

GPO 100 - gateprotect Firewall Solution

The gateprotect GPO 100 firewall as an entry-level version has been especially designed for the needs of offices, small companies and branch offices as well as home offices. Thanks to the applied eGUI technology and a multitude of state-of-the-art security features, a user-friendly basic protection can thus be assured. The latest hardware includes four network interfaces that can be individually configured and is excellently suited as an endpoint for the secure connection (via VPN) to a network protected by a gateprotect Next Generation firewall. The set-up and connection via VPN is absolutely simple – one click is all it takes. Thanks to its compact size and favorable price, the GPO 100 is the perfect solution for small office environments.

It's not possible to activate any UTM functionality like Antivirus, Antispam or Web Filter.



Security
made
in
Germany

Specifications

GPO 100

Interfaces

1 GbE Ports	4xRJ45 (rear)
-------------	---------------

System Performance*

Firewall throughput (MBit/s)	1 000
VPN IPSec throughput (MBit/s)	100

Dimensions

H x W x D (mm)	43 x 165 x 106
Gross Weights (kg)	1.7

Power

Input Voltage (V)	AC 100-240
Full load power consumption (W)	20 W

Environmental

Operating Temperature (°C)	0 ~ 40
Storage Temperature (°C)	-10 ~ 70
Relative Humidity (Non condensing)	20 ~ 90 %

Hardware Certification



* System performance depends on application level and number of active VPN connections. We do not offer an express or implied warranty for the correctness /up-to-dateness of the information contained here (which may be changed at any time). Future products or functions will be made available at appropriate time.

©2013 gateprotect AG Germany. All rights reserved.

FEATURE OVERVIEW

GPO 100

The gateprotect IT Security solutions are characterized by optimal scalability, security and performance.

Thanks to a unique and patented eGUI® Technology, gateprotect sets standards when it comes to the configuration of modern security systems.

gateprotect's eGUI® Technology raises operating security and efficiency to a previously unattained level. Furthermore, gateprotect is the only manufacturer worldwide to implement the ISO NORM 9241 standard. gateprotect was recently honored with the Frost & Sullivan Best Practices Award 2011.



"gateprotect provides UTM products that stand-out from the competition due to their ease-of-use and security effectiveness. The gateprotect ergonomic graphical user interface (eGUI) provides the most intuitive and effective visual UTM management interface available in the marketplace."

Frost & Sullivan, August 2011

Feature Specifications

MANAGEMENT

- Role based Firewall Administration
- SSH-CLI
- Desktop configuration saved / restored separately from backup
- Object oriented firewall configuration
- Direct Client Update function



Ergonomic Graphic User Interface

- ISO 9241 compliant
- Immediate visual feedback for each setting
- Self-explanatory functions
- Overview of all active services
- Overview of the whole network
- Layer and zoom function

USER AUTHENTICATION

- Active Directory / OpenLDAP support
- Local User database
- Web-interface authentication
- Windows-client authentication
- Single sign on with Kerberos
- Single- and Multi login
- Web Landing page

VPN

- VPN wizard
- Certificate wizard
- Site-to-Site
- Client-to-Site (Road Warrior)
- PPTP
- Export to One-Click-Connection

X.509 certificates

- CRL
- OCSP
- Multi CA support
- Multi Host-cert support

LAN / WAN-SUPPORT

- Ethernet 10/100 MBits/s
- Gigabit Ethernet
- MTU changeable (Ethernet/DSL)
- PPP-PAP, PPP-CHAP authentication
- Inactivity timeout / Forced disconnect time
- xDSL
- Multi WAN support
- WAN failover
- Loadbalancing
- Time controlled internet connections
- Manual and automatic DNS assignment
- Multiple dynDNS support
- Source based routing
- Routing protocols RIP, OSPF
- DHCP
- DMZ

VLAN

- 4094 VLAN per interface
- 802.1q ethernet header tagging
- Combinable with bridging

Bridge-mode

- OSI-Layer 2 firewall function
- Spanning tree (bridge-ID, port-cost)
- Unlimited interfaces per bridge
- Combinable with VPN-SSL

IPSec

- Tunnel mode
- IKEv1, IKEv2
- PSK / Certificates
- DPD (Dead Peer Detection)
- NAT-T
- XAUTH, L2TP

SSL

- Routing mode VPN
- Bridge mode VPN
- TCP/UDP
- Specify WINS- and DNS-Servers

TRAFFIC SHAPING / QOS

- Multiple Internet connections separately shapeable
- All services separately shapeable
- Maximum and guaranteed bandwidth adjustable
- QoS with TOS-flags support
- QoS inside VPN connection support

HIGH AVAILABILITY

- Active-passive HA
- State synchronization
- Single and Multiple dedicated links support
- Stateful Failover

BACKUP & RECOVERY

- Small backup files
- Remote backup & restore
- Restore backup on installation
- Automatic and time based backups
- Automatic upload of backups on FTP- or SCP-Server
- USB Drive recovery option

LOGS, REPORTS, STATISTICS

- Email Reporting
- Logging to multiple syslog-servers
- Logs in admin-client (with filter)
- Export to CSV-files
- IP and IP-group statistics
- Separate services
- Single user / groups
- TOP-lists (Surfcontrol)
- IDS- / Traffic-statistics
- Application Control traffic statistics
- Antivirus- / Antispam-statistics
- Defence statistics



Secur|Ty
made
in
Germany

COMMAND CENTER

- Monitor & Active Configuration of 500+ firewalls
- Central Configuration and Monitoring of VPN Connections
- Single and group backup
- Plan automatic backup in groups
- Single and group update & licensing
- Create configuration templates and apply on multiple firewalls
- Certificate Authority
- Certificate based 4096 bit encrypted connections to the firewalls
- Display settings of all firewalls
- Role based User Management