

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 SI) 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.



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Hospitality Network Solutions

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

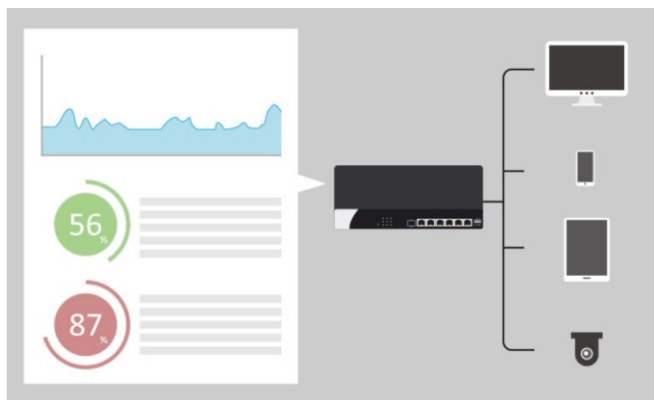


Wi-Fi has become the most important factor for the travelers. Except for cozy rooms, lavish amenities, and friendly staffs, providing a stable Wi-Fi will definitely make your guests feel more like home. DrayTek provides solutions that help you deploy a reliable and secure wireless network to welcome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



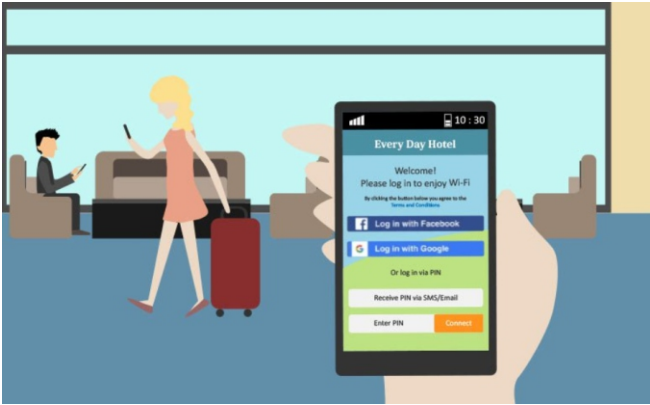
Roaming

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.



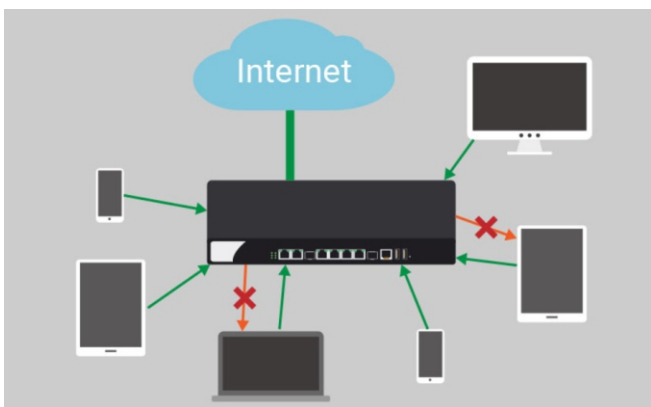
Web Portal

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.



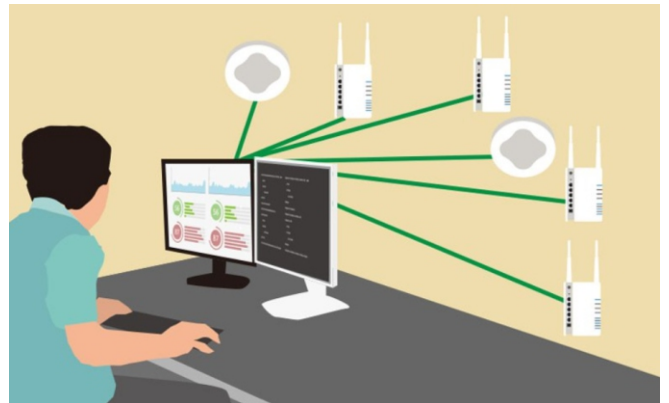
Wireless Client Isolation

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

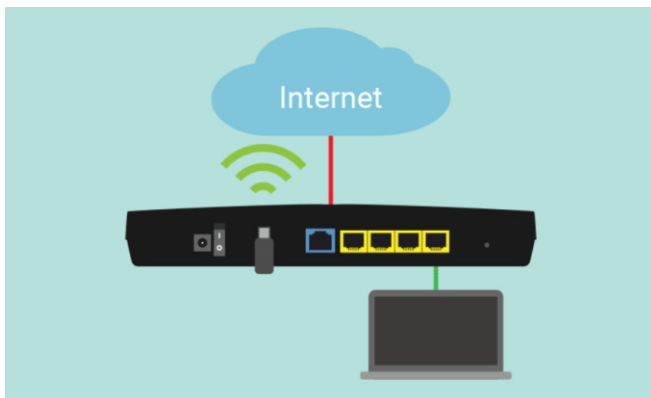
- Failover Internet connection
- Guaranteed bandwidth for business-related Internet activities
- Firewall protection
- A secure remote access



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.

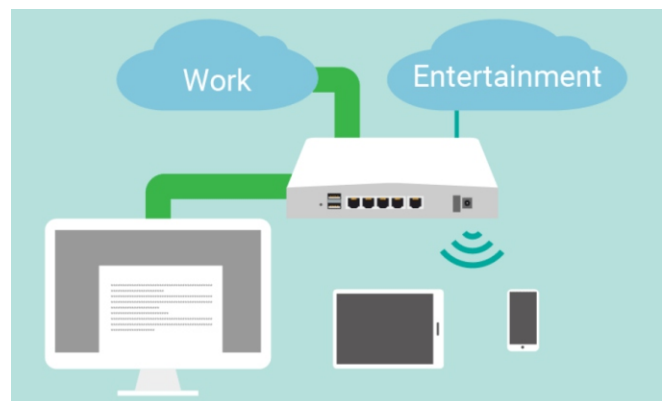
WAN Failover

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.



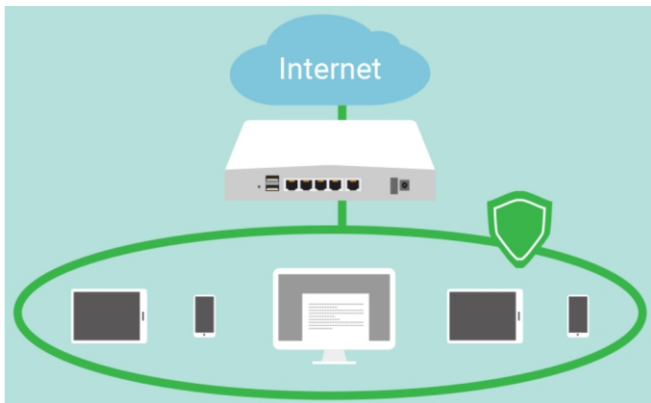
Quality of Service (QoS)

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.



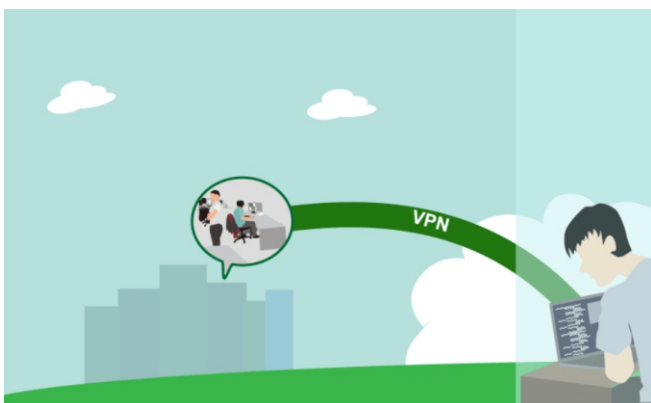
Firewall Features

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

Vigor2120



Vigor2912



Home Network Solutions

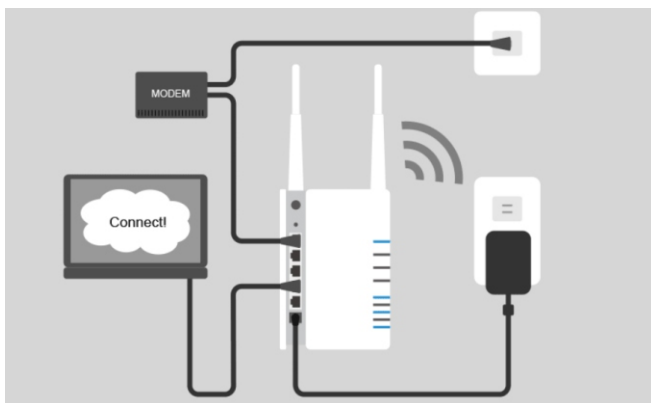
- Internet access and wireless network
- Connect to the network by various devices
- Filtering websites which are inappropriate for the kids
- A roaming wireless network



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!

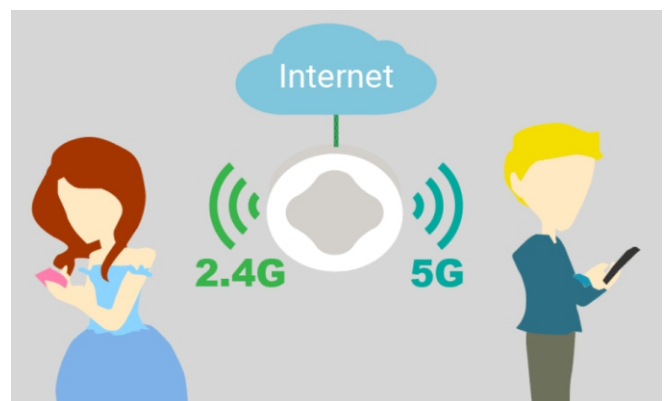
Easy and Quick Settings

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.



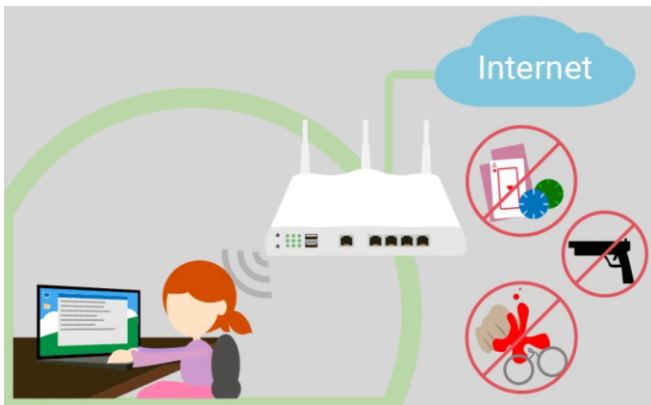
Dual-band Wi-Fi & Band Steering

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.



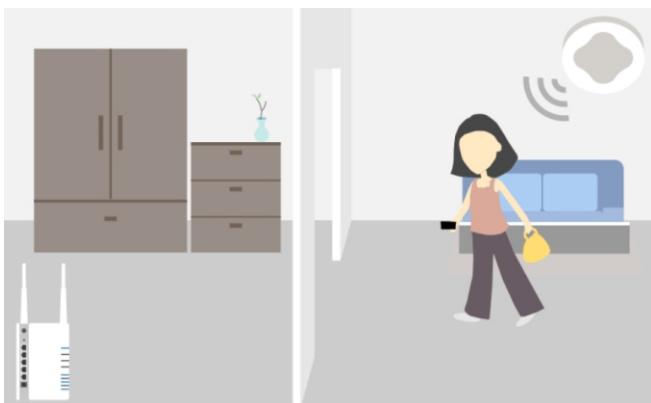
Protect your children with “Content Filter”

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

Vigor2120n-plus



VigorAP 902



VigorAP 910C



Vigor2120 Series

Broadband Firewall Router



- Broadband Gigabit Ethernet WAN
- 2 simultaneous VPN Tunnels (PPTP/L2TP/IPsec/SSL VPN)
- IP-based Bandwidth Management & QoS
- Firewall & Content Filtering by URL Keyword, Web Category, or Apps
- 1 USB port for 3G/4G WAN backup, printer, or network storage
- Dual-Band Wi-Fi built-in (Vigor2120n-plus)

	WLAN (2.4+5 GHz)
Vigor2120n-plus	●
Vigor2120	

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 (2.4GHz)
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

	WLAN (2.4+5 GHz)
Vigor2926ac	●
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

	PoE
Vigor2952P	●
Vigor2952	

Vigor3220

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

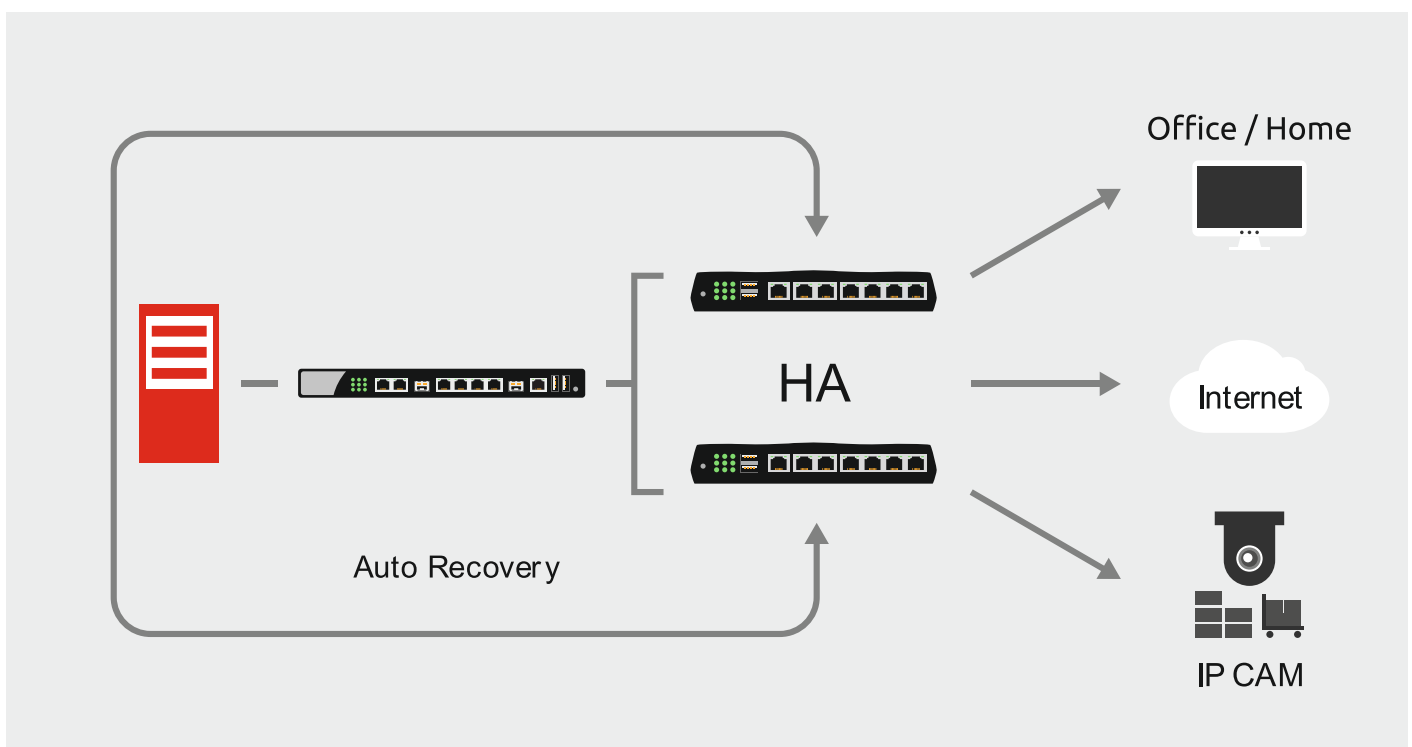
Vigor3900

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



Multi-site Secure Communication



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

	WLAN (2.4+5 GHz)
Vigor2762ac	●
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

	WLAN (2.4+5 GHz)
Vigor2862ac	●
Vigor2862	

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 (2.4+5 GHz)

Vigor2862Lac



Vigor2862L

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 (2.4+5 GHz)

Vigor2926Lac



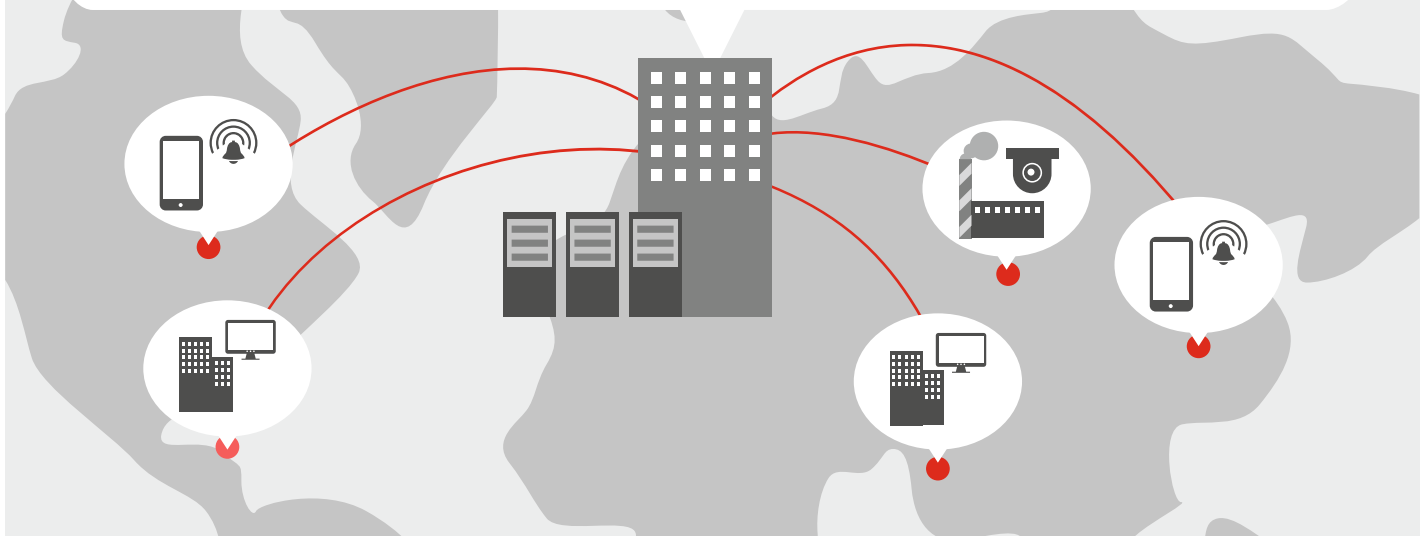
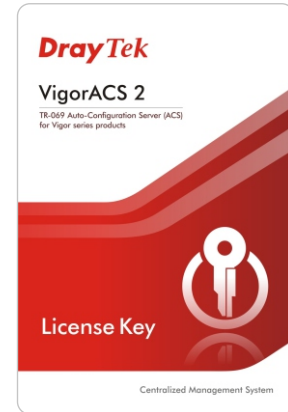
Vigor2926L

Multi-site Secure Communication

VigorACS 2

Centralized Management System

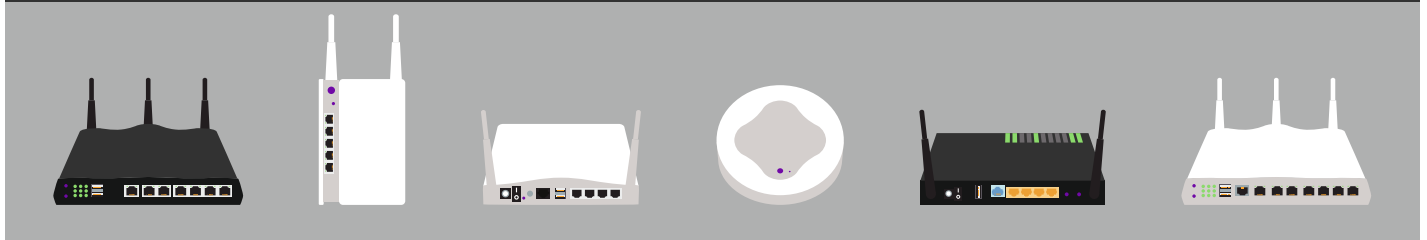
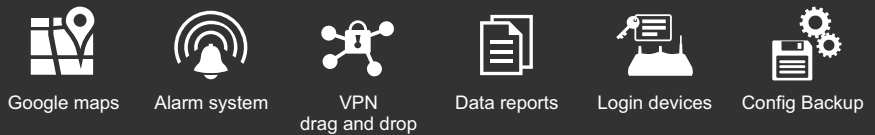
- Supports TR-069 standard to manage Vigor routers and APs
- CPE Provisioning
- Real-time Status Monitoring
- Advanced Firmware Management
- VPN Wizard for easy configuration of VPN tunnels
- AP & Wireless Management
- Log Recording and Report
- Designed with RWD to fit various size of screens



Cross-browser Support



Feature



Rich Solution

GlobalView Web Content Filter



- Zero-Hour Security for identifying outbreaks on their way to users, instead of reacting to their pain.
- Innovative Data Cloud Technology for overcoming local storage limitations and satisfying customers' specific needs.
- Unparalleled Accuracy :
 - Customer-oriented classification triggered by every new site customers browse.
 - Routine analysis of site dynamics and user behavior determines scan granularity.
 - Continuous tracking ensures exact classification of each URL at every moment.

Smart Monitor

Network Activity Monitor System

The screenshot displays the DrayTek Smart Monitor interface. At the top, it shows '196 Users Logged 1 Admin Online admin'. The main content area is divided into several sections:


- Quick Start Guide:** A list of tasks such as 'Create your Admin Account', 'Modify general Setting', and 'View service records and traffic in Service Analysis'.
- Tricks & Tips:** A section with links for 'Admin Online', 'Event Log', 'Resource', 'Service Top 10', and 'User Top 10'.
- Service Analysis:** A grid of icons for various services: FTP, Mail, HTTP, IM, Media, Telnet, P2P, Webdown, Stock, Game, SIP, DNS Query, VPN, IPSEC VPN, and Search Engine.
- Statistics & Report:** A section with instructions: 'Click Service traffic on right', 'Hard Disk utilization graph', and 'Generate offline PDF reports, send daily report email'.
- Table:** A table showing traffic statistics for various protocols.

Protocol	Total Traffic	No. Address	User Name	Group/Department	Today Audit
FTP	212 KB	1	172.16.3.212		62.75 MB
HTTP	17.53 MB	2	172.16.3.12		18.01 MB
ICQ	0.00 KB	3	172.16.3.193		4.03 MB
MSN	0.00 KB	4	172.16.3.251		3.78 MB
P2P	0.00 KB	5	172.16.2.13		31.8 MB
POP3	0.00 KB	6	172.16.3.30		2.89 MB
SMTP	11.92 MB	7	172.16.3.11		2.53 MB
TELNET	1.05 KB	8	172.16.3.206		2.26 MB
YMSG	0.00 KB	9	172.16.3.19		1.27 MB
		10	172.16.2.247		1.27 MB

- Network Traffic Analyzer
- User Management
- System Management
- User Analysis
- Top10 ranking system


External Device Management System

Client



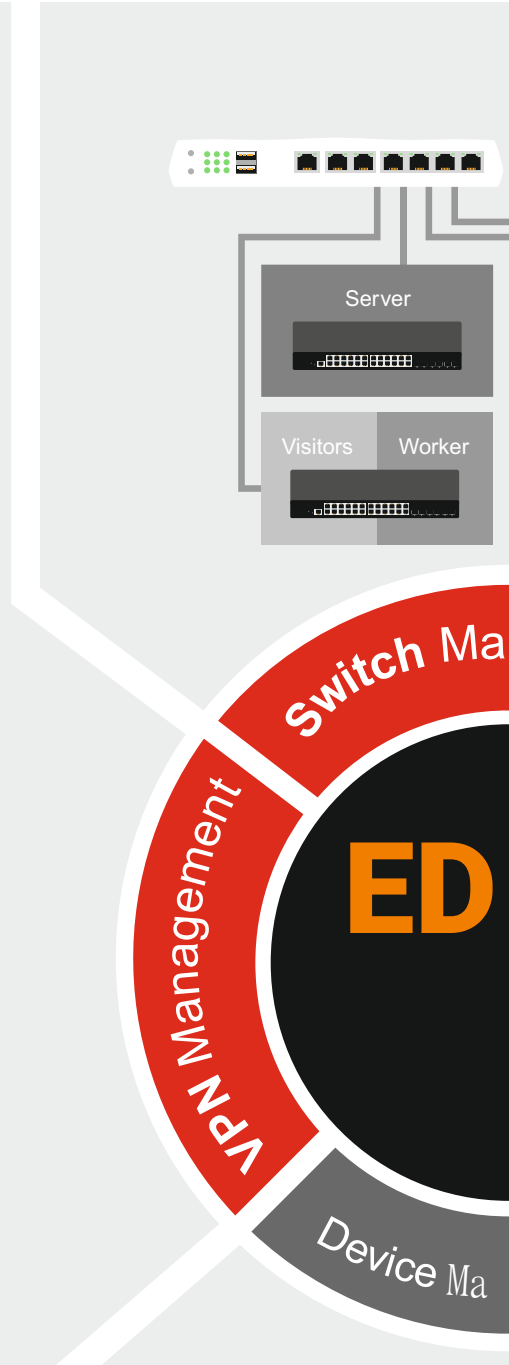
Register

Server



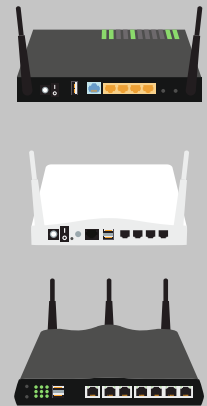

Capability

- 8 UNITS: Vigor2862 / 2926 / 2952 / 3220 Series
- 12 UNITS: Vigor2960
- 16 UNITS: Vigor3900

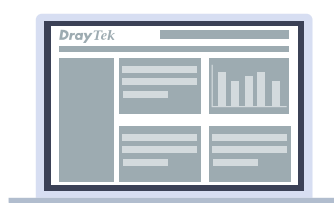


Remote Management

Configuration F/W



Monitor



MS
External Device Management System

AP Management

Management
Maintenance

Visitors
Worker Manager

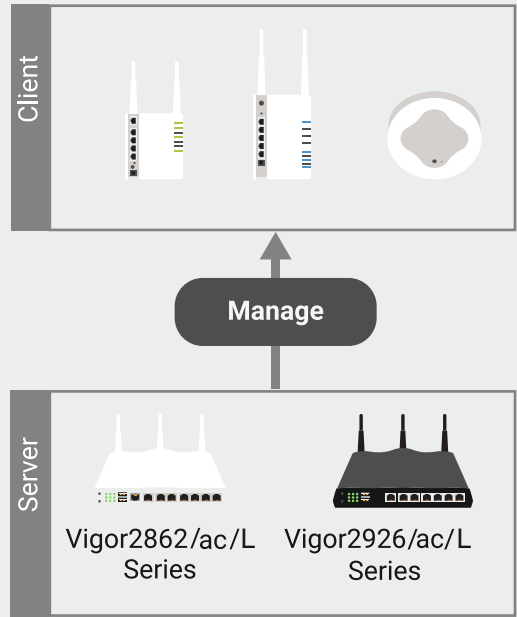
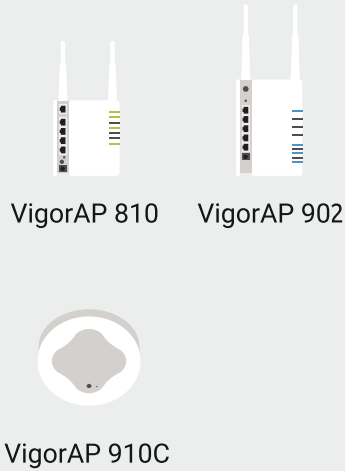
Feature

- Remote update
- Login devices

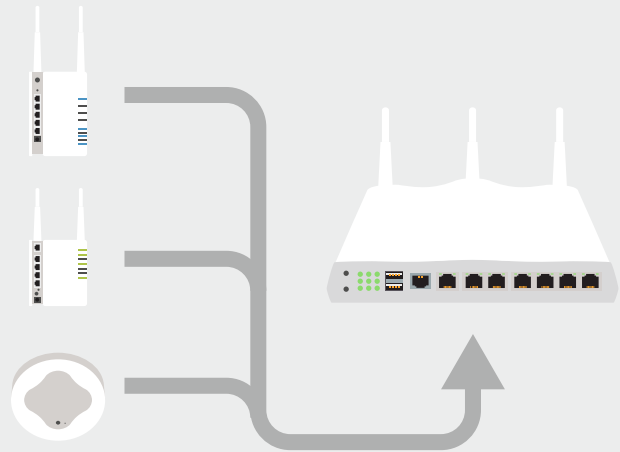
Cross-Browser Support

Capability

20
UNITS

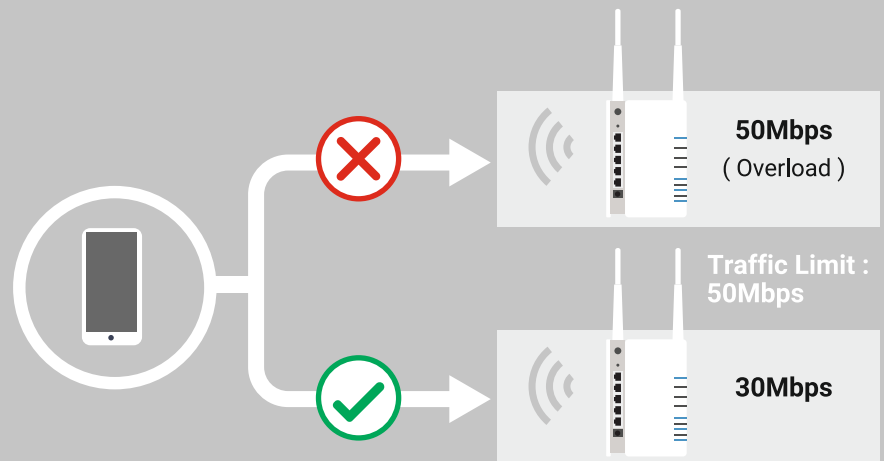


Plug'n Go



AP Load Balance (Traffic Overload)

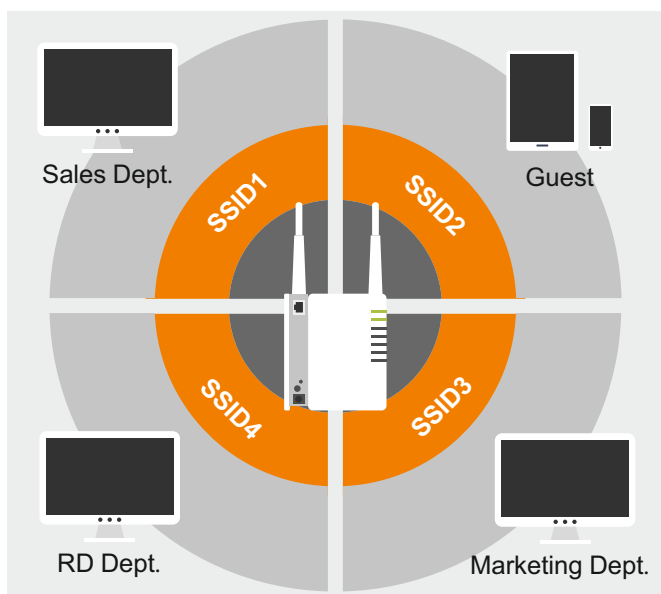
Note: AP with the same SSID and security is the same entry in scan list.



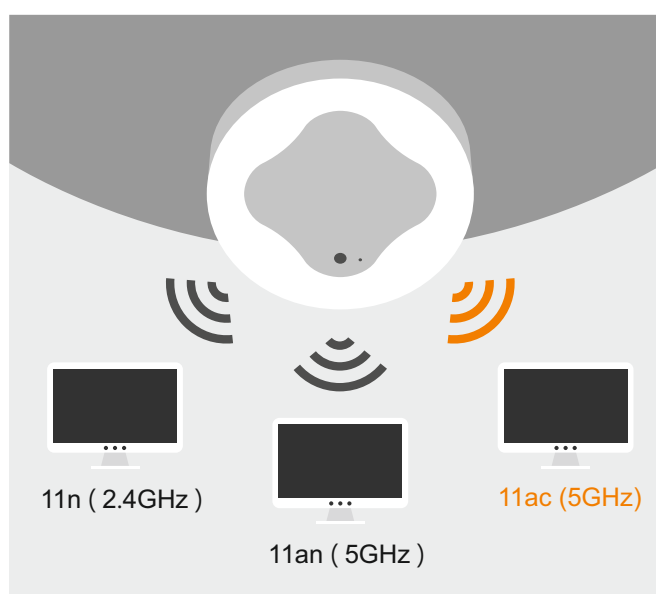
Multiple LAN



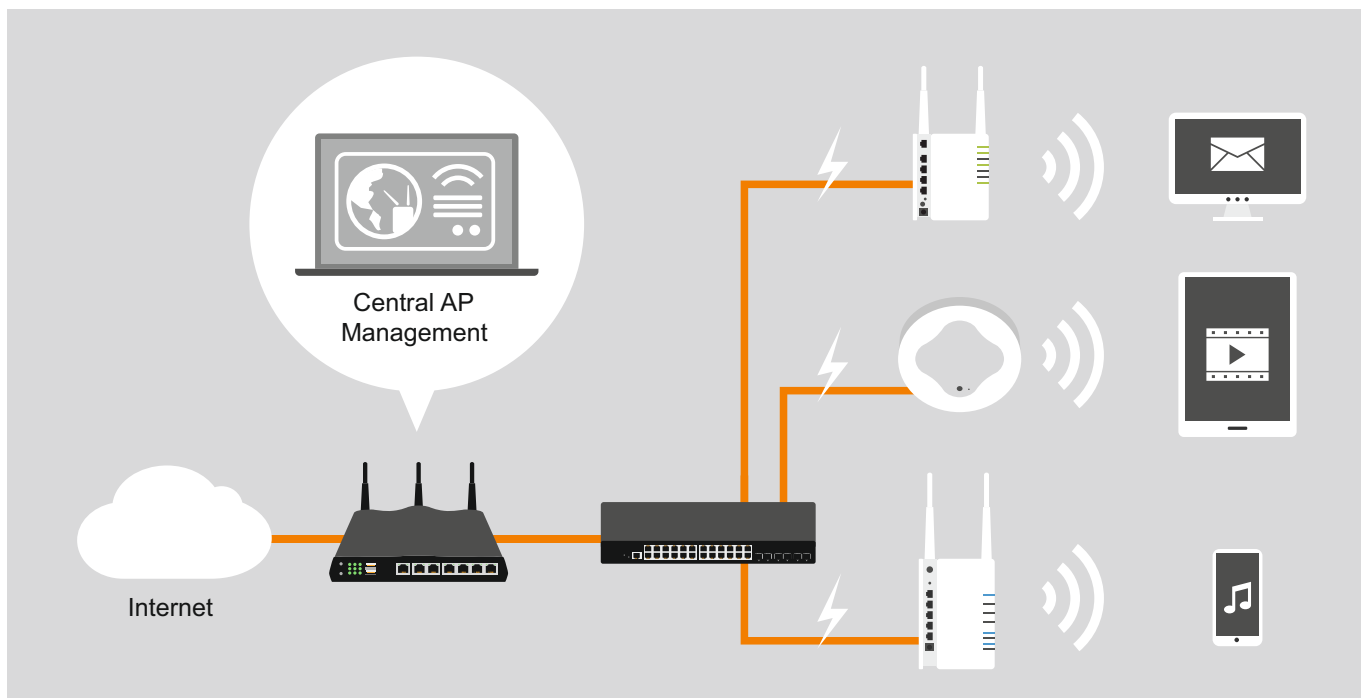
Multiple SSID



Triple Access



Flexible Application



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 902

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

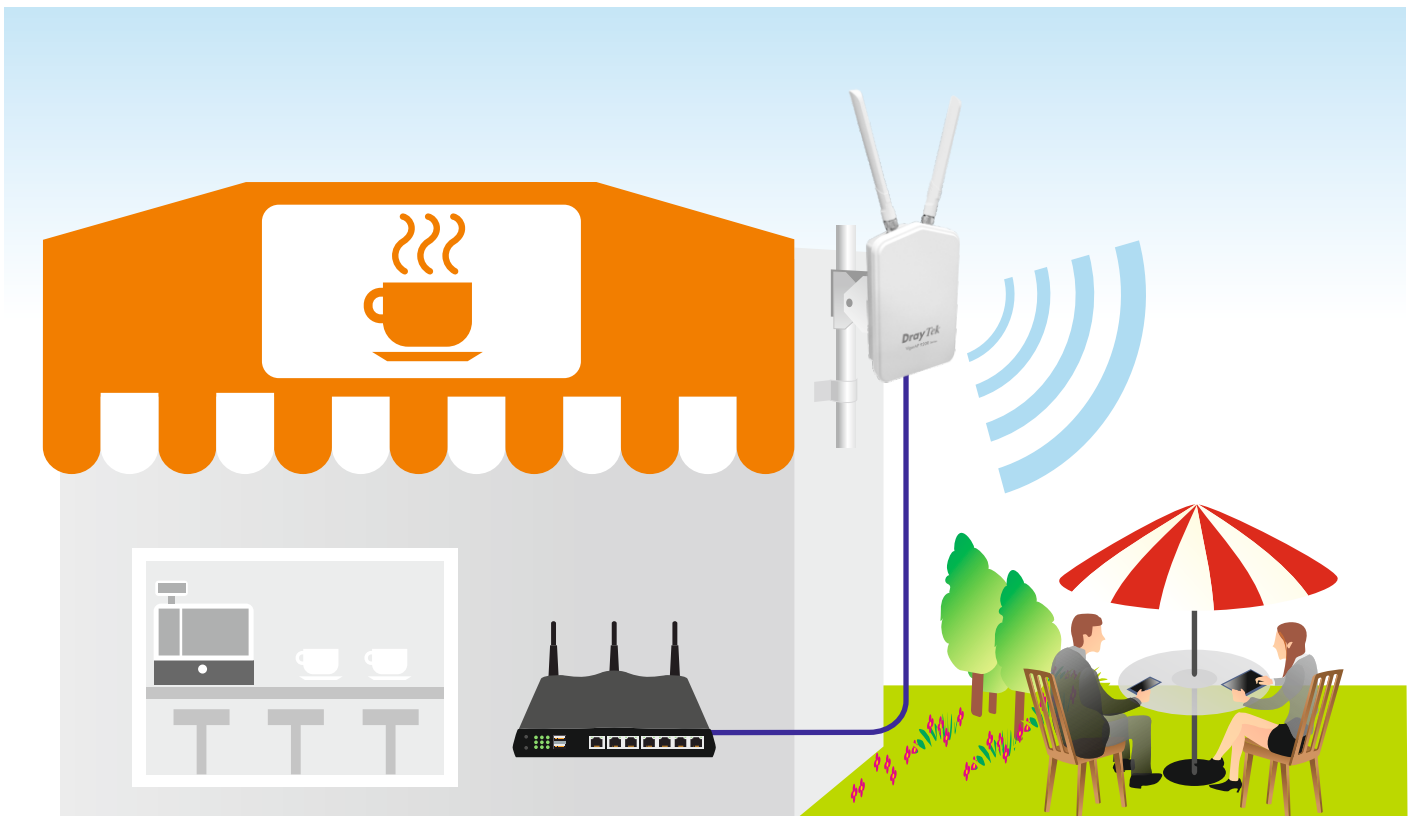
VigorAP 920R Series

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	5GHz high gain antenna
VigorAP 920RPD	•	•
VigorAP 920RP	•	
VigorAP 920RD		•
VigorAP 920R		



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 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



		Smart Lite		Web Smart		L2 Managed	
		SmartLite G1080	VigorSwitch P1092	VigorSwitch G1280	VigorSwitch P1280	VigorSwitch G2280	VigorSwitch P2280
Physical Port	Dedicated Ethernet Port	8 x GbE	8 x GbE	24 x GbE	24 x GbE	24 x GbE	24 x GbE
	Dedicated SFP Port		2				
	SFP Combo Port			4	4	4	4
	Console Port					•	•
Switch Management		Lite	Lite	•	•	•	•
Spanning Tree	STP	Loop Prevention only	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
	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)	v2/v3 (BISS)	v2/v3 (BISS)
	IGMP Querier			•	•	•	•
	MLD Snooping					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
	RMON(1,2,3 &9)					•	•
	SNTP			•	•	•	•
	Logging (Local + Syslog)			•	•	•	•
	Port Mirror	•	•	•	•	•	•
	LLDP			•	•	•	•
Power Over Ethernet	Power Budget		110		340		340
	Ports support PoE+ (802.3at)		8		24		24
	Schedule				•		•

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

Description	2.4GHz/5GHz Indoor Omni-Directional Antenna	
Environment	Indoor	
Frequency Range	2400~2500 MHZ 5150~5850 MHZ	
Peak Gain @ 2.4GHz	5 dBi	
@ 5GHz	7 dBi	
VSWR @ 2.4GHz	< 2.0	
@ 5GHz	< 3.0	
Polarization	Linear	
HPBW/Horizontal @ 2.4GHz	360°	
@ 5GHz		
HPBW/Vertical @ 2.4GHz	80°	
@ 5GHz		
Power Handling	5W	
Impedance	50 Ω	
Connector	PR SMA Plug	



Broadband Router

		Vigor2120 series		Vigor2133 series				Vigor2912 series	
		2120	2120n-plus	2133	2133n	2133ac	2133Vac	2912	2912n
WAN	WAN Type	1 x GbE		1 x GbE				1 x FE + 1 x configurable WAN2 on P1	
	Fail-over	●						●	
	Load Balance							●	
LAN	Ethernet	4 x GbE		4 x GbE				4 x FE	
	Multiple Subnet	2		4				2	
	Tag-based VLAN	●		●				●	
NAT Sessions		30,000		30,000				30,000	
WLAN	Standard		11a/b/g/n		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		2 x 2
	Security WEP/WPA/WPA2/ 802.1X Authentication		●		●	●	●		●
	Antennas (Detachable)		2		2	2	2		2
VPN	Total VPN Tunnels	2		2				16	
	Max. SSL VPN Tunnels	2		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	1 x USB 2.0		2 x USB 2.0				1 x USB 2.0	
	USB Temperature Meter	●		●				●	
VoIP	Phone Ports (FXS)						2		
	PSTN Ports (FXO)								

xDSL Router

		Vigor130	VigorNIC 132 series		Vigor2762 series			
		130	132	132F	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 configurable WAN2 on P4			
	Fail-over		●		●			
	Load Balance							
LAN	Ethernet	1 x GbE	1 x PCI-E		4 x GbE			
	Multiple Subnet				2			
	Tag-based VLAN	●	●					
NAT Sessions		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)							

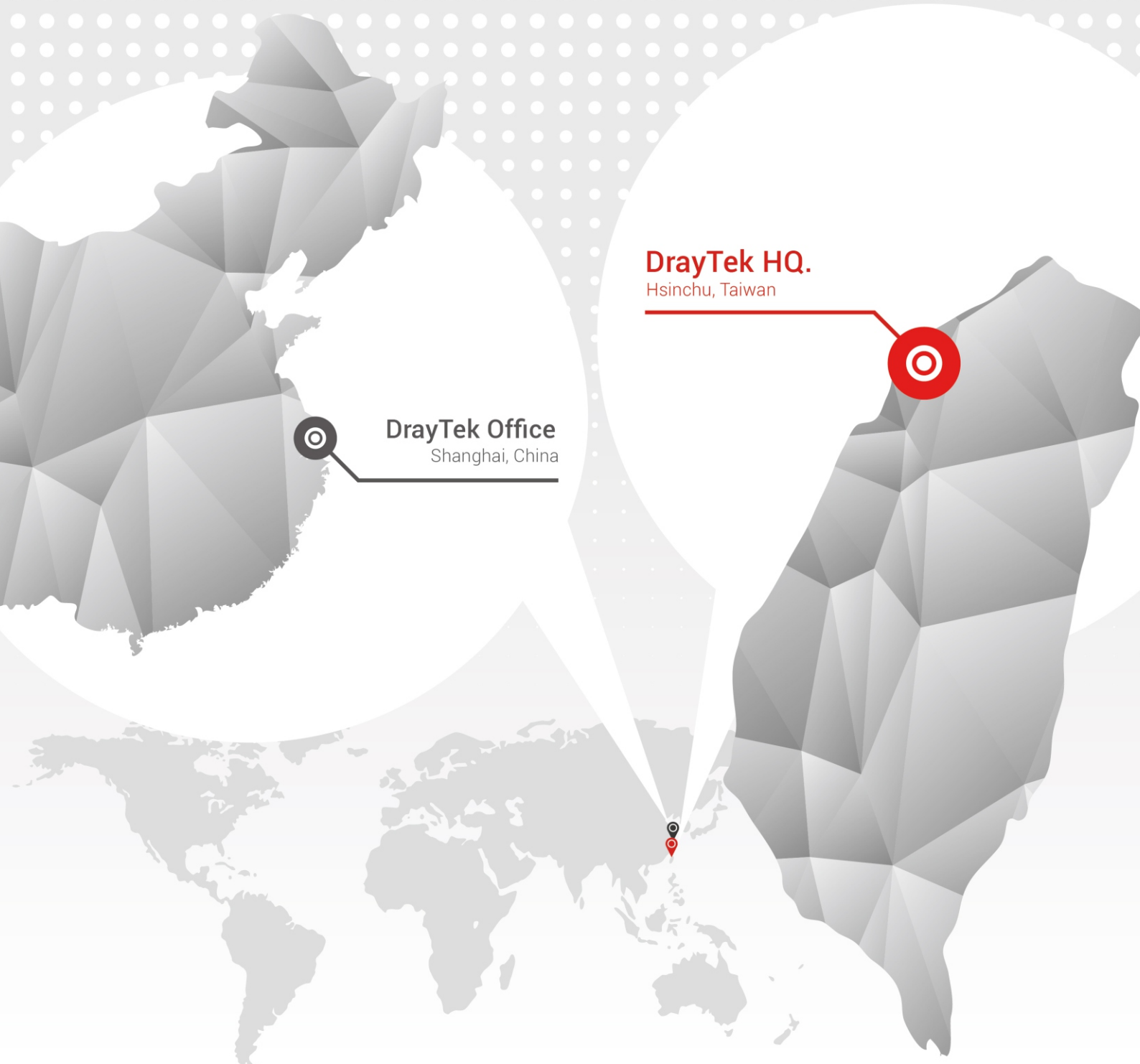
Vigor2832 series		Vigor2862 series			
2832	2832n	2862/B	2862n/Bn	2862ac	2862Vac
1 x ADSL + 1 x GbE		1 x A/VDSL + 1 x GbE			
•		•			
•		•			
4 x GbE		5 x GbE (P5 is shared by WAN2)			
4		8			
•		•			
50,000		50,000			
	11b/g/n		11b/g/n	11a/b/g/n/ ac wave 2	11a/b/g/n/ ac wave 2
	•		•	•	•
				•	•
	2 x 2		2 x 2	4 x 4	4 x 4
	•		•	•	•
	2		2	4	4
32		32			
10		16			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
•		•			
2 x USB 2.0		2 x USB 2.0			
•		•			
					2
					1
VDSL2 Bonding Support (B/Bn model)					

LTE & Fiber Router

		LTE					Fiber		
		Vigor2862L series			Vigor2926L series				
		2862L	2862Ln	2862Lac	2926L	2926Ln	2926Lac	Vigor2132FVn	Vigor2912Fn
WAN	WAN Type	1 x A/VDSL + 1 x GbE			2 x GbE		1 x SFP	1 x SFP + 1 x configurable WAN2 on P1	
	Fail-over	•			•			•	
	Load Balance	•			•			•	
LTE	LTE Type	FDD + TDD			FDD				
	SIM Slot	1			1				
	Antenna	2			2				
LAN	Ethernet	5 x GbE (P5 is shared by WAN2)			5 x GbE (P5 is shared by WAN2)		4 x GbE	4 x FE	
	Multiple Subnet	8			8		2	2	
	Tag-based VLAN	•			•		•	•	
NAT Sessions		50,000			50,000		30,000	30,000	
WLAN	Standard		11b/g/n	11a/b/g/n/ ac wave 2		11b/g/n	11a/b/g/n/ ac wave 2	11b/g/n	11b/g/n
	2.4GHz		•	•		•	•	•	•
	5GHz			•			•		
	MIMO		2 x 2	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	4		2	4	2	2
VPN	Total VPN Tunnels	32			50		2	16	
	Max. SSL VPN Tunnels	16			25		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	1 x USB 2.0			1 x USB 2.0		2 x USB 2.0	1 x USB 2.0	
	USB Temperature Meter	•			•		•	•	

Access Point

		VigorAP 710	VigorAP 810	VigorAP 902	VigorAP 910C	VigorAP 920R series	
		710	810	902	910C	920R/RD	920RP/RPD
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 x External Dual band (D model includes 5GHz high gain)	
	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						•	•



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