

## TZ Series

Unified Threat Management firewall

The Dell<sup>™</sup> SonicWALL<sup>™</sup> TZ Series is the most secure Unified Threat Management (UTM) firewall for small businesses, retail deployments, remote sites, branch offices and distributed enterprises. Unlike consumer-grade products, the TZ Series delivers the most effective anti-malware, intrusion prevention, content/URL filtering and application control capabilities along with the broadest most secure mobile platform support for laptops, smartphones and tablets. It provides full deep packet inspection (DPI) at very high performance levels, eliminating the network bottleneck that other products introduce, and enabling organizations to realize increased productivity gains. The TZ Series is the most secure, sophisticated and widely-deployed security platform on the market today.

Additionally, the Dell SonicWALL Application Intelligence and Control capabilities in the TZ 215 ensures that bandwidth is available for business-critical applications while throttling or blocking unproductive applications. The TZ 215 also offers advanced application traffic analytics and reporting for deep insight into bandwidth utilization and security threats.

The TZ Series includes additional advanced networking features such as IPSec and SSL VPN, multiple ISP failover, load balancing, optional integrated 802.11n wireless and network segmentation, and also enables PCI compliance. The TZ Series is the only available UTM firewall that provides native VPN remote access client for

Apple® iOS, Google® Android™, Windows, Mac OS and Linux. This unique client also supports Clean VPN™, which decontaminates threats from VPN traffic. Providing the most secure support for mobile platforms, only Dell SonicWALL delivers full malware scanning of SSL encrypted traffic and application control for Android and iOS devices.

The new TZ Series is an elegant integration of multiple point products, combined into a single solution providing value while reducing complexity.

## About Dell SonicWALL

Dell SonicWALL develops advanced intelligent network security and data protection solutions that adapt as organizations and threats evolve. Dell SonicWALL designs award-winning hardware, software and virtual-appliance solutions to detect and control applications and protect networks from intrusions and malware attacks. Dell SonicWALL is trusted by small businesses and large enterprises worldwide. Since 1991, it has shipped over two million appliances through its global network of channel partners to keep tens of millions of business computer users safe and in control of their data.



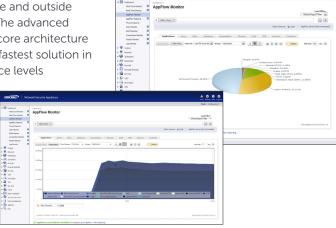
- Built on the proven security architecture of SonicOS, the TZ Series provides highly effective anti-malware and intrusion prevention to keep networks safe from sophisticated modern threats.
- Highly secure SSL VPN remote access is available natively for Apple iOS, Google Android, Windows, Mac OS and Linux based devices to unleash the potential of a mobile workforce.
- Dell SonicWALL content and URL filtering blocks multiple categories of objectionable web content to enable high workplace productivity and reduce legal liability.
- Easy to comprehend and quick to deploy, the graphical user interface in the TZ Series eliminates the choice between ease-of-use and power, driving down total cost of ownership.

## Dell SonicWALL architecture

The Dell SonicWALL TZ 205 and TZ 215 feature dual-core Cavium CPUs, which process parallel data streams simultaneously, increasing overall protection and performance. Dual-core technology offers superior performance, scalability, and energy efficiency when compared with network security platforms based on general-purpose processors with separate security co-processors, or Application-Specific Integrated Circuits (ASIC), which can't

keep up with evolving complex attacks in real time from both inside and outside the network perimeter. The advanced high performance dual-core architecture makes the TZ Series the fastest solution in its class, with performance levels

of up to 500 Mbps of stateful throughput, 110 Mbps deep packet inspection throughput and 130 Mbps 3DES or AES VPN throughput.



## SonicOS software

Dell SonicWALL's patented\* Reassembly-Free Deep Packet Inspection® (RFDPI) technology enables simultaneous, multi-threat and application scanning and analysis of unlimited files sizes and connections at extremely high speeds. This single code base is at the core of every Dell SonicWALL firewall, from the TZ 105 to the Dell SonicWALL SuperMassive E10800. The SuperMassive E10800 earned the coveted 'Recommend' rating in NSS Labs 2013 Next-Generation Firewall Security Value Map for the

second year in a row and Dell SonicWALL rates as one of the top vendors for security effectiveness. RFDPI is tightly integrated into the firewall platform, streamlining management of granular firewall policies, directly via the firewall interface or via the Dell SonicWALL Global Management System.

Organizations can choose from an sentire line of proven Dell SonicWALL firewalls with SonicOS, which massively scale to meet the needs of the highest performance networks.



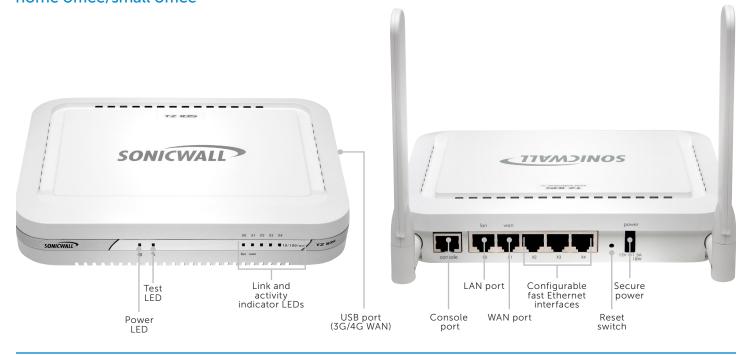
\*U.S. Patents 7,310,815; 7,600,257; 7,738,380; 7,835,361; 7,991,723

	TZ 105	TZ 205	TZ 215
Firewall overview			
Stateful Packet Inspection Firewall throughput	200 Mbps	500 Mbps	500 Mbps
IPS throughput	60 Mbps	80 Mbps	110 Mbps
GAV throughput	40 Mbps	60 Mbps	70 Mbps
VPN throughput	75 Mbps	100 Mbps	110 Mbps
Full DPI (UTM)	25 Mbps	40 Mbps	60 Mbps
Maximum UTM/DPI connections	8,000	12,000	32,000
Unlimited file size protection	•	•	•
Dual core processor Gigabit ethernet 802.11n support	•	•	•
Dual band 802.11 a/b/g/n support		•	•
Security services			
Intrusion protection*	•	•	•
Gateway Anti-Virus, Anti-Spyware and Cloud AV*	•	•	•
Content and URL Filtering (CFS)*	•	•	•
Enforced Client Anti-Virus and Anti-Spyware*	•	•	•
Application Intelligence and Control*			•
*A: - -			

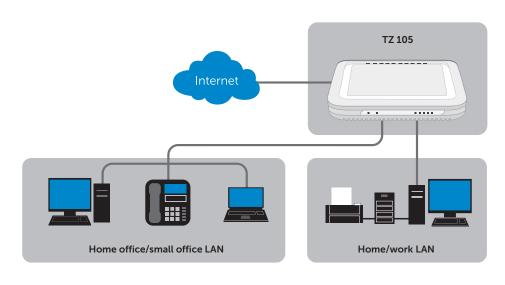
\*Available with subscription service



## Dell SonicWALL TZ 105 home office/small office



The new Dell SonicWALL TZ 105 is the most secure Unified Threat Management (UTM) firewall available for small offices, home offices and small retail deployments. Unlike consumer-grade products, the TZ 105 delivers the proven, most effective intrusion prevention, anti-malware and content/URL filtering, along with the broad mobile platform support for laptops, smartphones and tablets. It provides full deep packet inspection (DPI) at very high performance levels, eliminating the network bottleneck that other products introduce, and enabling organizations to realize increased productivity gains without the increased cost.



### Hardware description

TZ 105 TotalSecure 1-year
TZ 105 Wireless-N TotalSecure 1-year

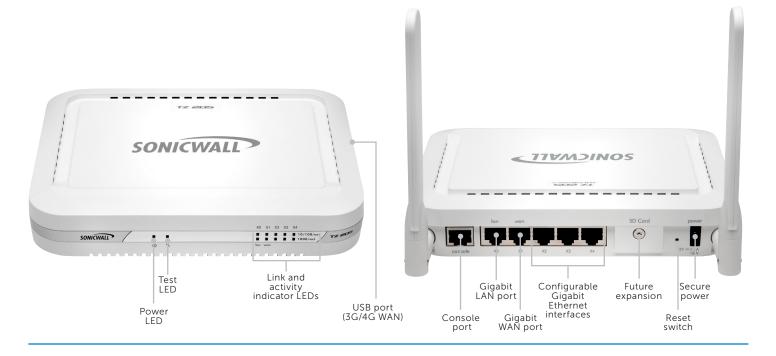
S	K	U	

01-SSC-4906 01-SSC-4908

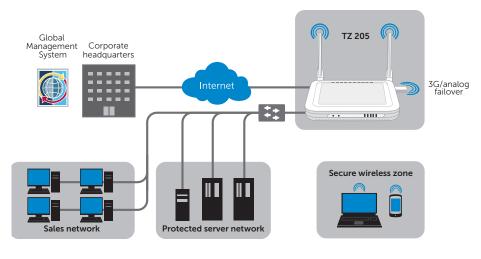
Service description	SKU
Comprehensive Gateway Security Suite 1-year	01-SSC-4877
Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-4844
Content/URL Filtering 1-year	01-SSC-4850
Comprehensive Anti-Spam Service 1-year	01-SSC-4871
8x5 Support 1-year	01-SSC-4856
24x7 Support 1-year	01-SSC-4862



## Dell SonicWALL TZ 205 small office/retail



Small businesses, retail deployments, government organizations, remote sites and branch offices can benefit from the powerful security and business-class performance of the new Dell SonicWALL TZ 205. Unlike consumer grade products, this powerful Unified Threat Management (UTM) firewall combines the most effective intrusion prevention, anti-malware and content/URL filtering with the broadest, most secure mobile platform support for laptops, smartphones and tablets. By providing full deep packet inspection (DPI) at very high performance levels, it eliminates the tradeoff between comprehensive security and performance.



Hardware description	SKU	Service description	SKU
TZ 205	01-SSC-6945	Comprehensive Gateway Security Suite 1-year	01-SSC-4838
TZ 205 Wireless-N	01-SSC-6947	Gateway Anti-Virus, Intrusion Prevention and Application	01-SSC-4799
TZ 205 TotalSecure 1-year	01-SSC-4890	Control 1-year	
TZ 205 Wireless-N TotalSecure 1-year	01-SSC-4892	Content/URL Filtering 1-year	01-SSC-4805
, , , , , , , , , , , , , , , , , , ,		Comprehensive Anti-Spam Service 1-year	01-SSC-4832
		8x5 support 1-year	01-SSC-4811
		24x7 support 1-year	01-SSC-4817

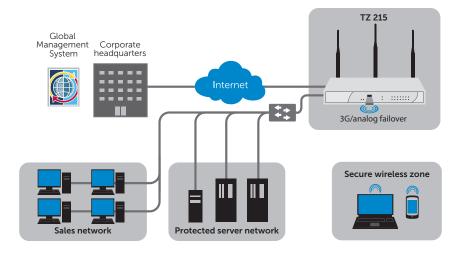


# Dell SonicWALL TZ 215 retail/branch office





The new Dell SonicWALL TZ 215 is the most secure, highest performance Unified Threat Management (UTM) firewall available for small businesses and branch offices. Designed for small businesses, distributed enterprises, branch offices and retail deployments, the TZ 215 integrates anti-malware, intrusion prevention, application control and URL filtering, driving down cost and complexity. It provides a dual-core architecture delivering full deep packet inspection (DPI) without diminishing network performance, thus eliminating bottlenecks that other products introduce, enabling businesses to realize increased productivity gains. The TZ 215 also provides application control to ensure bandwidth for critical applications, while throttling non-productive ones. Advanced networking features include multiple ISP failover and load balancing, optional dual-band secure wireless, IPSec VPN support, network segmentation and PCI compliance capabilities.



Hardware description	SKU	Service description	SKU
TZ 215	01-SSC-4976	Comprehensive Gateway Security Suite 1-year	01-SSC-4793
TZ 215 Wireless-N	01-SSC-4977	Gateway Anti-Virus, Intrusion Prevention, and Application	01-SSC-4757
TZ 215 TotalSecure 1-year	01-SSC-4982	Intelligence, Control and Visualization 1-year	
TZ 215 Wireless-N TotalSecure 1-year	01-SSC-4984	Content/URL Filtering 1-year	01-SSC-4763
		Comprehensive Anti-Spam Service 1-year	01-SSC-4787
		8x5 support 1-year	01-SSC-4769
		24x7 support 1-year	01-SSC-4775



## **Features**

Intrusion prevention	Description
Feature	Description
Signature-based scanning	Tightly integrated, signature-based intrusion prevention scans packet payloads for vulnerabilities and exploits that target critical internal systems.
Automatic signature updates	Dell SonicWALL's Research Team continuously updates and deploys an extensive list of IPS signatures that take immediate effect and do not require reboots or any other interruption in service.
Outbound threat prevention	The ability to inspect both inbound and outbound traffic ensures that the network will not unwittingly be used in Distributed Denial of Service attacks and will prevent any Command and Control Botnet communication.
Intra-zone IPS protection	Intrusion prevention can be deployed between internal security zones to protect sensitive servers and to prevent internal attacks.
VPN	
IPSec VPN for site- to-site connectivity	High-performance IPSec VPN allows the firewall to connect remote branch offices to a central location.
SSL VPN or IPSec client remote access	Utilize clientless SSL VPN technology or an easy-to-manage IPSec client for easy access to email, files, computers, intranet sites and applications from a variety of platforms.
Redundant VPN gateway	When using multiple WANs, a primary and secondary VPN can be configured to allow seamless automatic failover and failback of all VPN sessions.
Route-based VPN	The ability to perform dynamic routing over VPN links ensures continuous uptime in the event of a temporary VPN tunnel failure by seamlessly re-routing traffic between endpoints through alternate route
Clean VPN	Dell SonicWALL Clean VPN™ both secures the integrity of VPN access and decontaminates maliciou threats before they can enter the corporate network.
Gateway threat preventi	on
Gateway anti-malware	Dell SonicWALL's patented RFDPI engine scans all ports and protocols for viruses without file size or stream length limitation. SonicLabs Researchers constantly provide updated threat protection, providing faster response times and threat prevention.
Reassembly-Free Deep Packet (RFDPI)	Reassembly-Free Deep Packet Inspection keeps track of malware regardless of the order or inspection timingwith which the packets arrive. This allows for extremely low latency while eliminating file and stream size limitations. This provides greater performance and security than outdated proxy designs which reassemble contents using sockets bolted to traditional anti-virus programs and are plagued with inefficiencies and the overhead of memory thrashing leading to high latency, low performance and size limitations.
Cloud anti-virus	Using the built-in RFDI engine, Dell SonicWALL can leverage the power of the cloud to provide the most comprehensive set of anti-malware signatures available, while minimizing latency or delay. The Dell SonicWALL Cloud Anti-Virus Service provides millions of additional malware signatures for inspection of executable files using the most up-to-date information available.
Bi-directional Inspection	RFDPI can be performed on both inbound and outbound connections to provide protection in all networktraffic directions.
24x7 signature updates	SonicLabs Research Team team creates and updates signature databases that are propagated automatically to the firewalls in the field, with those signatures taking immediate effect without any reboot or service interruption required.
Firewall and networking	
Stateful packet inspection	All network traffic is inspected, analyzed and brought into compliance with firewall access policies.
DOS attack protection	SYN Flood protection provides defense against DOS attacks using both layer 3 SYN proxy and layer 2 SYN blacklisting technologies.
Flexible deployment	Can be deployed in traditional NAT and Layer 2 Bridge modes.
Policy-based routing	Create routes based on protocol to direct traffic to a preferred WAN connection with the ability to fail backto a secondary WAN in the event of an outage.
High availability	Supports Active/Passive failover to ensure increased reliability by protecting against hardware or software faults.
WAN load balancing	Load balance up to four WAN interfaces using Round Robin, Spillover or Percentage based methods.
WAN acceleration	WAN Acceleration decreases latency and increases transfer speeds between remote sites for even higher network efficiency gains.



### **Features**

VolP	
Feature	Description
Advanced QoS	Guarantee critical communications with 802.1p and DSCP tagging and remapping of VoIP traffic on the network.
DPI of VoIP traffic	Predefined signatures detect and block VoIP specific threats.
H.323 gatekeeper and SIP proxy support	Block spam calls by requiring that all incoming calls are authorized and authenticated by H.323 gatekeeper or SIP proxy.
Management and monit	toring
Web GUI	An intuitive web-based interface allows quick and convenient configuration in addition to management through Dell SonicWALL Global Management System (GMS®), or the CLI.
SNMP	SNMP provides the ability to protectively monitor and respond to threats and alerts.
Netflow/IPFIX	Export an extended set of data through IPFIX or NetFlow protocols for granular insight into application traffic, bandwidth utilization and security threats in addition to powerful troubleshooting and forensics capabilities. Compatible with Dell SonicWALL Scrutinizer and third-party monitoring and reporting applications. (TZ 215 only)
Centralized policy management	With Dell SonicWALL GMS, monitor, configure and report on multiple Dell SonicWALL appliances from a single intuitive interface and customize your security environment to suit your individual policies.
Application intelligence	and control
Application control	Identify and control applications or individual components of an application based on RFDPI technology instead of relying on well-known ports and protocols.
Application bandwidth management	Allocate bandwidth to critical applications while throttling unproductive application traffic for an efficient and productive network.
Custom application identification	Create and configure custom application identification based on traffic parameters or on patterns unique to an application in its network communications.
Application traffic analytics	Provides organizations with granular insight into application traffic, bandwidth utilization and security in addition to powerful troubleshooting and forensics capabilities. (TZ 215 only)
Application signature database	A continuously expanding database of over 3,500 application signatures ensures that administrators are able to control the usage of all the latest applications on their network at a category or individual level.
User activity tracking	User identification is seamlessly integrated with Microsoft® Active Directory and other authentication systems enabling tracking and reporting of individual user identification.
GeoIP country traffic identification	Identify and control network traffic going to or coming from specific countries. (TZ 215 only)

## Firewall and networking

## Firewall

- Reassembly-Free Deep Packet Inspection
- Stateful packet inspection
- DOS attack protection
- TCP reassembly
- Stealth mode

### Application control

- Application control
- Application component blocking
- Application bandwidth management
- Custom application signature creation
- AppFlow visualization
- Data leakage prevention
- IPFIX with extensions reporting
- User activity tracking
- GeoIP country traffic identification
- Comprehensive application signature database

## Intrusion prevention

- Signature-based scanning
- Automatic signature updates
- Outbound threat prevention
- IPS exclusion list

- Hyperlinked log messages
- Unified CFS and app control with bandwidth throttling

#### Anti-malware

- Stream-based malware scanning
- Gateway anti-virus
- Gateway anti-spywareCloud Anti-Virus Service

#### VoIP

- Advanced QoSBandwidth management
- DPI of VoIP traffic
- Full Interoperability
- H.323 gatekeeper and SIP proxy support

## Networking

- Dynamic routing
- Policy-based routing
- Advanced NAT
- Bandwidth management
- Link aggregation
- Port redundancy
- DHCP server
- High availability

- IPv6 supported
- Load balancing

## Management and monitoring

- Web GUI
- Command line interface
- SNMP
- Analyzer reporting
- Scrutinizer reporting
   GMS policy management and reporting
   Logging
- Netflow/IPFix
- App visualization
- Centralized policy management
- Single sign-on
- Terminal service/Citrix support

#### Security services

- Intrusion Prevention ServiceGateway Anti-Malware Service
- Content Filtering Service
- Enforced Client Anti-Virus and Anti-Spyware Service – McAfee®
- Application Intelligence, Control and Visualization Service



## **Specifications**

	TZ 105 Series	TZ 205 Series	TZ 215 Series
SonicOS version		SonicOS 5.8.1 and later	
Stateful throughput <sup>1</sup>	200 Mbps	500 Mbps	500 Mbps
PS throughput <sup>2</sup>	60 Mbps	80 Mbps	110 Mbps
GAV throughput <sup>2</sup>	40 Mbps	60 Mbps	70 Mbps
UTM throughput <sup>2</sup>	25 Mbps	40 Mbps	60 Mbps
Maximum connections <sup>3</sup>	8,000	12,000	48,000
Maximum UTM/DPI connections	8,000 1,000	1,500	32,000 1,800
New connections/sec Nodes supported	1,000	Unrestricted	1,800
Denial of service attack protection		22 classes of DoS, DDoS and scanning attacks	
SonicPoints supported	1	2	16
VPN	1		10
3DES/AES throughput <sup>4</sup>	75 Mbps	100 Mbps	130 Mbps
Site-to-site VPN tunnels	75 Mbps 5	10	20
Bundled GVC licenses (maximum)	0 (5)	2 (10)	2 (25)
Bundled SSL VPN licenses (maximum)	1 (5)	1 (10)	2 (10)
Encryption/Authentication/DH Group		ES (128, 142, 256-bit), MD5, SHA-1, SHA-2/DH Gr	
Virtual assist bundled (maximum)	_	1 (30-day trial)	2 (30-day trial)
Key exchange	IKE	E, Manual Key, Certificates (X.509), L2TP over IPS	
Certificate support		Keon, Entrust and Microsoft CA for Dell SonicWA	
/PN features		Over VPN, IPSec NAT Traversal, Redundant VPN	
Global VPN client platforms supported	Micros	oft® Windows XP, Vista 32/64-bit, Windows 7 32/	64-bit
SSL VPN platforms	Microsoft Windows XP/Vist	ta 32/64-bit/Windows 7, Mac OSX 10.4+, Linux FC	C3+/Ubuntu 7+/OpenSUSE
Mobile Connect platform supported	Apple	e® iOS 4.2 or higher, Google® Android™ 4.0 or hi	gher
Security services			
Deep Packet Inspection services	Gateway Anti-Virus, Anti-	Spyware, Intrusion Prevention, Application Intelli	gence and Control (TZ 215 only)
Content Filtering Service (CFS)	HTTP URL, HTTPS IP, ke	eyword and content scanning, ActiveX, Java Appl	et, and cookie blocking
	bandwid	th management on filtering categories, allow/for	rbid lists
Enforced Client Anti-Virus and Anti-Spyware		McAfee®	
Comprehensive Anti-Spam Service <sup>6</sup>		Supported	
Application Intelligence and Control	Applicatio	on control	Application Traffic Visualization and Advanced Application Control
Networking			Advanced Application Control
	CLUL IDUCT F	DD. F. LOTD I DDTD . I'	DUCE
IP address assignment NAT modes		PPPOE, L2TP and PPTP client), Internal DHCP serv	
VLANS	5, PortShield	<ol> <li>many:many, flexible NAT (overlapping IPs), PAT, 10, PortShield</li> </ol>	20, PortShield
DHCP	5, FOItSilleta	Internal server, relay	Zu, FortSilleta
Routing	OSPE	RIP v1/v2, static routes, policy-based routing, mu	lticast
Authentication		irectory, SSO, LDAP, Novell, internal user databas	
Local user database	7/10 TH/10/1005, FERRE 51	150 users	c, reminde services, citrix
VoIP	Full H 323v1-5 SIP gat	ekeeper support, outbound bandwidth managen	nent VoIP over WLAN
		full interoperability with most VoIP gateway and	
System			
Zone security		Yes	
Schedules		Yes	
Schedules Object-based/group-based management		Yes Yes	
	Dynamic DNS pr		id changeip.com
Object-based/group-based management		Yes	
Object-based/group-based management DDNS	Local CLI, Web GUI (H Analyzer, Scrutinizer, C	Yes oviders include: dyndns.org, yi.org, no-ip.com ar ITTP, HTTPS), SNMP v3; Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX
Object-based/group-based management DDNS Management and monitoring Logging and reporting	Local CLI, Web GUI (H Analyzer, Scrutinizer, C	Yes oviders include: dyndns.org, yi.org, no-ip.com ar TP, HTTPS), SNMP V3; Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov ttensions (TZ 215), Real-time Visualization (TZ 21	I Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only)
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex —	Yes oviders include: dyndns org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only) Active/Passive
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex —	Yes  oviders include: dyndns.org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3; Global management with IMS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only) Active/Passive
Object-based/group-based management DDNS  Management and monitoring Logging and reporting  Hardware failover Anti-spam Load balancing	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex — RBL support, Allowed/Blc	Yes  voiders include: dyndns. org., yi. org., no-ip. com ar  TTP, HTTPS), SNMP v3; Global management with  SMS, Local Log. Syslog, Solera Networks, NetFlox  tensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only) Active/Passive sive Anti-Spam Service <sup>6</sup>
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex — RBL support, Allowed/Blc	viders include: dyndns org, yi. org, no-ip, com ar TTP, HTTPS), SNMP v3. Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov teensions (T2 215), Real-time Visualization (T2 21 Active/Passion ocked Lists, Optional Dell SonicWALL Compreher Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only) Active/Passive sive Anti-Spam Service <sup>6</sup>
Object-based/group-based management DDNS Management and monitoring Loggling and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support?	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex — RBL support, Allowed/Blc	Yes  voiders include: dyndns. org., yi. org., no-ip. com ar  TTP, HTTPS), SNMP v3; Global management with  SMS, Local Log. Syslog, Solera Networks, NetFlox  tensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming	Dell SonicWALL GMS v v5/v9 (TZ 215), IPFIX 5 only) Active/Passive sive Anti-Spam Service <sup>6</sup>
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN	Local CLI, Web GUI (H Analyzer, Scrutinizer, With Ex — RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP,	Yes  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3; Global management with  SMS, Local Log, Syslog, Solera Networks, NetFlov  tensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX S only) Active/Passive Insive Anti-Spam Service L2TP, PPTP, RADIUS, IEEE 802.3
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards MAN acceleration support? Mailt-in wireless LAN Standards	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Es  - RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n	viders include: dyndns org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3: Global management with 3MS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Compreher Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances	Dell SonicWALL GMS  v/S/v9 (TZ 215), IPFIX  S only  Active/Passive  nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Es  - RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n	viders include: dyndns.org, yi.org, no-ip.com an TTP, HTTPS), SNMP v3, Global management with GMS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Compreher Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11, TKIP, PSK, 02.1x, EAP-PEAP, E/	Dell SonicWALL GMS  v/S/v9 (TZ 215), IPFIX  S only  Active/Passive  nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs)	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W	oviders include: dyndns.org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov tensions (T2 215), Real-time Visualization (T2 21 Active/Passive bocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMPIKE, SNMP, DHCP, PPPoE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11; TKIP, PSK, O2.1x, EAP-PEAP, E/ Up to 8	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX S only)  Active/Passive nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) AP-TTLS)
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wircless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antennas	Local CLI, Web GUI (H Analyzer, Scrutinizer, G with Ex  - RBL support, Allowed/Blc TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W Double: detachable, external	viders include: dyndns org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3: Global management with SMS, Local Log, Syslog, Solera Networks, NetFlov tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive Discoultsts, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK. 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal	Dell SonicWALL GMS vs/s/9 (TZ 215), IPFIX Sonly Active/Passive Insive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) P-TTLS) Triple: detachable, external
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W	ves  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3, Global management with  GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11, TKIP, PSK,02.1x, EAP-PEAP, E/  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d	Dell SonicWALL GMS  vv5/v9 (TZ 215), IPFIX  S only  Active/Passive  Insive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11a/802.11g/802.11n Radio power-802.11a/802.11g/802.11n	Local CLI, Web GUI (H Analyzer, Scrutinizer, G with Ex  - RBL support, Allowed/Blc TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W Double: detachable, external	viders include: dyndns. org, yi. org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management with GMS, Local Log, Syslog, Solera Networks, NetFlov tensions (T2 215), Real-time Visualization (T2 21 Active/Passive bocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x.3) PA, WPA2, 802.11, TKIP, PSK, O2.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/171	Dell SonicWALL GMS vs/s/9 (TZ 215), IPFIX Sonly Active/Passive Insive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) P-TTLS) Triple: detachable, external
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Bitandards Wireless security standards Wirelas security standards Wirtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11n (2.4GHz)/802.11n (5.0GHz)	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps	vyes  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  SMS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  Ocked Lists, Optional Dell SonicWALL Comprehe  Yes, Outpoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x.3)  PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  19.5 dBm max/18 dBm max/17 d  19.5 dBm max/18 dBm max/17 d	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX 5 only)  Active/Passive nsive Anti-Spam Service <sup>6</sup> L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11p/802.11g/802.11n Radio power-802.11n (2.4GHz)/802.11n (5.0GHz) Radio power-802.11n (2.4GHz)/802.11n (5.0GHz) Radio power-802.11n (2.4GHz)/802.11n (5.0GHz) Radio power-802.11n (1.24GHz)/802.11n (5.0GHz) Radio power-802.11n (1.24GHz)/802.11n (5.0GHz) Radio power-802.11n (1.24GHz)/802.11n (5.0GHz)	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex  RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @64 Mbps  -74 dBm @64 Mbps	ves  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  3MS, Local Log, Syslog, Solera Networks, NetFlow tetensions (TZ 215), Real-time visualization (TZ 21  Active/Passive  Active/Passive  Active/Passive  Active/Passive  Necked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, O2.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/13 dBm max/17 d  19 dBm MCS 0, -81 dBm /s -95 dBm MCS 0, -81 dBm /s -91 dBm @ MBps, -9	Dell SonicWALL GMS v v s/v9 (TZ 215), IPFIX v only) Active/Passive nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) P-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps MCS 15/-90 dBm @ 11Mbps/ -74 dBm @ C5 Mbps/
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11a/802.11g/802.11n Radio power-802.11a/802.11b/802.11n (5.0GHz) Radio receive sensitivity— Radio receive sensitivity— Radio receive sensitivity—	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex — RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15 –90 dBm @ 11Mbps/-91 dBm @ 6 Mbps,	Ves  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3, Global management with  GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.111, TKIP, PSK, 02.1x, EAP-PEAP, E/  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  19.dBm MCS 0, -81 dBm /  -95 dBm MCS 0, -81 dBm /  -91 dBm @ 6Mbps,  -89 dBm @ 6Mbps,	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX Sonly)  Active/Passive sisve Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  PP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps I/17 dBm MCS 0, 12 dBm MCS 15 CKS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11a/802.11b/802.11n (8.0GHz) Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.41b/802.11g Radio receive sensitivity- 802.11a/802.41b/802.11g Radio receive sensitivity- 802.11a/802.41d,60.21d	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex  RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @64 Mbps  -74 dBm @64 Mbps	Ves  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3, Global management with  GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.111, TKIP, PSK, 02.1x, EAP-PEAP, E/  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  19.dBm MCS 0, -81 dBm /  -95 dBm MCS 0, -81 dBm /  -91 dBm @ 6Mbps,  -89 dBm @ 6Mbps,	Dell SonicWALL GMS v v s/v9 (TZ 215), IPFIX v only) Active/Passive nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3) P-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps MCS 15/-90 dBm @ 11Mbps/ -74 dBm @ C5 Mbps/
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11b/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/80.21tb/802.11g Radio receive sensitivity- 802.11a/80.21tb/802.11g Radio receive sensitivity- 802.11a/80.21tlg/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/80.21tlg/802.11n (5.0GHz) Hardware built-in wireless LAN	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex  - RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  - 19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, 74 dBm @ 54 Mbps  -89 dBm MCS 0, -70 dBm MCS 15	ves  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  SMS, Local Log, Syslog, Solera Networks, NetFlow tetensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  Active/Passive  Decked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, O2.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/12 d  15.5 dBm max/12 d  19 dBm MCS 0, -81 dBm f  -95 dBm MCS 0, -81 dBm f  -91 dBm @ GN - 81 dBm f  -91 dBm @ GN - 81 dBm f  -95 dBm MCS 0, -81 dBm CS 0,  -95 dBm MCS 0,	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX 5 only)  Active/Passive nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  P-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps MCS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps -70 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Wireless security standards Wirtual Access Points (VAPs) Anti-nans Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/80.21tb/802.11g Radio receive sensitivity- 802.11a/80.21tb/802.11g Radio receive sensitivity- 802.11a/80.21tb/802.11g Radio receive sensitivity- 802.11a/80.21tlg (802.11n (5.0GHz) Hardware built-in wireless LAN	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex — RBL support, Allowed/Blc TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n (WEP, W  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15 —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps — 89 dBm MCS 0, -70 dBm MCS 15	vyes  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3. Global management with  GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, E/  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  15.5 dBm max/18 dBm max/17 d  19. dBm MCS 0, 11 dBm MCS 0, 11 dBm MCS 0, 11 dBm MCS 0, 11 dBm MCS 0, -81 dBm /-91 dBm @ 6Mps,  -89 dBm MCS 0, -89 dBm MCS 0, -95 dBm MCS 0, (5) 10/10/0/1000 copper gigabit,	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX Sonly)  Active/Passive sisve Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps MCS 0, 12 dBm MCS 15  MCS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps -74 dBm @ 54 Mbps -74 dBm @ 55 Mbps -76 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/
Deject-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards MAN acceleration support? Sulti-in wireless LAN Standards Mireless security Standard	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Es  — RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n (WEP, W)  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15  —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, —74 dBm @54 Mbps —89 dBm MCS 0, -70 dBm MCS 15	vyes  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  SMS, Local Log, Syslog, Solera Networks, NetFlox tensions (TZ 218), Real-time Visualization (TZ 21  Active/Passive  Locked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  19 dBm MCS 0, 11 dBm MCS 15  -95 dBm MCS 0, -81 dBm/ -91 dBm @ MGbps,  -89 dBm MCS 0,  -89 dBm MCS 0,  (5) 10/100/1000 copper glgabit,  1 USB, 1 console	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive nsive Anti-Spam Service®  L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps JT dBm MCS 0, 12 dBm MCS 15 WCS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps -70 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/ -770 dBm MCS 15/ -78 dBm MCS 15/ -79 USB, 1 console
Object-based/group-based management DDNS  Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards MAN acceleration support?  Built-in wireless LAN  Standards Mireless security standards Mireless security standards Mireless security standards Mireless Security Standards Mireless LAN  Standards  Mireless LAN  Standards  Jiritual Access Points (VAPs) Antennas Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11h/802.11n (5.0GHz) Radio receive sensitivity Radio receive sensitivity Radio 12 Lifa/802.11n (5.0GHz) Radio power-802.11h/802.11n (5.0GHz) Radio power-802.11h/802.11n (5.0GHz) Radio receive sensitivity Radio receive sensitivity Radio 12 Lifa/802.11n (5.0GHz)  Hardware built-in wireless LAN Interfaces	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex  —  RBL support, Allowed/Blc  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps —  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps  -89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console  Single-core	viders include: dyndns.org. yi.org. no-ip.com ar TTP, HTTPS), SNMP v3. Global management with SMS, Local Log, Syslog, Solera Networks, NetFlov itensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 19 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX 5 only)  Active/Passive nsive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  P-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps //17 dBm MCS 0, 12 dBm MCS 15 //17 dBm MCS 0, 12 dBm MCS 15 //17 dBm MCS 15/ -/6 dBm MCS 15/ -/6 dBm MCS 15/ -/6 dBm MCS 15  (7) 10/100/1000 copper gigabit, 2 USB, 1 console Dual-core
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Bault-in wireless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antennas Radio power-802.1116/802.11g/802.11n Radio power-802.1118/802.11b/802.11g/802.11n Radio power-802.11n2/802.11g/802.11n Radio receive sensitivity- 802.11n2/802.11b/802.11g Radio receive sensitivity- 802.11n2/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Lash memory/RAM	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Es  — RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n (WEP, W)  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15  —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, —74 dBm @54 Mbps —89 dBm MCS 0, -70 dBm MCS 15	vyes oviders include: dyndns.org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management with GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (1/2 215), Real-time Visualization (1/2 21 Active/Passive) ocked Lists, Optional Dell SonicWALL Compreher Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 19.5 dBm MCS 0, 11 dBm MCS 0, 11 dBm MCS 0, -95 dBm MCS 0, -99 dBm MCS 0, -99 dBm MCS 0, (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core 32 MB/256 MB	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive nsive Anti-Spam Service®  L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps JT dBm MCS 0, 12 dBm MCS 15 WCS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps -70 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/ -770 dBm MCS 15/ -78 dBm MCS 15/ -79 USB, 1 console
Deject-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards MAN acceleration support? Sulti-in wireless LAN Standards Mireless security Standards Mireless LAN Standards Mireless LAN Standards Mireless LAN Standards Mireless Security Standards Mireless Secu	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W) Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps 19 dBm MCS 0, 12 dBm MCS 15 -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps -89 dBm MCS 0, -70 dBm MCS 15	viders include: dyndns.org. yi.org. no-ip.com ar TTP, HTTPS), SNMP v3. Global management with SMS, Local Log, Syslog, Solera Networks, NetFlov itensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 19 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -81 dBm/ -95 dBm MCS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX S only)  Active/Passive  asive Anti-Spam Service <sup>6</sup> L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  J17 dBm MCS 0, 12 dBm MCS 15  -74 dBm @ 54 Mbps  -70 dBm MCS 15/ -76 dBm MCS 15/ 2 USB, 1 console  Dual-core  32 MB/S12 MB
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11b/802.11g/802.11n Radio power-802.11h/802.11b/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/802 sensitivity- 802.11a/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Lash memory/RAM 3G wireless/modem³ USB ports	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex  —  RBL support, Allowed/Blc  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps —  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps  -89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console  Single-core	viders include: dyndns.org. yi.org. no-ip.com ar TTP, HTTPS), SNMP v3. Global management with SMS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21 Active/Passive  Ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 19 dBm MCS 0, 11 dBm MCS 16 -95 dBm MCS 0, -81 dBm f -91 dBm MCS 0, -81 dBm f (5) 10/100/1000 copper gigabit, 1 USB, 1 console  Dual-core 32 MB/Z56 MB Supported with approved adapters <sup>3</sup>	Dell SonicWALL GMS  v vs/v9 (TZ 215). IPFIX  s only)  Active/Passive  nsive Anti-Spam Service®  . L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  P-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  /17 dBm MCS 0, 12 dBm MCS 15  MCS 15/-90 dBm @ 11Mbps/  -74 dBm @ 54 Mbps  -70 dBm MCS 15/  -76 dBm MCS 15/  -76 dBm MCS 15/  2 USB, 1 console  Dual-core
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards Man Acceleration support? Bailt-in wireless LAN Standards Wireless security standards Wireless security standards Wireless security Standards Wireless Points (VAPs) Antennas Radio power-802.111a/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11n (24 Hz)/802.11n Radio receive sensitivity- 802.11a/802.11b/802.11n Radio receive sensitivity- 802.11a/802.11b/	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex  —  RBL support, Allowed/Bic  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  —  19 dBm MCS 0, 12 dBm MCS 15  —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, —74 dBm @54 Mbps  —89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, —1 USB, 1 console ————————————————————————————————————	ves  oviders include: dyndns.org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3. Global management with  GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21  Active/Passive  ocked Lists, Optional Dell SonicWALL Compreher  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, E/  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/18 dBm max/17 d  15.5 dBm max/18 dBm max/17 d  19.5 dBm MCS 0, 11 dBm MCS 0, 11 dBm MCS 0, -81 dBm /-91 dBm @ 6Mps,  -89 dBm MCS 0,  -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console  Dual-core  32 MB/256 MB  Supported with approved adapters <sup>5</sup> 1 1  100 to 240 VAC, 50-60 Hz, 1 A	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX Sonly)  Active/Passive sisive Anti-Spam Service®  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps JT dBm MCS 0, 12 dBm MCS 15  VCS 15/-90 dBm MCS 15  -74 dBm @ 54 Mbps -74 dBm @ 54 Mbps -74 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15  (7) 10/100/1000 copper gigabit, 2 USB, 1 console  Dual-core 32 MB/S12 MB
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n (8.0GHz) Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio power-802.11b/802.11g Radio power-802.11b/802.11g Radio power-802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Flash memory/RAM SG wireless/modems USB ports Power input Max power consumption	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex — RBL support, Allowed/Blc TCP/IP, UDP, ICMP, HTTP, 802.11b/g/n (WEP, W)  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15 -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 65 Mbps —89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console Single-core 32 MB/256 MB  1	ves  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  AMS, Local Log, Syslog, Solera Networks, NetFlow tetensions (TZ 215), Real-time visualization (TZ 21  Active/Passive  Active/Passive  bcked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, O2.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/12 dd  15.5 dBm max/12 dd  19 dBm MCS 0, -81 dBm f  -95 dBm MCS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit,  1 USB, 1 console  Dual-core  32 MB/256 MB  Supported with approved adapters <sup>5</sup> 1 100 to 240 VAC, 50-60 Hz, 1 A  6.4W/10.5W	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive  asive Anti-Spam Service <sup>6</sup> L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  AVZ 3Bm MCS 0, 12 dBm MCS 15  -74 dBm @ 54 Mbps -70 dBm MCS 15/ -76 dBm MCS 15/ 2 USB, 1 console  Dual-core  32 MB/S12 MB  2  9.0W/12.0W
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11h/802.11g/802.11n Radio power-802.11h/802.11h/802.11h(5.0GHz) Radio receive sensitivity- 802.11a/802 sensitivity- 802.11a/802 sensitivity- 802.11a/802.11h (S.OGHz) Hardware built-in wireless LAN Interfaces Processor Lash memory/RAM 3G wireless/modem³ USB ports Power long the dissipation Total heat dissipation Total heat dissipation	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex  —  RBL support, Allowed/Bic  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  —  19 dBm MCS 0, 12 dBm MCS 15  —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, —74 dBm @54 Mbps  —89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, —1 USB, 1 console ————————————————————————————————————	yes oviders include: Yes oviders include: dyndns.org. yi.org. no-ip.com ar TTP, HTTPS). SNMP v3. Global management with SMS, Local Log. Syslog. Solera Networks, NetFlov itensions (TZ 215). Real-time Visualization (TZ 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPOE Yes, with Dell SonicWALL WXA appliances 802.11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 15.5 dBm mMCS 0, -81 dBm f -95 dBm MCS 0, -81 dBm f -95 dBm MCS 0, -81 dBm f -95 dBm MCS 0, -81 dBm f -95 dBm CS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core 32 MB/Z56 MB Supported with approved adapters <sup>5</sup> 1 100 to 240 VAC, 50 -60 Hz, 1 A 6.4W/10.5W 21.9 BTU/55.8 BTU	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX Sonly)  Active/Passive sisive Anti-Spam Service®  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps JT dBm MCS 0, 12 dBm MCS 15  VCS 15/-90 dBm MCS 15  -74 dBm @ 54 Mbps -74 dBm @ 54 Mbps -74 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15/ -76 dBm MCS 15  (7) 10/100/1000 copper gigabit, 2 USB, 1 console  Dual-core 32 MB/S12 MB
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11n (5.0GHz) Radio receive sensitivity- 802.11n/802.11b/802.11n Radio receive sensitivity- 802.11n/802.11h/802.11n Radio receive sensitivity- 802.11n (2.4GHz)/802.11n Radio receive sensitivity- 802.11n (2.4GHz)/802.1	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex  RBL support, Allowed/Bic  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @54 Mbps  -89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console Single-core 32 MB/256 MB  1  5.2W/7.0W 17.8 BTU/23.7 BTU	oviders include: dyndns.org, yl. org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management witt GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE Yes, with Dell SonicWALL WXA appliances  802 11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 15.5 dBm MCS 0, 11 dBm MCS 0, -81 dBm /-91 dBm @ 6Mps99 dBm MCS 0, -95 dBm MCS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core 32 MB/256 MB Supported with approved adapters³ 1 100 to 240 VAC, 50-60 Hz, 1 A 6.4 W/10.5 W 21.9 BTU/35.8 BTU VPNC, ICSA Frewall 4.1	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive Insive Anti-Spam Service <sup>6</sup> 802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps IT alb MCS 0, 12 dBm MCS 15  70 dBm MCS 0, 12 dBm MCS 15  (7) 10/100/1000 copper gigabit, 2 USB, 1 console  Dual-core 32 MB/S12 MB  2  9.0W/12.0W 30.6 BTU/41.4 BTU
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Flash memory/RAM 3G wireless/modem <sup>5</sup> USB ports Power input Max power consumption Total heat dissipation Certifications Certifications Certifications	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex — RBL support, Allowed/Bic TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n (WEP, W)  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0.12 dBm MCS 15 —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, —74 dBm @54 Mbps —89 dBm MCS 0. 70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console Single-core 32 MB/256 MB  1  5.2W/7.0W 17.8 BTU/23.7 BTU	ves  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  MS, Local Log, Syslog, Solera Networks, NetFlow tetensions (TZ 215), Real-time visualization (TZ 21  Active/Passive  Active/Passive  Active/Passive  Lecked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, O2.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/12 dd  15.5 dBm max/12 dd  15.5 dBm max/12 dd  19 dBm MCS 0, -81 dBm f  -95 dBm MCS 0, -81 dBm f  10 dbm -95 dBm MCS 0  (5) 10/100/1000 copper gigabit, 1 USB, 1 console  Dual-core  32 MB/256 MB  Supported with approved adapters <sup>5</sup> 1 100 to 240 VAC, 50-60 Hz, 1 A  6.4W/10.5W  21.9 BTU/35.8 BTU  VPNC, ICSA Firewall 4.1  LL4+, FIPS 140-2 Level 2, IPv6 Phase 1, IPv6 Phase	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive nsive Anti-Spam Service <sup>6</sup> L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps -70 dBm MCS 15 -70 dBm MCS 15  (7) 10/10/10/10/10/10 copper gigabit, 2 USB, 1 console  Dual-core 32 MB/S12 MB  2  9.0W/12.0W 30.6 BTU/41.4 BTU
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Flash memory/RAM 3G wireless/modem <sup>5</sup> USB ports Power input Max power consumption Total heat dissipation Certifications Certifications Certifications	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex  RBL support, Allowed/Bic  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W)  Double: detachable, external  18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps  19 dBm MCS 0, 12 dBm MCS 15  -90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @54 Mbps  -89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console Single-core 32 MB/256 MB  1  5.2W/7.0W 17.8 BTU/23.7 BTU	oviders include: dyndns.org, yl. org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management witt GMS, Local Log, Syslog, Solera Networks, NetFlox tensions (T2 215), Real-time Visualization (T2 21 Active/Passive ocked Lists, Optional Dell SonicWALL Comprehe Yes, Outgoing and Incoming HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPDE Yes, with Dell SonicWALL WXA appliances  802 11a/b/g/n (3x3) PA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, E/ Up to 8 Triple: 2 external detachable, 1 internal 15.5 dBm max/18 dBm max/17 d 15.5 dBm max/18 dBm max/17 d 15.5 dBm MCS 0, 11 dBm MCS 0, -81 dBm /-91 dBm @ 6Mps99 dBm MCS 0, -95 dBm MCS 0, -95 dBm MCS 0,  (5) 10/100/1000 copper gigabit, 1 USB, 1 console Dual-core 32 MB/256 MB Supported with approved adapters³ 1 100 to 240 VAC, 50-60 Hz, 1 A 6.4 W/10.5 W 21.9 BTU/35.8 BTU VPNC, ICSA Frewall 4.1	Dell SonicWALL GMS vvs/v9 (TZ 215), IPFIX S only)  Active/Passive Insive Anti-Spam Service <sup>6</sup> 802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps IT alb MCS 0, 12 dBm MCS 15  70 dBm MCS 0, 12 dBm MCS 15  (7) 10/100/1000 copper gigabit, 2 USB, 1 console  Dual-core 32 MB/S12 MB  2  9.0W/12.0W 30.6 BTU/41.4 BTU
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Flash memory/RAM 3G wireless/modems USB ports Power input Max power consumption Total heat dissipation Certifications	Local CLI, Web GUI (H Analyzer, Scrutinizer, C with Ex  —  RBL support, Allowed/Bit  TCP/IP, UDP, ICMP, HTTP,  802.11b/g/n  (WEP, W  Double: detachable, external 18 dBm max/18 dBm @ 6Mbps, 15 dBm @ 54Mbps — 19 dBm MCS 0, 12 dBm MCS 15 —90 dBm @ 11Mbps/-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps — 89 dBm MCS 0, -70 dBm MCS 15  (5) 10/100 fast ethernet, 1 USB, 1 console Single-core 32 MB/256 MB  1  5.2W/7.0W 17.8 BTU/23.7 BTU  EA  5.555 x 1.42 x 7.48 in (14.1 x 3.6 x 19 cm) 0.75 lbs/0.34 kg	viders include: dyndns org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management wit SMS, Local Log, Syslog, Solera Networks, NetFlox tensions (TZ 215), Real-time Visualization (TZ 21	Dell SonicWALL GMS vv5/v9 (TZ 215), IPFIX Sonly)  Active/Passive sive Anti-Spam Service <sup>6</sup> , L2TP, PPTP, RADIUS, IEEE 802.3  802.11a/b/g/n (3x3)  ACTIVE SERVICES  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps BM @ 6 Mbps, 13 dBM @ 54 Mbps MCS 01.2 dBm MCS 15  MCS 15/-90 dBm @ 11Mbps/ -74 dBm @ 54 Mbps  -74 dBm @ 54 Mbps  -76 dBm MCS 015  (7) 10/100/1000 copper gigabit, 2 USB, 1 console  Dual-core  32 MB/S12 MB  2  9.0W/12.0W  30.6 BTU/41.4 BTU  22  7.125 x 1.5 x 10.5 in (18.1 x 3.81 x 26.67 cm) 1.95 lbs/.079 kg
Object-based/group-based management DDNS  Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support?  Built-in wireless LAN Standards Wireless security standards Wirtual Access Points (VAPs) Antenas Radio power-802.11n/802.11g/802.11n Radio power-802.11n/802.11g/802.11n Radio power-802.11h/802.11g/802.11n Radio power-802.11n/802.11g/802.11n Radio power-802.11n/802.11g/802.11n Radio power-802.11n/802.11g/802.11n Radio power-802.11n/802.11g/802.11n Radio power-802.11n/802.11n Radio power-802.11n/802.11n Radio power-802.11n/802.11n Radio receive sensitivity- 802.11n/802.11n Rodio receive sensitivit	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex	vyes  oviders include: dyndns org, yi.org, no-ip.com ar  TTP, HTTPS), SNMP v3: Global management with  3MS, Local Log, Syslog, Solera Networks, NetFlow tensions (TZ 215), Real-time Visualization (TZ 21  Active/Passive  Locked Lists, Optional Dell SonicWALL Comprehe  Yes, Outgoing and Incoming  HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE  Yes, with Dell SonicWALL WXA appliances  802.11a/b/g/n (3x3)  PA, WPA2, 802.11i, TKIP, PSK, O2.1x, EAP-PEAP, E/I  Up to 8  Triple: 2 external detachable, 1 internal  15.5 dBm max/12 dd  15.5 dBm max/12 dd  15.5 dBm max/12 dd  19 dBm MCS 0, 11 dBm MCS 15  -95 dBm MCS 0, -81 dBm /  -91 dBm @Mbps,  -89 dBm MCS 0,  (5) 10/100/1000 copper gigabit,  1 USB, 1 console  Dual-core  32 MB/256 MB  Supported with approved adapters <sup>3</sup> 1  100 to 240 VAC, 50-60 Hz, 1 A  6.4W/10.5W  21.9 BTU/35.8 BTU  VPNC, ICSA Firewall 4.1  LL4+, FIPS 140-2 Level 2, IPV6 Phase 1, IPv6 Phase  5.555 x 1.42 x 7.48 in  (14.1 x 5.6 x 19 cm)  0.75 lbs/0.34 kg  0.84 lbs/0.38 kg	Dell SonicWALL GMS  vvs/v9 (TZ 215), IPFIX  S only)  Active/Passive  Insive Anti-Spam Service®  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  IT of BM MCS 15/  70 dBm MCS 15/  70 dBm MCS 15/  70 dBm MCS 15/  71 dBm MCS 15/  2 USB, 1 console  Dual-core  32 MB/S12 MB  2  9.0W/12.0W  30.6 BTU/41.4 BTU  1.95 lbs/0.97 kg  1.95 lbs/0.97 kg  2.15 lbs/0.97 kg
Object-based/group-based management DDNS Management and monitoring Logging and reporting Hardware failover Anti-spam Load balancing Standards WAN acceleration support? Built-in wireless LAN Standards Wireless security standards Virtual Access Points (VAPs) Antennas Radio power-802.11b/802.11g/802.11n Radio power-802.11b/802.11g/802.11n (5.0GHz) Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11b/802.11g Radio receive sensitivity- 802.11a/802.11n (5.0GHz) Hardware built-in wireless LAN Interfaces Processor Flash memory/RAM 3G wireless/modems USB ports Power input Max power consumption Total heat dissipation Certifications	Local CLI, Web GUI (H Analyzer, Scrutinizer, with Ex	viders include: dyndns org, yi.org, no-ip.com ar TTP, HTTPS), SNMP v3. Global management wit SMS, Local Log, Syslog, Solera Networks, NetFlox tensions (TZ 215), Real-time Visualization (TZ 21	Dell SonicWALL GMS  vvs/v9 (TZ 215), IPFIX  S only)  Active/Passive  Insive Anti-Spam Service®  802.11a/b/g/n (3x3)  AP-TTLS)  Triple: detachable, external  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  BM @ 6 Mbps, 13 dBM @ 54 Mbps  IT of BM MCS 15/  70 dBm MCS 15/  70 dBm MCS 15/  70 dBm MCS 15/  71 dBm MCS 15/  2 USB, 1 console  Dual-core  32 MB/S12 MB  2  9.0W/12.0W  30.6 BTU/41.4 BTU  1.95 lbs/0.97 kg  1.95 lbs/0.97 kg  2.15 lbs/0.97 kg











Security Monitoring Services from Dell SecureWorks are available for this appliance Series. For more information, visit www.dell.com/secureworks

