

Information Security Gateway

Secure Network Against Emerging Risks

- **Control & Manage Instant Messages/Peer-to-Peer Applications**
- **Manage Bandwidth Through Control of Streaming Media, File Transfers, Web Usage**
- **Detect & Block Spyware, Trojan, Softether, Network Worms**
- **Prevent Malicious Programs From Spreading on Network**

FEATURES

IM/P2P Application Management

- Supports Most IM/P2P Applications
- Blocks Viruses over IM/SPIM
- Prevents Misuse of IM/P2P Applications

Bandwidth Management

- Controls File Transfer/Streaming Media Over HTTP
- Controls Personal Mail
- Controls Web Usage
- QoS Bandwidth Management

Malicious Traffic Prevention

- Blocks Spyware, Network Worms, Trojan, Softether, Illegal Agents
- Identifies Victims
- Protects Against DOS/DDOS
- Zone-Defense Mechanism*

Traffic Monitoring/Report

- Monitors Traffic Real Time
- Provides Multi-layer TOP N Reports

Hardware

- Hardware-Based Layer 7 Payload Inspection
- Hardware Bypass to Maximize Network Uptime
- 1 Ethernet WAN Port, 1 Ethernet LAN Port
- Front Panel LCD/Key Pad to Display Status/Monitoring Information

* Available in future firmware upgrade



The D-Link NetDefend DFL-M510 Information Security Gateway (ISG) is an entirely new type of security device designed to protect your network from the emerging risks. Your business is facing Internet threats posed by an increasing use of instant messages (IM) and peer-to-peer (P2P) applications. Without effective management and control mechanisms, it can be vulnerable to a wide variety of menaces including viruses and worms, leakage of confidential information, corporate and regulatory compliance violations, and even identity theft.

The NetDefend Information Security Gateway (ISG) can help address these threats and identify unmanaged, unauthorized IM and P2P use on your network, so you can effectively control and manage information flows from your company to the outside world. The information traffic flow that you are able to control and manage includes instant messaging, peer-to-peer applications, file transfers, Email and steaming media from the Intranet.

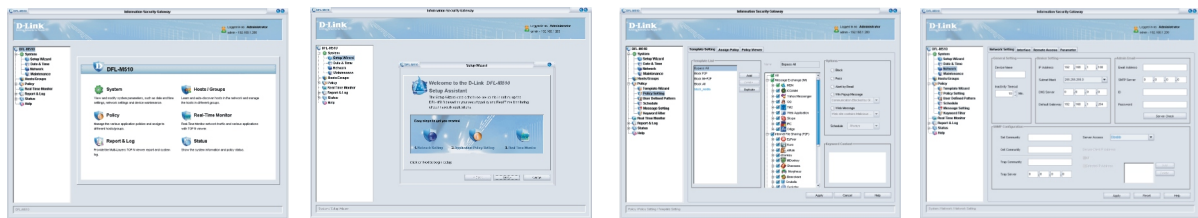
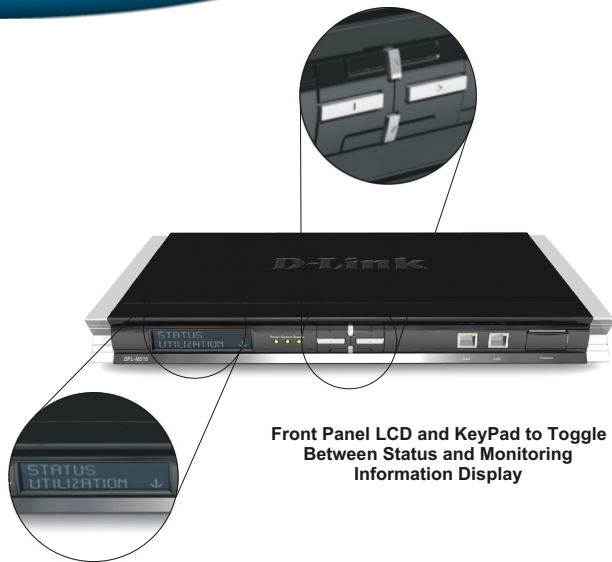
IM/P2P and Bandwidth Management. The NetDefend Information Security Gateway (ISG) allows you better manage your employees' Internet activities and prevent possible misuse of IM and P2P applications. Implementation can be based on company policies, and operation is both automatic and transparent, bringing tangible benefits that include proper utilization of precious network bandwidth and prevention of possible leaks of company secrets through unauthorized and unmanaged use of IM and Email.

Malicious Traffic Prevention. Hackers and scammers are becoming more sophisticated in their approach to vulnerable networks, distributing not just viruses and malicious agents, but putting together blended attacks, increasing perimeter security for other scam methods, multiplying mutations of initial attacks and migrating new threats. The D-Link NetDefend Information Security Gateway can prevent these serious threats by blocking illegal agents hidden in your network's normal traffic, eliminating harmful programs, identifying victims and providing a Zone Defense Mechanism* to quarantine infected computers. You can detect and drop traffic with health concerns, including Trojan, illegal agents and Network Worms, based on policy rules applied to specific groups, hosts, IPs and subnets.

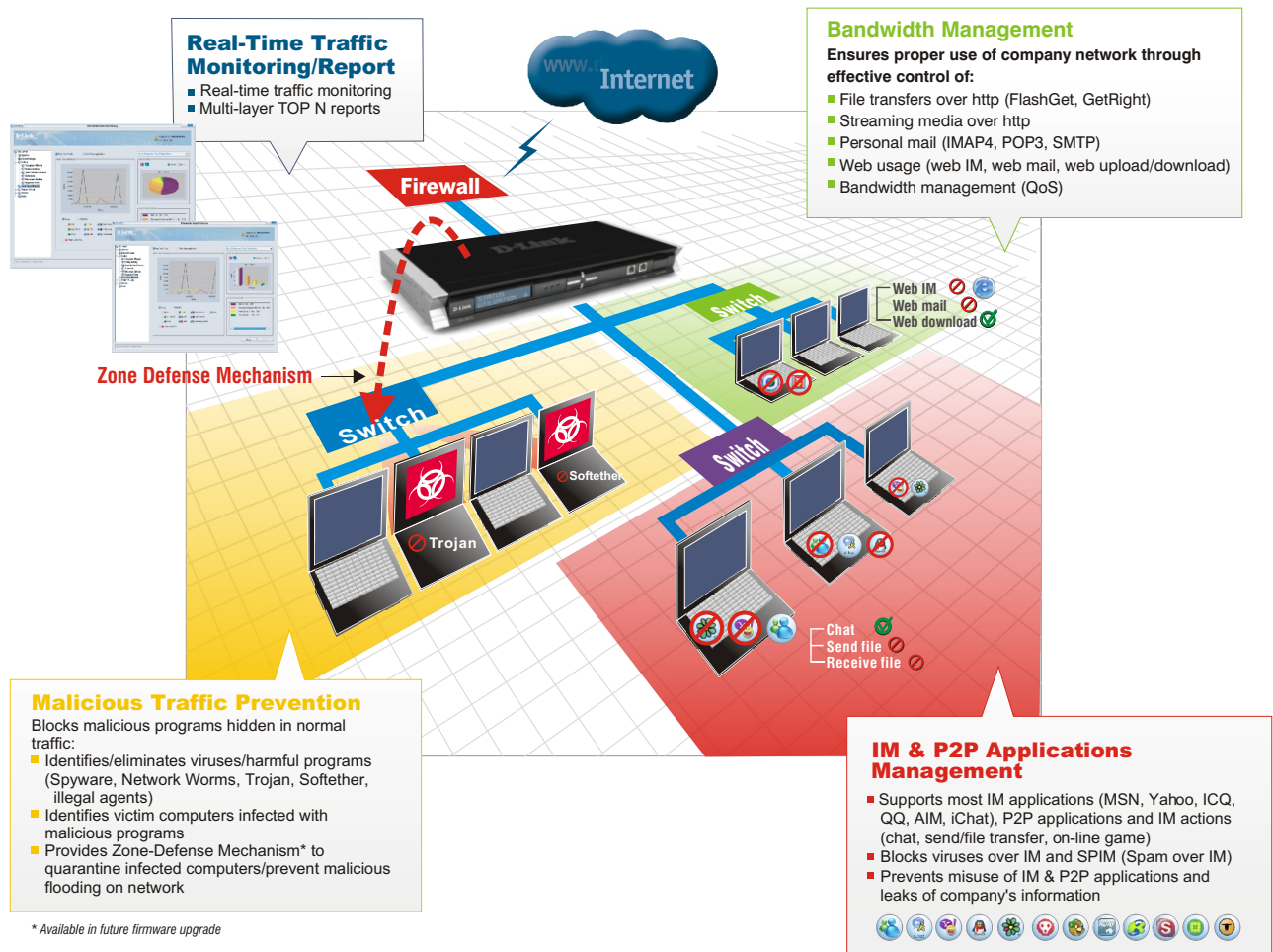
Seamless Integration. The NetDefend Information Security Gateway (ISG) integrates easily with industry-standard network infrastructure, including third-party network devices, offering maximum flexibility and control. It is deployed between your company's internal network and a network firewall, and can be installed in the in-line mode without causing any change to your current network architecture. It implements a hardware bypass function that avoids single points of failure and maximizes network connection in the advent event of hardware crash.

With hardware-based Layer 7 payload inspection, this device provides high-performance processing of information security. You can leverage your existing investments by adding anti-virus and anti-IM spam, identity authentication and management, session logging and archiving, and detection and usage reporting. All these will help improve your office productivity, reduce your business legal liability, optimize the use of your IT resources and enhance your company's overall network security.





Controlling and managing activities of instant messaging, peer-to-peer applications, email, streaming media and file transfer, from a monitoring station.



Functions & Benefits

Real Transparent Mode Implementation

- Easy installation with no change to existing network architecture
- Interoperability with third-party network devices

Hardware-Based Layer 7 Payload Inspection

High-performance processing via ASIC Content Processing Chip

Granular Management by Hosts, IPs, Groups, Subnets

- Transparent control of IM, P2P file transfers, streaming media, personal mail
- Discreet control of Internet activities through application of policy-based actions on hosts, groups, IPs, subnets

Transparent Blocking of Trojan, Spyware, Illegal Agents (Softether), Network Worms

Prevention of malicious traffic spreading on the network

Victim Identification

Isolation of trouble spots for troubleshooting

Hardware Bypass

No single points of failure, maximized network connection in case of a hardware crash

Log/Analysis Report

Easily readable reports printable in html formats

DOS/DDOS Protection, Stealth Mode

- Protection from various kinds of DOS/DDOS attacks
- No response to ICMP packets in Stealth mode

Summary of Main Functions

IM/P2P Management

- Control/management of IM applications
- Control/management of P2P applications
- Policy setting by IP, host name, group or subnet

Layer 7 Applications Management

- Control/management of file transfers
- Control/management of streaming media
- Control/management of web applications
- Control/management of email for personal use
- User-defined application control

Health Checking

- Detection/blocking of malicious programs such as Spyware, Softether, Network Worms
- Victim identification in Intranet
- D-Link Zone Defense mechanism* to prevent malicious programs from spreading on network

Real-Time Monitor and Report

- Real-time traffic monitoring
- Multi-layer TOP N reports

Installation/Setup

- Plug-and-play installation with no change to existing network
- Transparent in-line mode, seamless integration with other network devices
- Java web-based setup Wizard
- Hardware bypass mechanism to maximize network connectivity
- Stealth mode for interfaces

Physical & Environmental

Power Input

Internal Universal Power Supply

Dimensions

440 x 250 x 44 mm 19-inch Standard Rack-Mount Width, 1U Height

Operating Temperature

0° to 60 °C

Storage Temperature

-20° to 70°C

Operating Humidity

5% to 95% non-condensing

EMI

- FCC Class A
- CE Class A
- C-Tick

Safety

- UL/CUL
- LVD (EN60950)

* Available in future firmware upgrade



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