DPtech WAF3000 Series Series Web Application Firewall

DP tech
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Overview

With the rapid changes of information technology and continuous development of various network applications, the number of Web based applications is increasing. SQL injection, XSS attacks, webpage Trojan and other attacks make Web applications at a high risk environment. Therefore, traditional security devices fail to provide effective and fine-grained protection for Web applications.

Through in-depth analysis on HTTP protocol, WAF provides timely and effective security defense for Web applications and solves growing Web security problems, thus to optimize service resources and efficiently protect availability and reliability of Web applications.

To solve these problems, DPtech releases WAF3000 series Web Application Firewall products which based on state-of-the-art multi-core processor hardware architecture. WAF3000 series, next generation network security devices are released by DPtech for various lines of business like enterprises, governments, service provider and etc. It can defend against various high-risk Web attacks effectively, including SQL injection, cross site scripting attack, session hijacking, DDoS attacks for application layer, webpage tampering. Meanwhile, with powerful Web flows optimization and load balancing features, WAF3000 can perform various kinds of business optimization for large servers, such as flow normalization, Web acceleration, SSL uninstall and etc. WAF3000 is a comprehensive Web application security device which combines Web attack defense, protocol consolidation and flows optimization.

With the endless emergence of Web attack methods, Web application firewall needs to defend and upgrade in time. Through continuous update, DPtech WAF3000 products enable users to get state-of–the-art signature library in the shortest time, providing users the most timely and safest Web application protection.

Series

The following are the DPtech WAF3000 series product's portfolio.

WAF3000-Blade   WAF3000-GE   WAF3000-GC   WAF3000-ME   WAF3000-MS

Features

- State-of–the-art multi-core hardware architecture, ultra high performance security
- Vulnerability defense:

  SQL injection, XSS attack and session hijacking

- Flows optimization:

  Load Balance, Web acceleration and SSL offloading

- HTTP protocol consolidation, anti-malicious tampering of webpage

- DDoS attack defense of application layer

- High reliability features like redundant power supply, seamless connection and etc

Specification

Item	WAF3000-MS	WAF3000-ME	WAF3000-GC	WAF3000-GE	WAF3000-Blade
Interface	1xConsole, 4xGE, 1xUSB	1xConsole, 2xGE SFP, 6xGE, 1xUSB	1xConsole, 2xGE SFP, 6xGE, 1xUSB	1xConsole, 14xGE, 12xGE SFP, 2x10GE, 2xUSB	1xConsole, 12xGE, 12xGE SFP, 2xUSB
Slot	1 slot	1 slot	1 slot	-	-
CF card	1GB	1GB	1GB	2GB	2GB
Memory	2GB	2GB	2GB	2GB	2GB
Dimensions (W × D × H)	430*261*44 mm	430*261*44 mm	430*261*44 mm	436*470*88.8 mm	-
Rated Voltage Max Current	AC: 100-240VAC; 0.5A	AC: 100-240VAC; 0.5A	AC: 100-240VAC; 0.5A	AC: 90-264VAC; 4A DC: -40.5-(-72)VDC; 10A	-
Max Power Consumption	54 W	54 W	54 W	300 W	-
Redundant Power Supply	No	Yes	Yes	Yes	-
Deployment	Transparent mode, reverse proxy, one-arm mode				
Security Features	Defense vulnerabilities: SQL injection, Cross Site Scripting, Session Hijacking and etc				
	Defense attacks: DoS/ DDoS for Web application layer				
	Defense malicious tampering of webpage, effectively ensure data security and completeness				
	Support HTTP protocol consolidation: Non-standard protocol filtering, Cookie normalization and buffer overflows protection				
	Support Web server consolidation: Server information hiding, detection and blocking of web crawler				
	Support Web flows optimization: Load Balance, Web acceleration and SSL offloading				
Management	Web GUI, SSH, serial port console and centralized management platform				

High Availability	Redundant power supply, seamless connection and dynamic extension of server

Ordering Information

Part Number	Model Description	Remarks
01100050	DPtech WAF3000-MS,AC Host,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Required
01100049	DPtech WAF3000-ME,Dual AC Host,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Required
01100047	DPtech WAF3000-GC,Dual AC Host,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Required
01100040	DPtech WAF3000-GE,Dual AC Host,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Required
53010222	DPtech WAF3000-MS,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Optional
53010221	DPtech WAF3000-ME,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Optional
53010197	DPtech WAF3000-GC,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Optional
53010176	DPtech WAF3000-GE,AV Signature Update Service,1 Year,WAF Signature Update Service,1 Year	Optional

Interface Module and Transceivers

Part No.	Interface Module	Remarks
02010023	4-Port 1000M Ethernet Electrical Interface Module	Optional
02010036	4-Port 1000M Ethernet Optical Interface Module	Optional
02010005	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC)	Optional
02010004	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)	Optional
02000013	1000BASE-LH40 SFP Transceiver, Single Mode (1310nm, 40km, LC)	Optional

02010014	1000BASE-LH40 SFP Transceiver, Single Mode (1550nm, 40km, LC)	Optional
02010008	10GBASE-SR XFP Module, Multi-Mode (850nm, 300m, LC)	Optional
02010018	10GBASE-LR/LW XFP Module, Single Mode (1310nm, 10km, LC)	Optional
02010016	10GBASE-ER/EW XFP Module, Single Mode (1550nm, 40km, LC)	Optional

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"Required" indicates that the item described is provided directly with the ordered host. The user does not need to purchase it specially.

"Optional" indicates the item described should be purchased by the user if it is needed.