

# GB-800

Firewall UTM Appliance Family



## Key Features

### GB-800 Family

- » Dedicated UTM Appliance
- » Powerful Traffic Management
- » Flexible Implementation
- » IPSec VPN
- » Three Fully Configurable 10/100 NICS Including DMZ Support
- » UTM Threat Management
  - IPS
  - Anti-Virus
  - Anti-Spam
  - URL Filtering
- » ICSA 4.1 Corporate Certified

### GB-800e

- » Includes Hardware VPN Acceleration

## Full Featured Unified Threat Management For Mid-Sized Business

Uniquely designed for mid-sized businesses, the GB-800 and GB-800e Firewall UTM Appliances provide corporate level Internet security and unified threat management (UTM) features. Comprehensive firewall and unified threat management features combine into a single, dedicated appliance for completed Internet security. Three independent high-speed network interfaces are each configurable as external, internal and DMZ. Powered by GB-OS, the GB-800 and GB-800e include advanced features such as Dynamic Gateway Architecture and Gateway Sentinel. Dynamic Gateway Architecture allows the GB-800 and GB-800e to be customized to fit your network design by utilizing advanced configuration and routing features such as load balancing and gateway failover for up to six gateways. Gateway Sentinel is GTA's suite of threat management products and services that includes a robust intrusion prevention system, Internet content filtering and email proxy with basic email filtering. Expanding the UTM features is easy and affordable with Mail Sentinel Anti-Virus, Mail Sentinel Anti-Spam and Surf Sentinel URL content filtering. The GB-800 and GB-800e Firewall UTM Appliances are available in two standard configurations: 50 or unrestricted concurrent outbound users. The GB-800e features VPN hardware acceleration to off-load intensive VPN encryption and decryption for increased VPN throughput. The GB-800 Firewall UTM Appliance Family meets ICSA 4.1 Corporate criteria.

## Flexible Implementation

The GB-800 and GB-800e combine GB-OS system software and GTA hardware into an easy-to install and use dedicated firewall UTM appliance. Comprehensive firewall features such as object encapsulation, policy routing, gateway selector and load balancing allow network administrators to mold the configuration to match network design. Optional upgrades of user counts, mobile VPN client and subscription based services provide the flexibility of the GB-800 and GB-800e to grow with your organization.

## Proven Technology

GTA's GB-OS Firewall UTM operating system has been evolving since its introduction in 1994. Selected around the globe by thousands of corporations large and small, GB-OS system software meets ICSA stringent 4.1 corporate criteria for Internet security firewalls. Today, GB-OS 5.0, builds upon the legacy of 15 years of GTA Internet Security experience.

## GB-800e

The GB-800e Firewall UTM Appliance features VPN hardware acceleration for faster VPN throughput, making it the perfect solution for secure VPN connections to corporate offices, or for telecommuting using the GTA Mobile VPN Client. By off-loading power intensive VPN encryption and decryption to the VPN accelerator, both VPN and standard connections benefit.

## UTM Features

Unlock the GB-800 Firewall UTM Appliance Family's full UTM capabilities with the following features:

- » **Intrusion Prevention System**  
GTA's IPS compares data packets to over 4000 signature-based policy definitions to recognize attacks and protect against network anomalies. IPS carefully analyzes traffic and automatically blocks attacks before they can reach the network. IPS configuration options include the selection of protected services and the handling of suspect packets.
- » **Mail Sentinel Anti-Virus**  
The Mail Sentinel Anti-Virus option provides real-time virus and malware scanning of email against a database of nearly 100,000 virus definitions.
- » **Mail Sentinel Anti-Spam**  
Mail Sentinel Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for the GB-800's email proxy.
- » **Surf Sentinel**  
Surf Sentinel content filtering subscription option allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate Web sites based on over 70 category ratings.



## Product Part Numbers

GB-800 Firewall UTM Appliance 50 Users	FAR600-0050-00000
GB-800 Firewall UTM Appliance Unrestricted Users	FAR600-9999-00000
GB-800e Firewall UTM Appliance 50 Users	FAR6E0-0050-00000
GB-800e Firewall UTM Appliance Unrestricted Users	FAR6E0-9999-00000

## Hardware Specifications

CPU Speed	800 MHz VIA C3
RAM & Flash Memory	256 MB RAM, 1 GB CF
USB Ports	Two (2)
Standard 10/100 Ethernet NICs	Three (3)
Power Supply	One (1)

## Physical Specifications

Width x Depth x Height	11.02" x 9.06" x 1.73"
Weight	4.5 lbs (2 kg)
Operating Temperature	5-40° C
Humidity	20-90% RH, Non-condensing
AC Input Voltage	100-240 VAC/47-63 Hz
Rack Mountable	1-RU Unit (Hardware Included)

## Firewall Modes & System Features

- 128,000 Concurrent Connections (unrestricted users)
- 20,000 Concurrent Connections (50 users)
- 50 or Unrestricted Concurrent Outbound Users
- Unrestricted Allowed Hosts
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Static Routing
- Configuration Objects
- High Availability Option

## Networking & Connectivity Features

- Dynamic Gateway Architecture
- Gateway Failover Selector
  - Multiple WAN Link Support
- VLAN
- Load Balancing
- PPP
- PPPoE
- PPTP Client
- DHCP Client
- ISDN Support
- Async Modem
- USB GSM Modem
- PAP / CHAP Authentication

## Services

- Network Time Service
- DHCP Server
- Dynamic DNS
- DNS Proxy / DNS Server
- SMTP Email Proxy
- Multiple Email Domains Supported
- HTTP Proxy
  - Traditional and Transparent

## VPN

- IPSec VPN
  - Included GTA Mobile VPN Client License
  - Encryption - DES, 3DES, AES, Blowfish and Camellia
  - Authentication - SHA-1, SHA-2, MD5
  - VPN Certificate or Pre-shared Secret Authentication
  - Hub and Spoke VPN Support
  - Manual Key and Auto IKE
- Aggressive Mode
- NAT Through VPN
- Hardware VPN Acceleration
  - Standard on GB-800e

## Traffic Management

- Traffic Shaping
  - OSPF, RIP v1,v2
- Policy Based Routing
  - Source, Destination, Port and Address
- Bandwidth Management

## URL Content Filtering

- Local Content Lists
- Access Control Lists
- Time Based Policies
- Block Java, JavaScript and ActiveX

## Firewall Management

- Web and Console User Interfaces
- GB Commander Support
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates

## User Authentication

- Firewall Authentication with GBAuth, LDAP & RADIUS
- IPSec VPN Authentication
- Active Directory Single Sign-On

## Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status
- GB Commander and GTA Reporting Suite Support

## Intrusion & DoS Prevention

- Customizable IPS Policies
- Alarm Coalescing
- IP Spoofing Protection
- DoS Prevention and Alerting
- Customizable Alarm Thresholds
- Email and SMS Alarm Notifications

## Mail Sentinel Anti-Virus

- Automatic Virus Definition Updates
- Block Email by File Size
- Reject or Quarantine Virus Email
- Subject Line Tagging of Virus Email

## Mail Sentinel Anti-Spam Subscription Option

- Multiple Category Rating System
- Subject Line Tagging by Category
- Reject or Quarantine by Category
- User-defined White and Black Lists
- Greylisting
- Automatic Rule Updates

## Surf Sentinel Subscription Option

- 70+ Category Ratings
- Automatic URL Catalog Updates

## Certifications and Compliance

- FCC / CE
- UL - USA and Canada
- RoHS
- ICSA 4.1 Corporate Certified



1. Power & I/O LEDs
2. NIC Indicator LEDs
3. Power Socket
4. Power Switch

5. 10/100 Mb/s NIC Ports
6. DB-9 Serial Interface
7. USB Ports



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