

DrayTek

Your reliable networking solutions partner

Databook 2015



Multi-WAN



VPN



**Mid-size
Business**



Management



**Access
Point**



Switch

DrayTek, state-of-the-art firmware designer and quality hardware producer, is the reliable supplier of novel networking & telecommunications for SOHO and SMB. At present, DrayTek's solutions, ranging from enterprise-level firewalls, mission-critical bandwidth management and comprehensive VPN facilities, triple play routers, to prospective IP PBX solutions, can meet the market trend and go above and beyond customer's expectations.





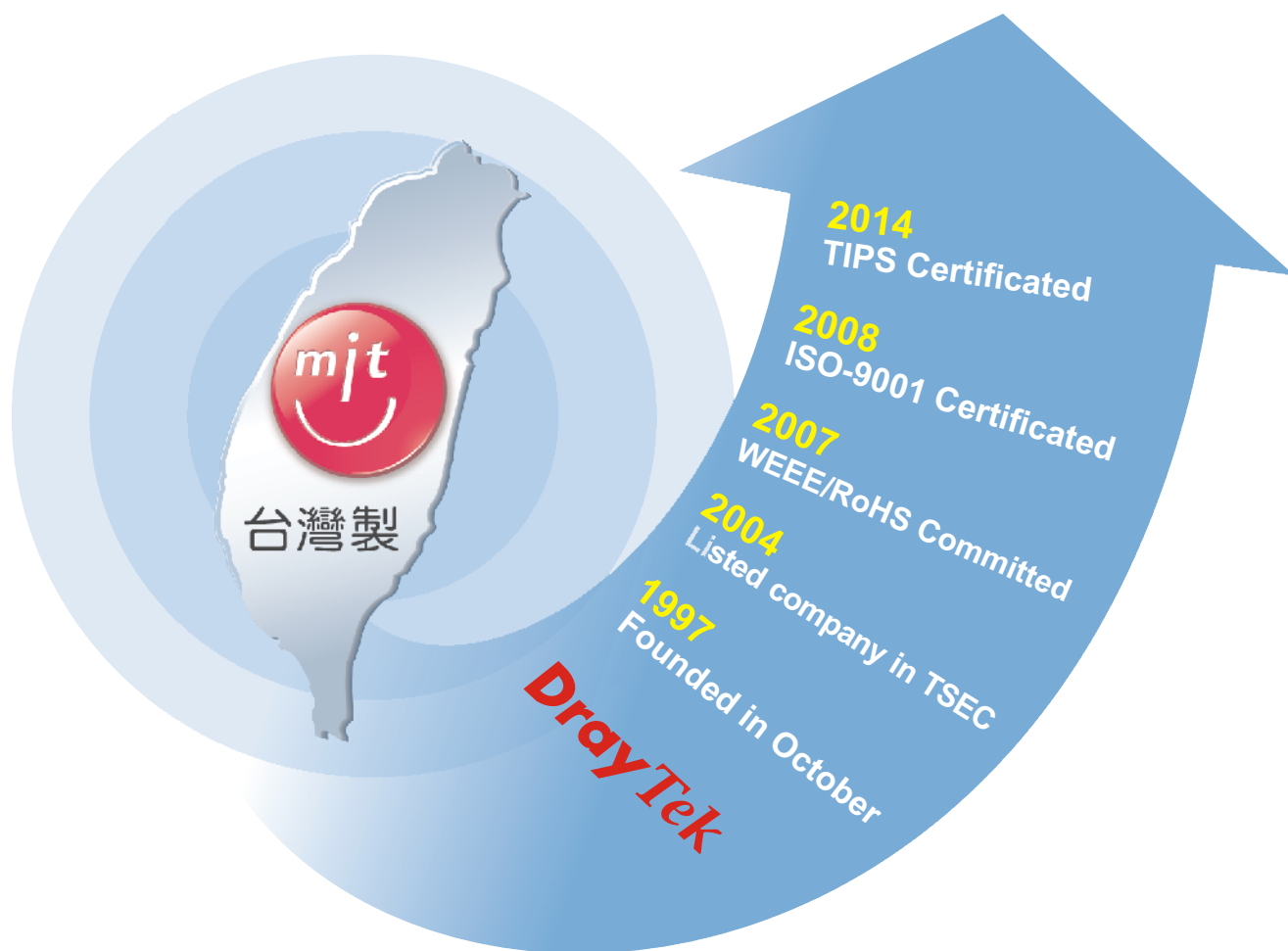
• **Vigor130**



• **VigorAP 900**



• **Vigor2912 Series**



TAIWAN
EXCELLENCE
2013

- **Vigor300B**
- **Vigor2960**
- **Vigor2860 Series**
- **Vigor2925 Series**



TAIWAN
EXCELLENCE
2012

- **Vigor3900**
- **VigorAP 800**
- **VigorACS SI**
- **Vigor2760 Series**
- **Vigor2920 Series**
- **Vigor3200 Series**



TAIWAN
EXCELLENCE
2011

- **VigorFly 200**
- **VigorIPPBX 2820**

Single WAN (30 hosts)

xDSL	Page	Ethernet	Page
Vigor130	5	Vigor2120 Series	6
Vigor2760 Series	5	Vigor2912 Series	6

Multiple WAN (30 - 50 hosts)

Combo (30 hosts)	Page	Ethernet (50 hosts)	Page
Vigor2860 Series	7,9	Vigor2925 Series	8,11
Vigor2860ac Series	7,10	Vigor2925ac Series	8,12

Mid-size Network (200 - 500 hosts)

200 hosts	Page	500 hosts	Page
Vigor300B	13	Vigor3900	14
Vigor2960	13		

Layer 2 Switch

Management	Page	Web smart	Page
VigorSwitch G2260	21	VigorSwitch G1241	22
VigorSwitch P2261	21	VigorSwitch G1260	22
PoE	Page		
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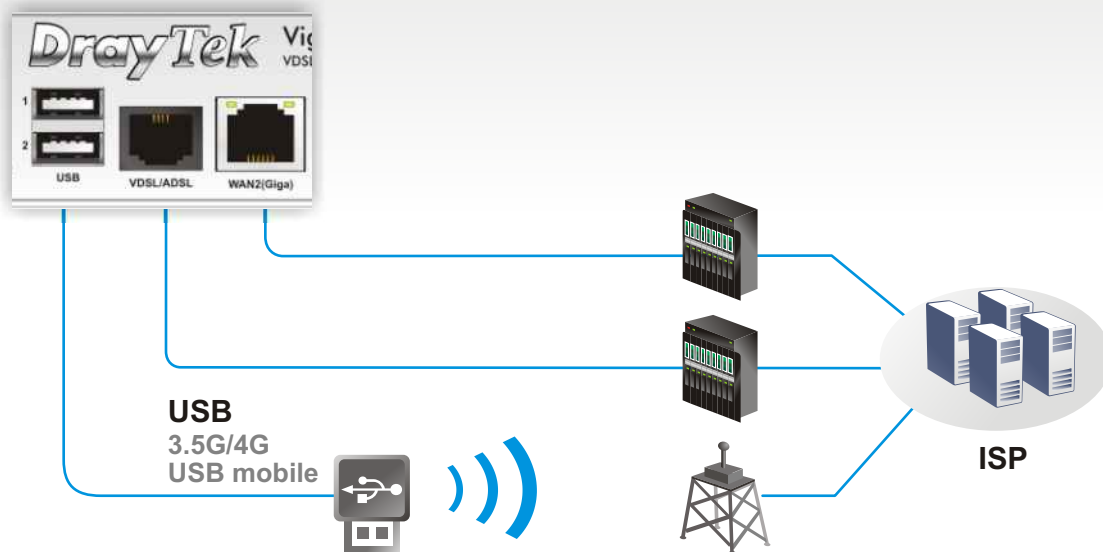
Access Point

2.4G	Page	2.4G/5G	Page
VigorAP 710	19	VigorAP 900	20
VigorAP 810	19		
11ac	Page		
VigorAP 910C	20		

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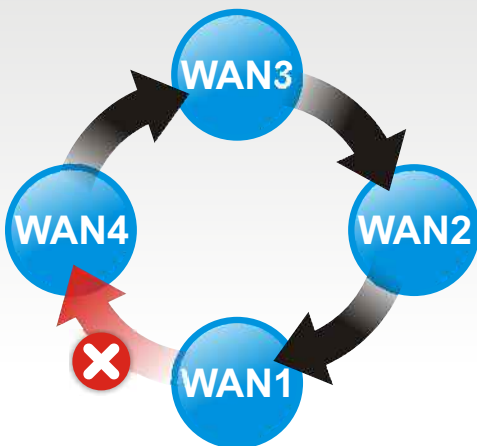


Multi-WAN Redundancy

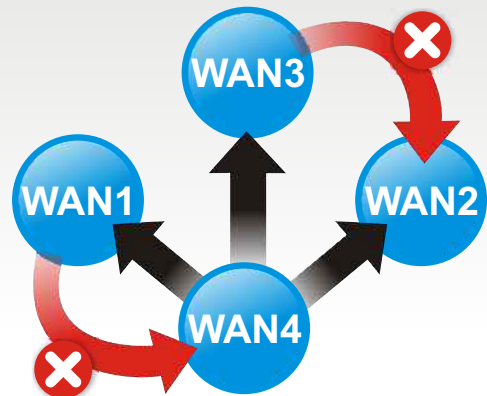


Multi-WAN Backup

Backup in order



WAN4 as a backup WAN only



Fail-over

Vigor130

- ADSL/VDSL modem
- 1 x Gigabit Ethernet LAN
- IPv4 & IPv6 ready
- Multiple PVC for triple play application
- Support TR-069

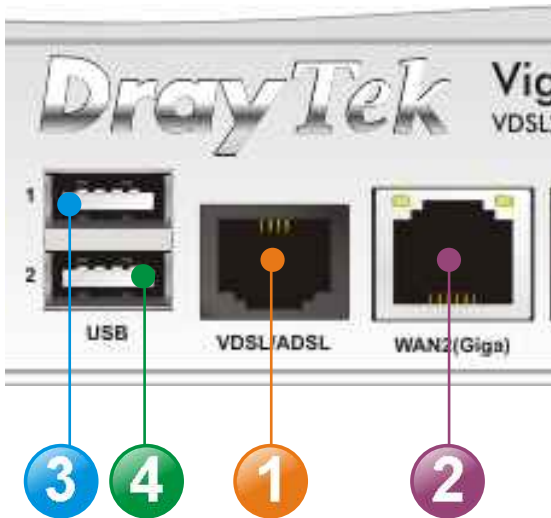


Vigor2760 Series

- ADSL/VDSL router
- 4 x Gigabit Ethernet LAN, included one configurable port as broadband router
- WLAN support 300Mbps @2.4G
- Multiple PVC for triple play application
- Port-based VLAN for VoIP/network management



Load Balance



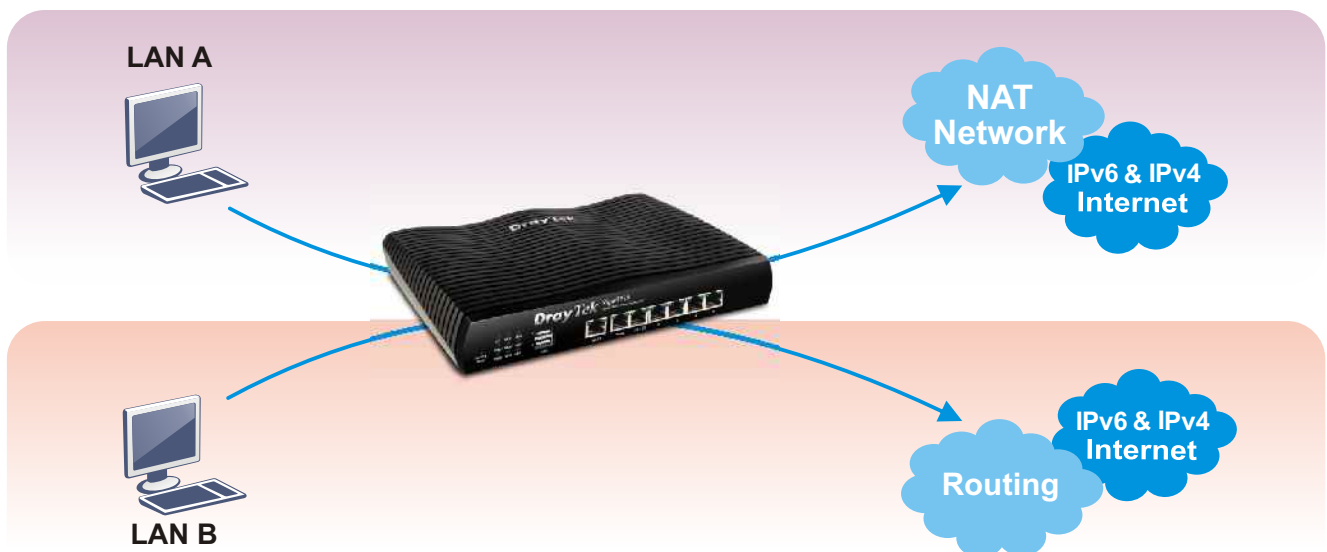
Load Balance Usage



Load Balance with Backup Usage



Flexible Network



Vigor2120 Series

- Gigabit Ethernet (10/100/1000Mbps) Broadband router with 2 VPN tunnels (PPTP/L2TP/IPsec)
- WLAN support 300Mbps @2.4G & 5G
- 3G/4G USB modem support as Primary or Backup WAN
- IP grouping to simplify network management (session, bandwidth, firewall rule...)
- Support SSL VPN Proxy mode



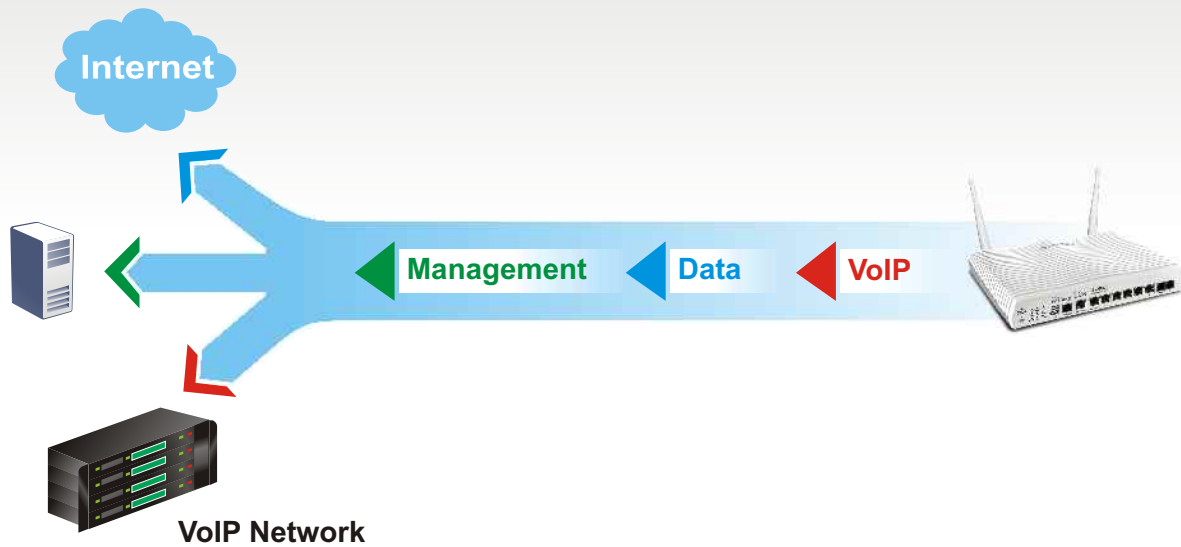
Load Balance

Vigor2912 Series

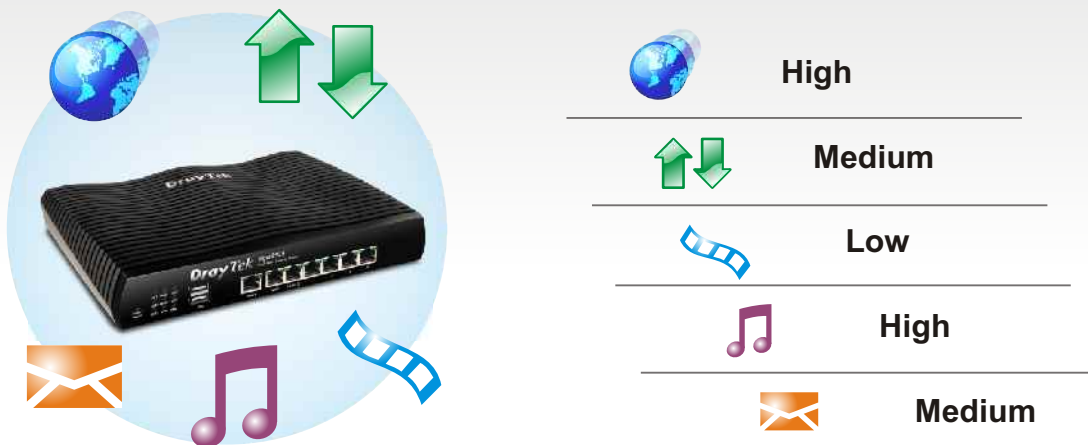
- Fast Ethernet (10/100Mbps) Broadband router with 16 VPN tunnels (PPTP/L2TP/IPsec)
- 3G/4G USB modem support as 2nd Primary or Load-balancing WAN
- WLAN Support 300Mbps @2.4G
- IP grouping to simplify network management (session, bandwidth, firewall rule...)
- Port-based VLAN to isolate private and guest LAN
- Wireless Station Controller for SOHO/Free wi-fi cafe usage



Multiple Service



Bandwidth/Session Controller



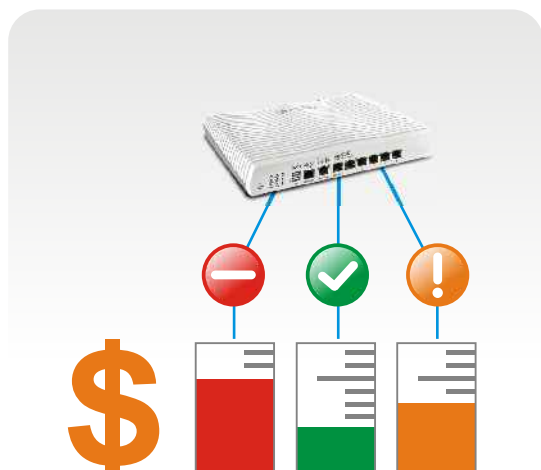
Load Balance

Vigor2860/2860ac Series

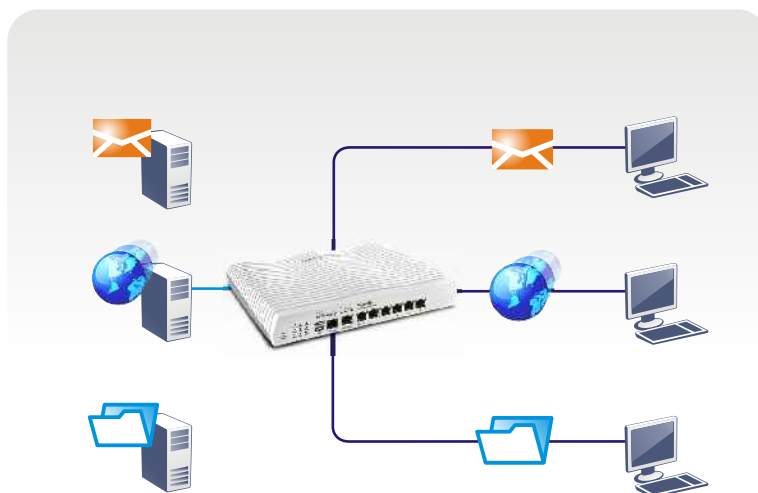
- ADSL/VDSL/Gigabit Firewall Router with 32 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G & 5G (**Vigor2860 Series**)
- WLAN support 300Mbps @2.4G, 1300Mbps @5G (**Vigor2860ac Series**)
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



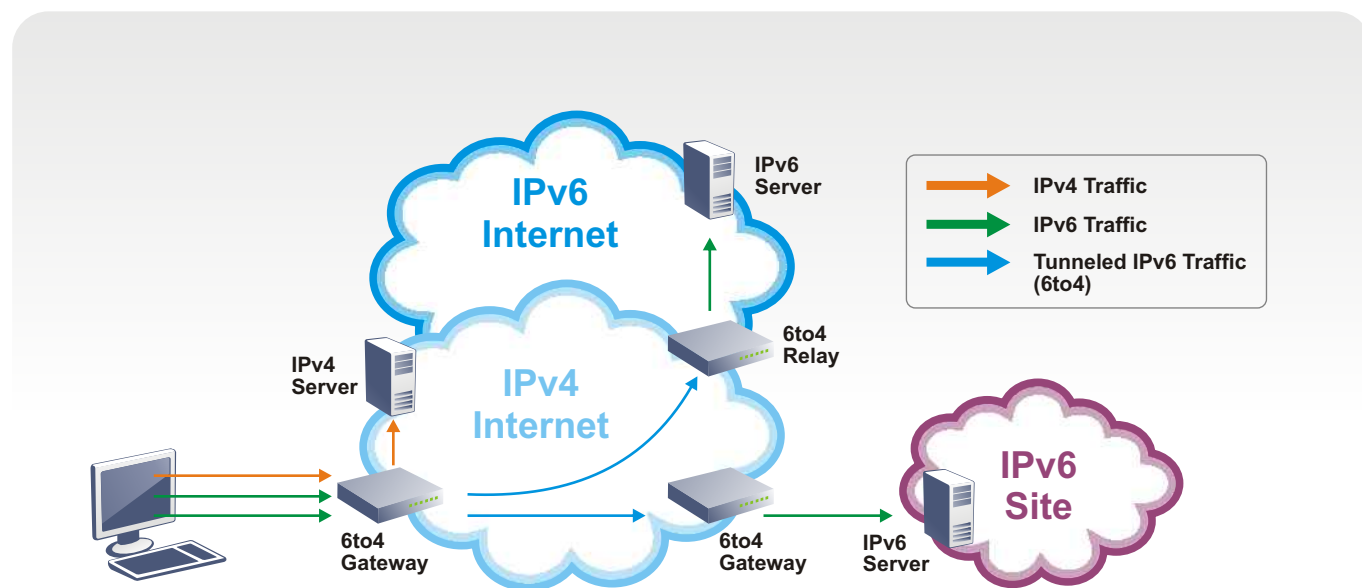
Internet Budget Controller



Service Binding



IPv4 & IPv6

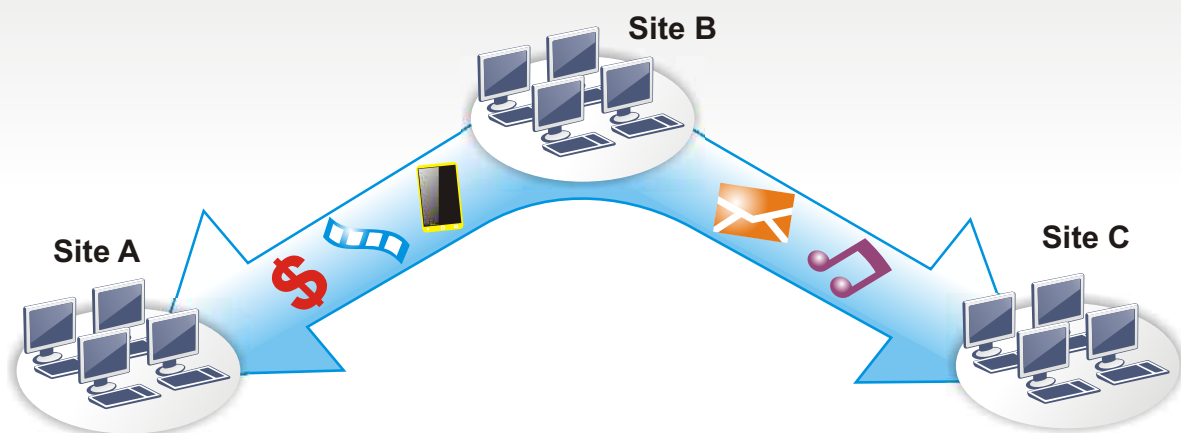


Vigor2925/2925ac Series

- Gigabit Ethernet Broadband Firewall Router with 50 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G & 5G (**Vigor2925 Series**)
- WLAN support 300Mbps @2.4G, 1300Mbps @5G (**Vigor2925ac Series**)
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



Multi Site Secure Communication



VPN Failover



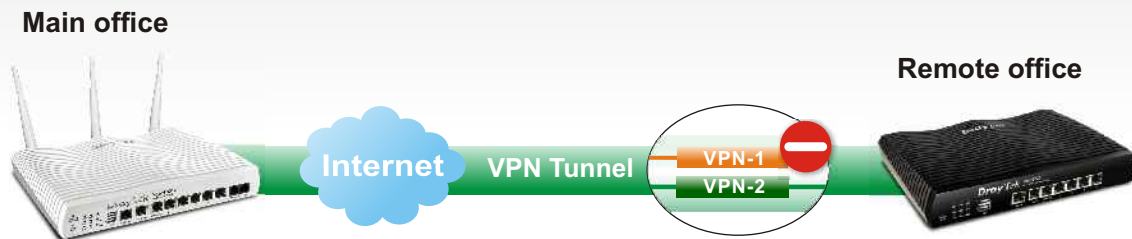
VPN Backup

Vigor2860 Series

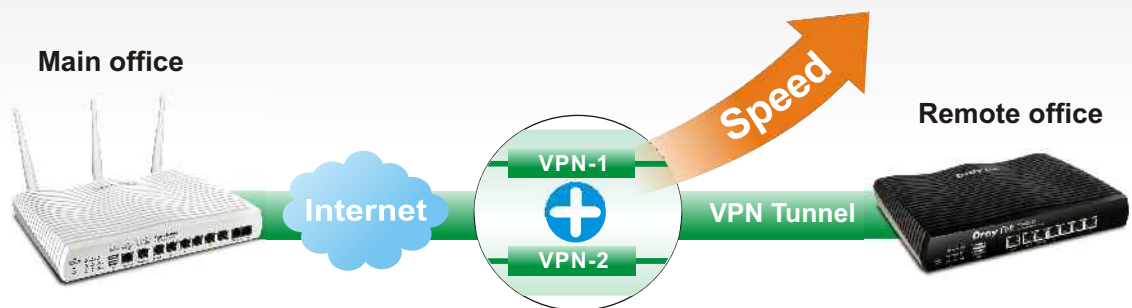
- ADSL/VDSL/Gigabit Firewall Router with 32 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G & 5G
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



VPN Backup



VPN Trunking

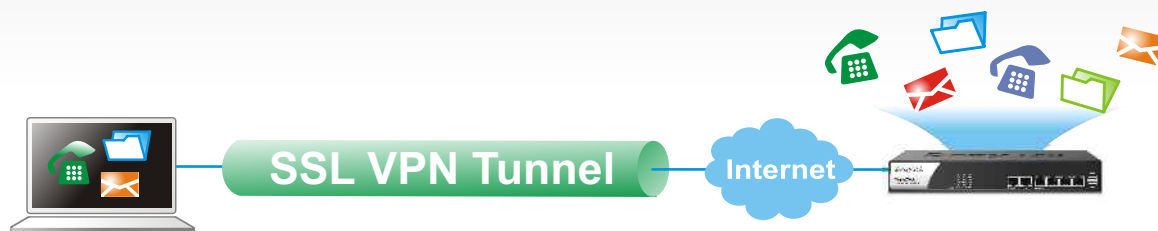


Vigor2860ac Series

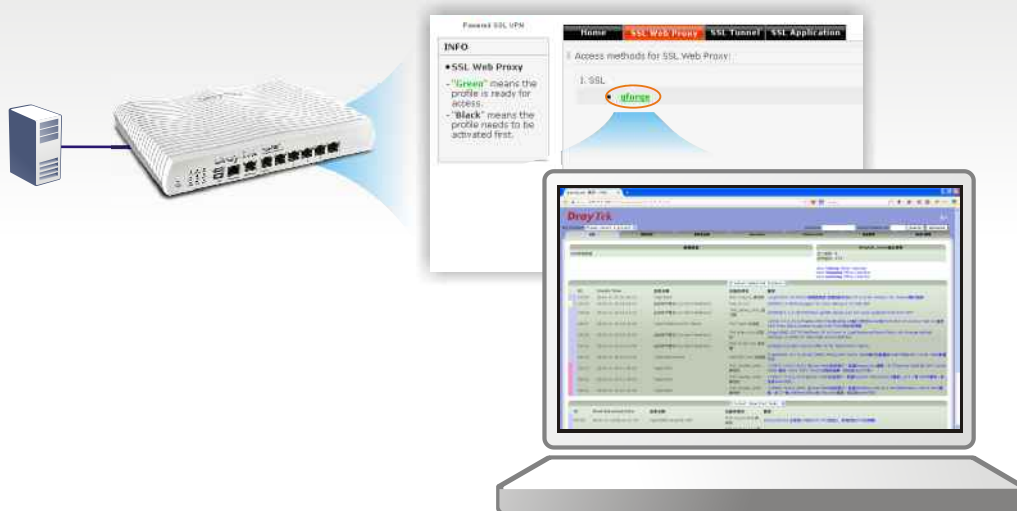
- ADSL/VDSL/Gigabit Firewall Router with 32 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G, 1300Mbps @5G
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



SSL VPN Tunnel



SSL Proxy



VPN Trunking

Vigor2925 Series

- Gigabit Ethernet Broadband Firewall Router with 50 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G & 5G
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



PPTP/L2TP/IPsec Host to LAN



Data Monitor

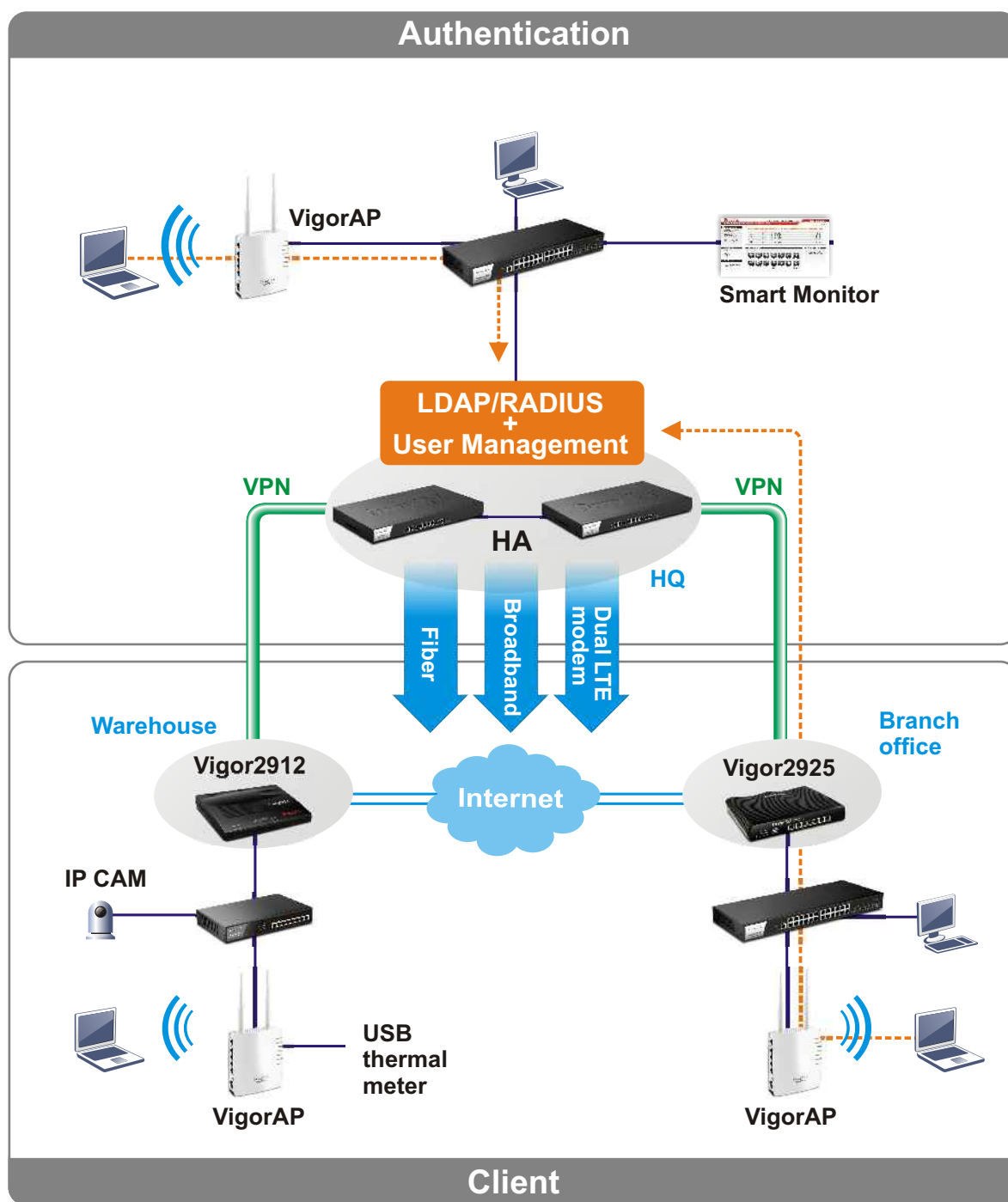


Vigor2925ac Series

- Gigabit Ethernet Broadband Firewall Router with 50 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem as Quadruple WAN for Load-balance
- WLAN support 300Mbps @2.4G, 1300Mbps @5G
- Web Content Filter support keywords, URL and http/https content filtering
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series



Multi Site Secure Communication



200 hosts

Vigor300B

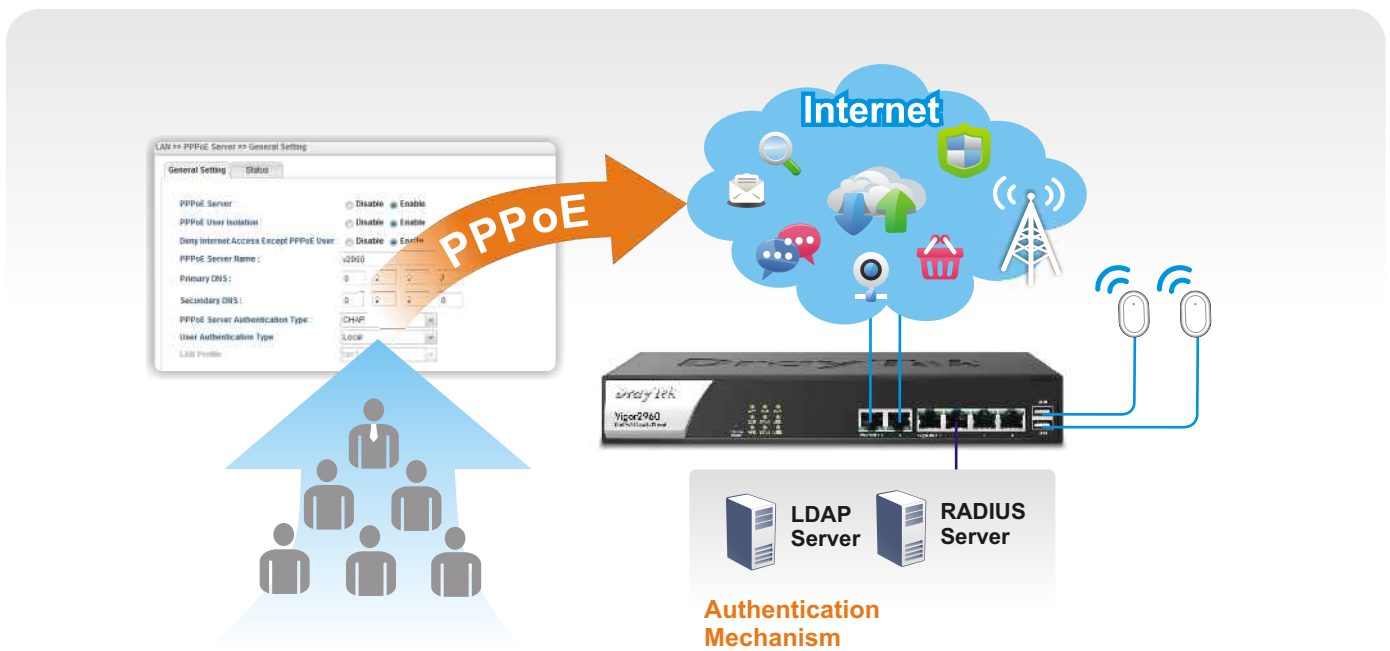
- Gigabit Ethernet Broadband Security Router with 4 WAN
- Support DUAL 3G/LTE USB modem for Load-balance
- Web Content Filter support keywords, URL and http/https content filtering
- Inbound & Outbound Load-balance
- Built-in PPPoE Server, Web Portal System



Vigor2960

- Gigabit Ethernet Broadband VPN Router with 200 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem for Load-balance
- Web Content Filter support keywords, URL and http/https content filtering
- High SSL VPN performance
- Built-in PPPoE Server, Web Portal System

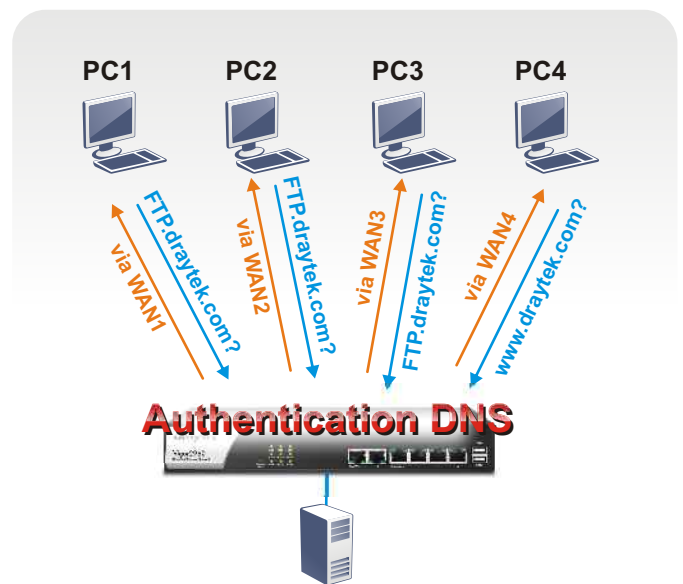
Integrated PPPoE Server



Customer Portal



Inbound Load Balance



500 hosts

Vigor3900

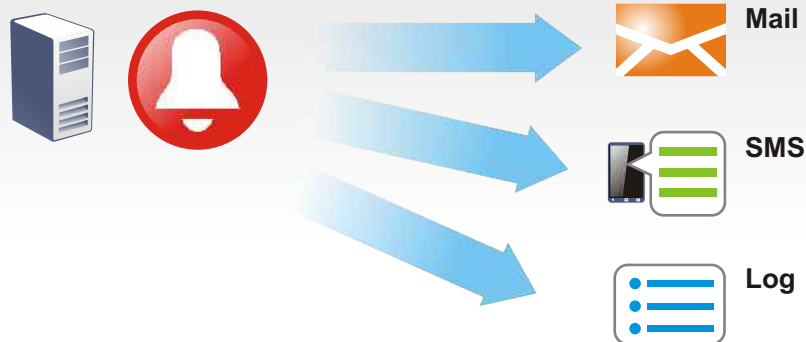
- Gigabit Fiber VPN Router with 500 VPN tunnels (PPTP/L2TP/IPsec)
- Support DUAL 3G/LTE USB modem for Load-balance
- Web Content Filter support keywords, URL and http/https content filtering
- VPN Concentrator
- Built-in PPPoE Server, Web Portal System



Web-based & Centralized

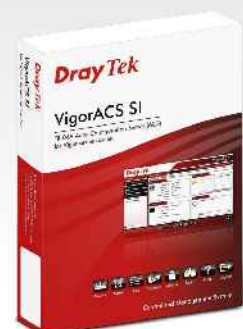


Alarm System

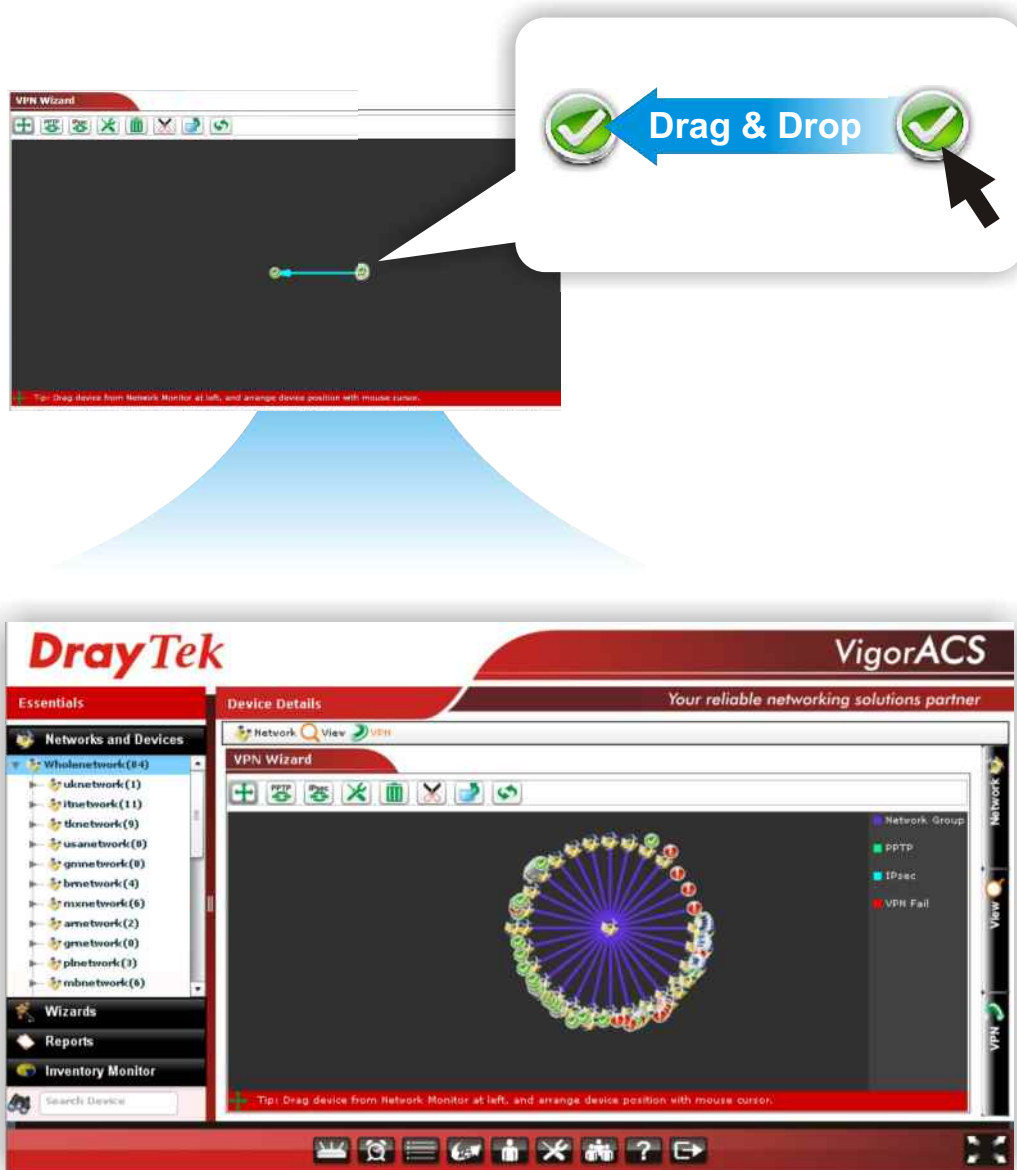


VigorACS SI

- Self-hosted or Cloud-hosted Service System
- TR-069 based Auto Configuration Server
- Automated Drag & Drop feature for VPN Connections
- Locations shown on Google Map
- Alarm Records

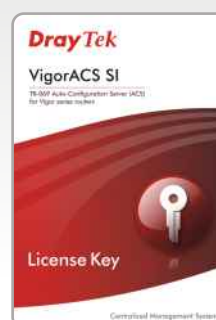


Drag & Drop VPN Network



License Key

- Pay as you go
- Flexible Service Strategy
- Per year license key for 20 ~ 5000 nodes



Capability

16

Vigor3900



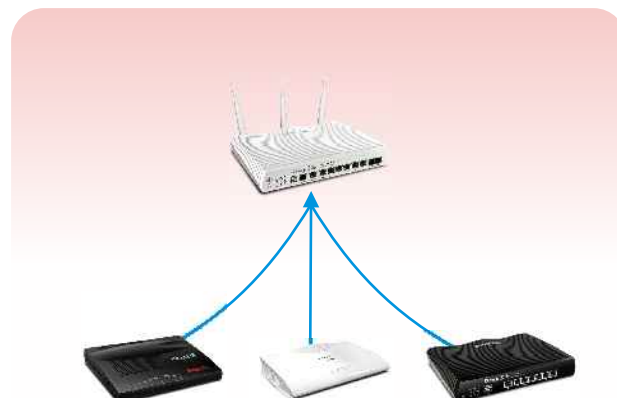
12

Vigor2960

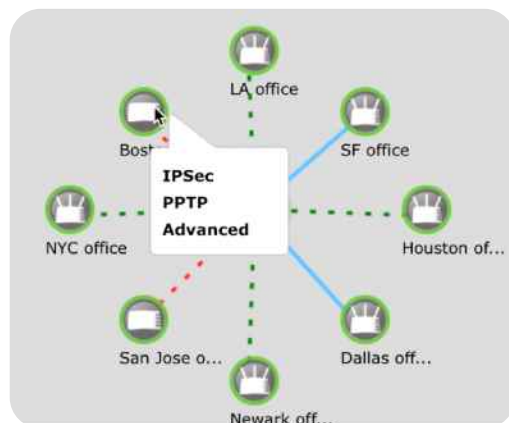


8

Vigor2860/2925 series



One Click VPN



One Click

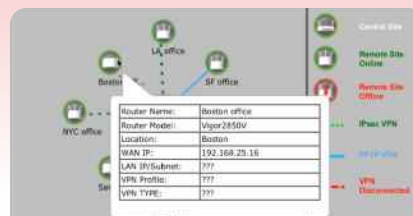
Central VPN Management

External
Device
Management
System

Device Management

Device Maintenance

Configuration
F/W



VPN	Type	Remote IP	Virtual Network	To Pkts	To Rate/Sec	Rx Pkts	Rx Rate/Sec	App
1	PPTP	192.168.25.15	192.168.25.15	0	0	0	0	0:00:00
2	PPTP	192.168.25.16	192.168.25.16	0	0	0	0	0:00:00
3	PPTP	192.168.25.17	192.168.25.17	0	0	0	0	0:00:00
4	PPTP	192.168.25.18	192.168.25.18	0	0	0	0	0:00:00

Server

Vigor2860/2860ac series



Vigor2925/2925ac series



Client

VigorAP 810



VigorAP 900



VigorAP 910C



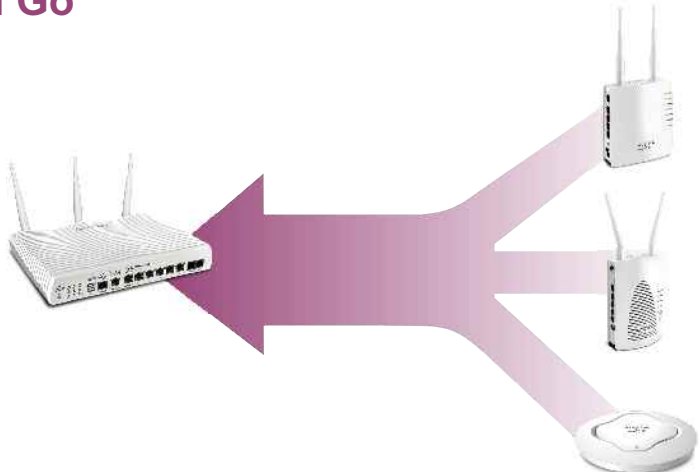
Port List

Central AP Management

Plug'n Go

Maintenance

Plug'n Go



AP Load Balance (Traffic overload)

Traffic: 50Mbps
(Traffic overload)



Traffic Limit: 50M

Traffic: 30Mbps



Traffic Limit: 50M

Traffic: 50Mbps
(Traffic overload)



Traffic Limit: 50M

Traffic: 30Mbps

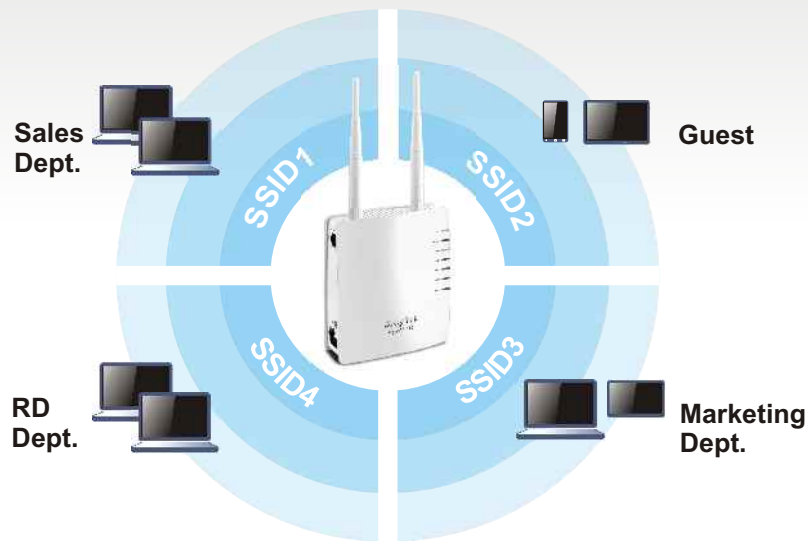


Traffic Limit: 50M

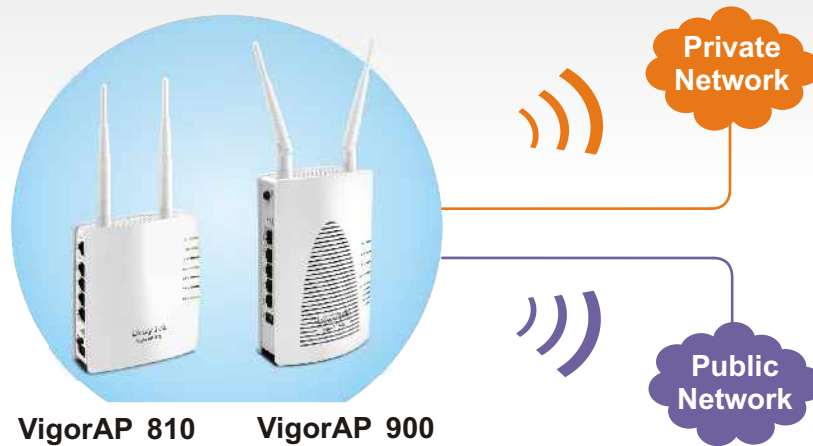
Note:
AP with the same
SSID and security
is the same entry
in scan list.



Multiple SSID



Multiple LAN



2.4G

VigorAP 710

- 11b/g/n, 300Mbps @2.4G with 2x2 MIMO
- 1x Fast Ethernet port
- Support Wireless VLAN
- Various operation Mode: AP/WDS-Bridge & Repeater/Universal Repeater

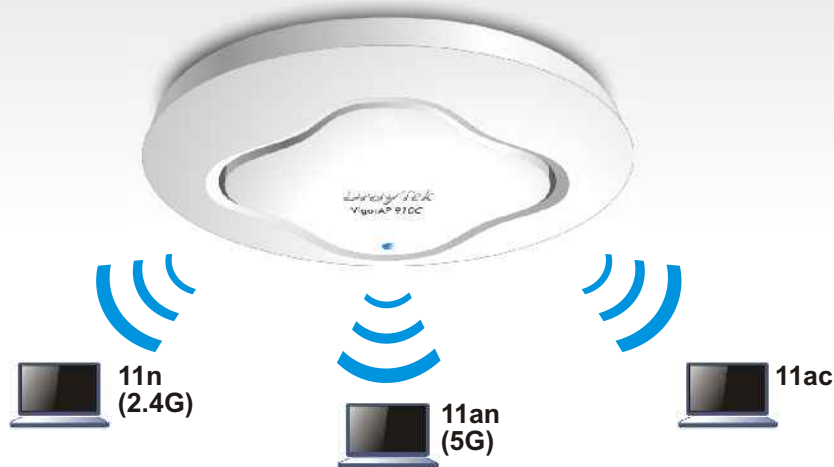


VigorAP 810

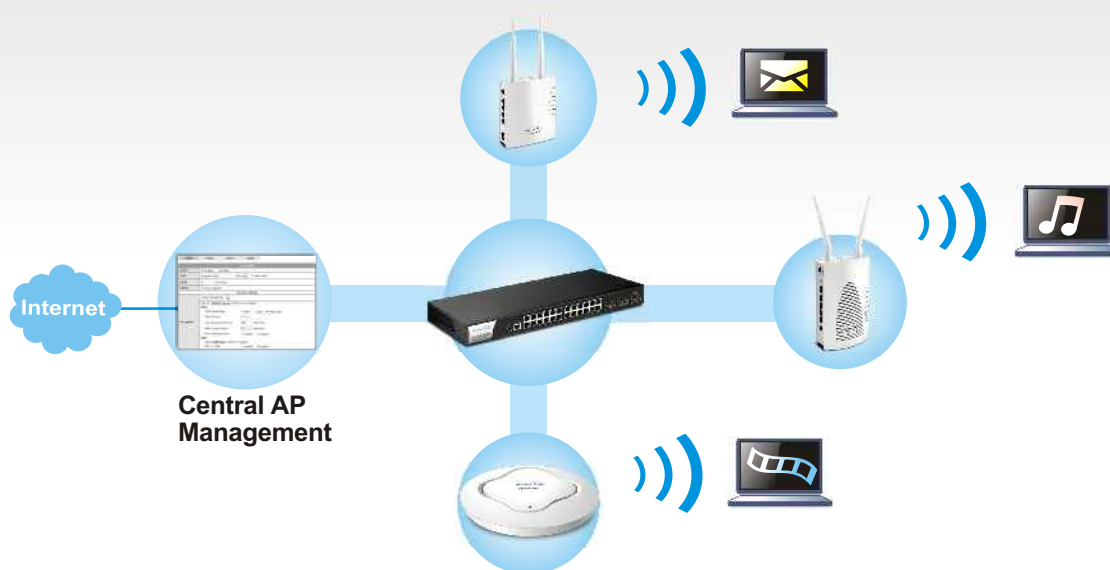
- 11b/g/n, 300Mbps @2.4G with 2x2 MIMO
- 5x Fast Ethernet port
- Support PoE-PD
- Support Wireless VLAN
- Various operation Mode: AP/WDS-Bridge & Repeater/Universal Repeater
- Built-in RADIUS server
- Compliance with Vigor Central AP Management



Triple Access



Flexible Application



2.4G/5G

VigorAP 900

- 11a/b/g/n, 300Mbps @2.4G& 5G with 2x2 MIMO
- 5x Gigabit Ethernet port
- Support PoE-PD
- Support Wireless VLAN
- Various operation Mode: AP/WDS-Bridge & Repeater/Universal Repeater
- Built-in RADIUS server
- Compliance with Vigor Central AP Management



11ac

VigorAP 910C

- 11a/b/g/n, 300Mbps @2.4G& 5G with 2x2 MIMO
- 11ac, 866Mbps
- 1x Gigabit Ethernet port
- Support PoE-PD
- Support Wireless VLAN
- Various operation Mode: AP/WDS-Bridge & Repeater/Universal Repeater
- Built-in RADIUS server
- Compliance with Vigor Central AP Management



Vigor Router



Layer 2 Management

VigorSwitch P2261



- 24 x 10/100/1000 Base-T + 2 x 100/1000 SFP Port
- IPv4 & IPv6 support for management
- Support 802.1q/p
- Up to 13 Trunking Groups
- Support Dual Image
- Support 802.3at+802.3af total 250w
- Energy Efficient Ethernet Task Force (IEEE802.3az)
- Support ACL, IP Source Guard, RADIUS/TACACS+ authentication

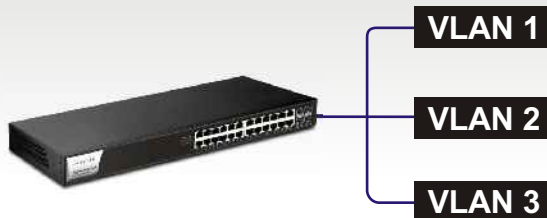
VigorSwitch G2260



- 24 x 10/100/1000 Base-T + 2 x 100/1000 SFP Port
- IPv4 & IPv6 support for management
- Support 802.1q/p
- Up to 13 Trunking Groups
- Support Dual Image
- Support sFlow
- Energy Efficient Ethernet Task Force (IEEE802.3az)
- Support ACL, IP Source Guard, RADIUS/TACACS+ authentication

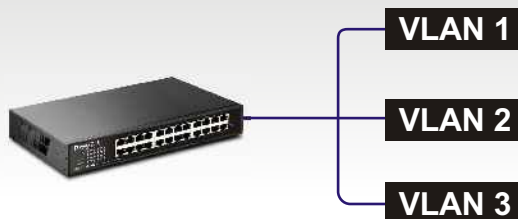
Web smart Management

VigorSwitch G1260



- 20 x 10/100/1000 Base-T and 4 x 100/1000 SFP Port
- Up to 12 Trunking Groups
- Support Dual Image
- Energy Efficient Ethernet Task Force (IEEE802.3az)
- Support SNMPv1/v2c, IGMP Snooping, Port Mirroring

VigorSwitch G1241



- 24 x 10/100/1000 Base-T
- Support IPv4 & IPv6 for management
- Up to 8 Trunking Groups
- Energy Efficient Ethernet Task Force (IEEE802.3az)
- Support SNMPv1/v2c, IGMP Snooping, Port Mirroring

Non-management PoE

VigorSwitch P1090



- 8 x 10/100/1000 Base-Tx
- Support IEEE 802.3x Flow Control
- Support 802.3af/at Max. 150w
- Support Loop Detection

VigorAP PoE Series

VigorAP 810



VigorAP 900



VigorAP 910C



IPPBX Series



- 1x ADSL/VDSL + 1x Gigabit Ethernet WAN
- 2x FXO
- 50 SIP Extension
- 12 SIP Trunk for ITSP registration
- 8 Custom Trunk for ATA gateway
- 32 PPTP/L2TP/IPsec and 16 SSL VPN Tunnels
- Intelligent VoIP Call QoS (reserved 88kbps per call)
- FAX to E-mail

Fiber

Vigor2132FVn



- 1 x 100/1000 SFP Slot
- 4 x 10/100/1000 Base-Tx Ethernet LAN
- 2 x FXS Port
- 11n @300Mbps with 2 detachable Antenna
- 4 x Wireless Name (SSID) and Guest Wi-Fi LAN
- 12 SIP Registrars, (G.729 A/B, G.711, G.723.1, G.726)
- 2 PPTP/L2TP/IPsec VPN Tunnels
- IPv4 & IPv6 Ready
- Bandwidth Management (Session, Bandwidth and QoS)

Vigor2925Fn



- 1 x 100/1000 SFP Slot + 1 x Gigabit Ethernet WAN
- 4 x 10/100/1000 Base-Tx Ethernet LAN
- 11n @300Mbps with 2 detachable Antenna
- 4 x Wireless Name (SSID) and Guest Wi-Fi LAN
- 50 PPTP/L2TP/IPsec VPN Tunnels
- 16 SSL VPN Tunnels
- IPv4 & IPv6 Ready
- Bandwidth Management (Session, Bandwidth and QoS)

Antenna Series



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

DrayTek Rack-mount Plate

The metal rack-mount plate is designed for sustaining the device of Vigor2860/Vigor2925 series inside the 19-inch cabinet.



Single-WAN

xDSL Broadband	Vigor130	Vigor2760 series			Vigor2120 series		Vigor2912 series	
	130	2760	2760n	2760Vn	2120	2120n-plus	2912	2912n
Description	A/VDSL Modem	ADSL/VDSL Router			Security Router		VPN Router	
NAT Sessions	10,000	30,000			30,000		30,000	
USB Port		2 x USB 2.0			1 x USB 2.0		1 x USB 2.0	
WAN								
WAN Type	1 x A/VDSL	1 x A/VDSL or Ethernet (Port 4)			1 x GbE		1 x FE + 1 USB-WAN	
Load Balance/Fail-over		Fail-over			Fail-over		Outbound Load Balance	
LAN								
Ethernet	1 x GbE	4 x GbE (Port 4 is configureable as WAN)			4 x GbE		4 x FE (Port 1 is configureable as WAN)	
Multiple Subnet		2					2	
WLAN								
Wireless			11b/g/n			11a/b/g/n		11b/g/n
MIMO			2 x 2			2 x 2		2 x 2
Security			WEP/WPA/WPA2/802.1x			WEP/WPA/ WPA2/802.1x		WEP/WPA/ WPA2/802.1x
Antennas			2 Detachable			2 Detachable		2 Detachable
VPN								
VPN Tunnels		2			2		16	
SSL VPN Tunnels		2			2			
VPN Backup							Yes	
VPN Trunking								
CSM								
APP Enforcement		Yes			Yes		Yes	
URL & Keywords Filter	Yes	Yes			Yes		Yes	
Web Content Filter		Yes			Yes		Yes	
DNS Filter		Yes			Yes		Yes	
VoIP								
Phone Ports (FXS)				2				
PSTN Ports (Life Line)				1				
Secure VoIP				Yes				
Routing								
Static Route		Yes			Yes		Yes	
Policy Route		Yes			Yes		Yes	
RIP		Yes			Yes		Yes	
Smart Monitor							30	

Access Point

	VigorAP 710	VigorAP 810	VigorAP 900	VigorAP 910C
Description	Wireless AP	PoE AP	PoE AP	Ceiling PoE AP
USB Port		1	1	
Wireless Speed	300Mbps @ 2.4G	300Mbps @ 2.4G	300Mbps @ 2.4G/5G	300Mbps @ 2.4G/5G 866Mbps @ 11ac
LAN				
Ethernet	1 x FE	4 x FE + 1 x PoE-PD	4 x GbE + 1 x PoE-PD	1 x GbE with PoE-PD
Multiple Subnet		2	2	
VLAN (tag-based)		Yes	Yes	
WLAN				
Wireless	11b/g/n	11b/g/n	11a/b/g/n	11a/b/g/n/ac
MIMO	2 x 2	2 x 2	2 x 2	2 x 2
Security	WEP/WPA/WPA2/802.1x	WEP/WPA/WPA2/802.1x	WEP/WPA/WPA2/802.1x	WEP/WPA/WPA2/802.1x
Antennas	2	2	2	4 (Hidden)
Multiple SSID	4	4	4@2.4G 4@5G	4@2.4G 4@5G/ac
VLAN (tag-based)	Yes	Yes	Yes	Yes
Mode				
AP	Yes	Yes	Yes	Yes
Station	Yes	Yes	Yes	Yes
Universal Repeater	Yes	Yes	Yes	Yes
WDS Bridge/Repeater	Yes	Yes	Yes	Yes
APM				
Firmware Upgrade		Yes	Yes	Yes
Configuration Backup		Yes	Yes	Yes
Auto Provision		Yes	Yes	Yes
AP Load Balance		Yes	Yes	Yes
Built-in RADIUS		Yes	Yes	Yes
USB Temperature Meter		Yes	Yes	
PMK Caching		Yes	Yes	Yes

Multi-WAN

■ xDSL

■ Broadband

xDSL Broadband	Vigor2860 series				Vigor2860ac series	
	2860	2860n	2860n-plus	2860Vn-plus	2860ac	2860Vac
Description	A/VDSL Modem Router				A/VDSL Modem Router	
NAT Sessions	50,000				50,000	
USB Port	2 x USB 2.0				2 x USB 2.0	
WAN						
WAN Type	1 x A/VDSL + 1 x RJ-45 + 2 x USB for 3G/LTE Dongle				1 x A/VDSL + 1 x RJ-45 + 2 x USB for 3G/LTE Dongle	
Load Balance/Fail-over	Outbound Load Balance				Outbound Load Balance	
LAN						
Ethernet	6 x GbE				6 x GbE	
Multiple Subnet	6				6	
WLAN						
Wireless		11b/g/n	11a/b/g/n		11a/b/g/n/ac	
MIMO		2 x 2			2 x 2 (ac 3 x 3)	
Security		WEP/WPA/WPA2/802.1x			WEP/WPA/WPA2/802.1x	
Antennas		2 Detachable	3 Detachable		3 Detachable	
VPN						
VPN Tunnels	32				32	
SSL VPN Tunnels	16				16	
VPN Backup	Yes				Yes	
VPN Trunking	Yes				Yes	
CSM						
APP Enforcement	Yes				Yes	
URL & Keywords Filter	Yes				Yes	
Web Content Filter	Yes				Yes	
DNS Filter	Yes				Yes	
VoIP						
Phone Ports (FXS)				2		2
PSTN Ports (Life Line)				1		1
Secure VoIP				Yes		Yes
Routing						
Static Route	Yes				Yes	
Policy Route	Yes				Yes	
RIP	Yes				Yes	
Smart Monitor	30				30	

Vigor2925 series				Vigor2925ac series	
2925	2925n	2925n-plus	2925Vn-plus	2925ac	2925Vac
Firewall & VPN Router				Firewall & VPN Router	
50,000				50,000	
2 x USB 2.0				2 x USB 2.0	
1 x GbE + 1 x RJ-45 + 2 x USB for 3G/LTE Dongle				1 x GbE + 1 x RJ-45 + 2 x USB for 3G/LTE Dongle	
Outbound Load Balance				Outbound Load Balance	
5 x GbE				5 x GbE	
5				5	
	11b/g/n	11a/b/g/n		11a/b/g/n/ac	
	2 x 2			2 x 2 (ac 3 x 3)	
	WEP/WPA/WPA2/802.1x			WEP/WPA/WPA2/802.1x	
	2 Detachable	3 Detachable		3 Detachable	
50				50	
25				25	
Yes				Yes	
Yes				Yes	
Yes				Yes	
Yes				Yes	
Yes				Yes	
Yes				Yes	
			2		2
			1		1
			Yes		Yes
Yes				Yes	
Yes				Yes	
Yes				Yes	
50				50	

Mid-size Business

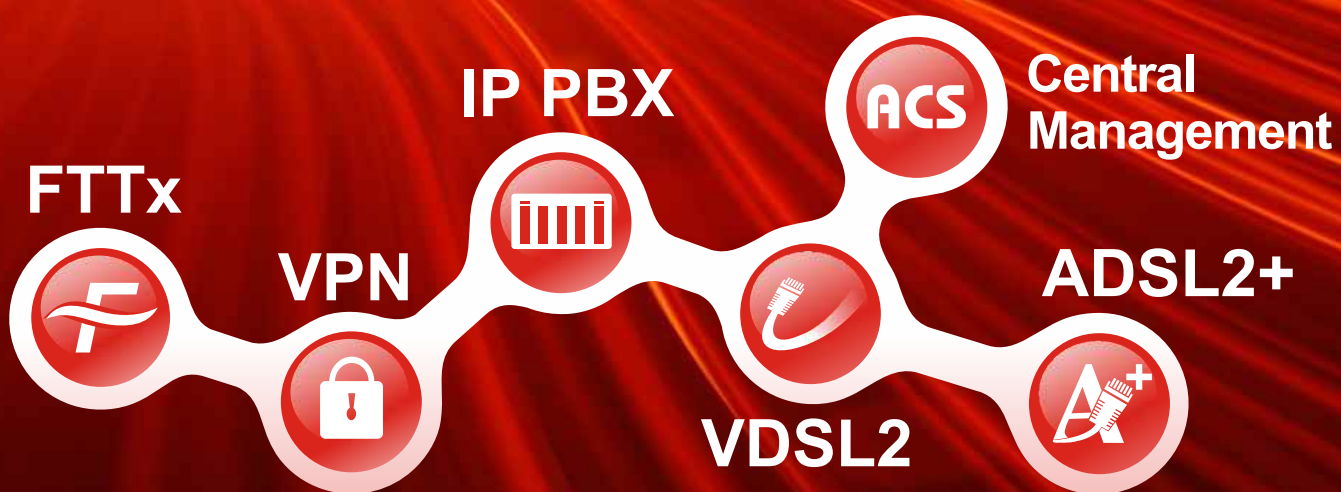
	Vigor300B	Vigor2960	Vigor3900
Description	Load Balance Router	VPN Concentrator	VPN Concentrator
NAT Sessions	100,000	80,000	120,000
USB Port	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
WAN			
WAN Type	4 x RJ-45 + 2 x USB for 3G/LTE Dongle	2 x RJ-45 + 2 x USB for 3G/LTE Dongle	4 x RJ-45 + 1 x SFP + 2 x USB for 3G/LTE Dongle
Load Balance/Fail-over	Inbound/Outbound Load Balance	Inbound/Outbound Load Balance	Inbound/Outbound Load Balance
LAN			
Ethernet	2 x GbE	4 x GbE	2 x GbE + 1 x SFP
Multiple Subnet	4	20	50
VPN			
VPN Tunnels		200	500
SSL VPN Tunnels		50	100
VPN Backup		Yes	Yes
VPN Trunking		Yes	Yes
CSM			
APP Enforcement	Yes	Yes	Yes
URL & Keywords Filter	Yes	Yes	Yes
Web Content Filter	Yes	Yes	Yes
DNS Filter	Yes	Yes	Yes
Routing			
Static Route	Yes	Yes	Yes
Policy Route	Yes	Yes	Yes
RIP	Yes	Yes	Yes
OSPF	Yes	Yes	Yes
BGP	Yes	Yes	Yes
Smart Monitor	100	200	500

Fiber Series

		Vigor2132FVn	Vigor2925Fn
Fiber Interface		1-SFP	1 Giga WAN + 1 SFP
Fiber Speed (Mbps)		100/1000	100/1000
WAN			
Load-Balance			✓
Fail-Over			✓
LAN		4 Giga Port	4 Giga Port
USB Port for Printer or 3.5G USB Modem or File System		Printer	Printer /3.5G USB Modem
Wireless		802.11n	802.11n
MAC Address Access Control		✓	✓
WEP / WPA / WPA2 Encryption		✓	✓
802.1X Authentication		✓	✓
Wireless LAN Isolation		✓	✓
Multiple SSID		✓	✓
Wireless Rate Control		✓	✓
AP Discovery		✓	✓
WDS		✓	✓
WMM		✓	✓
VoIP			
Protocol	SIP, RTP / RTCP	✓	
SIP Account		12	
FXS		2	
Codec	G.711, G.723.1, G.726, G.729	✓	
DSP Features	G.168 Line Echo-Cancellation	✓	
	Jitter Buffer (ms)	180ms	
	Caller ID	✓	
FAX / Modem Support	G.711 Pass-through	✓	
Supplemental Services	Call Hold / Retrieve / Waiting	✓	
	Call Waiting with Caller ID	✓	
	Call Forwarding (Always, Busy, No Answer)	✓	
	DND (Do not Disturb) / Hotline	✓	
	MWI (Message Waiting Indicator)	✓	
DTMF Tone	Inband, Outband (RFC-2833), SIP Info	✓	
DialPlan	Phone Book / Digit Map	✓	
	Call Barring	✓	
VPN			
Tunnel		2	50
Protocol	PPTP, L2TP, IPsec, L2TP over IPsec	✓	✓
Encryption	AES	✓	Hardware
	DES / 3DES	✓	Hardware
	MPPE	✓	✓
Authentication	MD5, SHA-1	✓	✓
IKE Authentication	Pre-shared Key	✓	✓
	Digital Signature	✓	✓
NAT-Traversal		✓	✓
DHCP over IPSec		✓	✓
VPN Backup			✓
VPN Load-Balance			✓
Bandwidth Management			
Policy-based QoS		✓	✓
Bandwidth / Session Limitation		✓	✓
Firewall			
Object-based Firewall		✓	✓
Policy-based IP Filter		✓	✓
DoS / DDoS Prevention		✓	✓
Bind IP to MAC Address		✓	✓
E-Mail Alert		✓	✓
CSM (Content Security Management)		✓	✓

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www.draytek.com

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

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