytek.com

Support: support@draytek.com

DrayTek

www.draytek.com

Tel: +886-3-5972727 Fax: +886-3-5972121 E-mail: info@draytek.com

Trademarks and brand names are the properties of their respective owners.
The scope of delivery and other details are subject to change without prior notice.
Copyrights © DrayTek Corp. All right reserved.

