

EG 1000 SPECIFICATION

FEATURES AND FUNCTIONALITY

Plug and Play

(DAT) Dynamic Address Translation
Dynamic Transparent Proxy
IPv6

Service Provisioning

Home Page Redirect
HTTP & HTTPS Redirect
Portal Page Redirect
Session Termination Redirect
Information and Control Console
Pop-up Logout Button
International Language Support
External Portal WEB Server Mode
Internal Portal WEB Server Mode
Secure XML API Over SSL
Login Page Failover
SMTP Redirection

Network Management

Multi-Level Administration
Centralized RADIUS Authentication
Access Control
WEB Based Interface (WMI)
Command Line Interface (CLI, SSH)
RADIUS Driven Configuration
Bridge Mode
SNMP V2c
System/AAA Log
NTP Support

Policy-Based Traffic Shaping

Class-Based Queueing
Weighted Fair Queueing
Distribution of Unused Bandwidth
Group Bandwidth Management
QoS Tagging (802.1p & Diff Serv)
Per Device Bandwidth Capping

Reliability

Multi-Unit Clustering
Configuration Backup and Restoration
Watchdog
Active / Passive High Availability Failover

IP Address Management

IEEE 802.3/3ul/3ab
DHCP Server, Client and Relay
Multi Subnet Support
IP Upsell
PPPoE Client

Billing Plans Enablement

RADIUS Client
RADIUS Proxy
Port Based Policies
VLAN / Port Mapping
Local Database
Property Management System (PMS)
Credit Card Interface (Paypal)
Bill Mirroring

Access Control and Authentication

Authorization, Authentication & Accounting (AAA)
Walled Garden
Group Accounts
Tri-Mode Authentication
Universal Access Method over SSL
IEEE 802.1x
Smart Client Support (Boingo, iPass)
MAC Authentication
Remember-Me Login
Access Codes
Zone Migration

Advanced Security

iNAT
IPsec Support
IPsec LAN to LAN
PPTP Support
Session Rate Limiting
URL Filtering
MAC Address Filtering
ICMP Blocking
Proxy ARP for Device to Device Communications
Lawful Intercept, monitoring, logging and compliance with legislative requirements
User Agent Filtering

VLAN Support

IEEE 802.1Q
IEEE 802.1ad

PHYSICAL & ENVIRONMENTAL

Physical I/O Ports

2 x GbE RJ45, WAN or LAN configurable,
ACT / LINK and speed for each port
1 x Micro USB 3.0 Console Port
1 x RJ45 Asynchronous PMS Port
(Requires optional license)

Mechanical

1 x reset button
1 x Power on/off button
Thermal Pad (fanless)

Power

12V 3A 36W Power Adapter
AC 100~240V @ 47~63 Hz

Physical

208 mm x 215 mm x 55 mm
(8.19" x 8.46" x 2.16")
Weight: 247g / 0.5lbs

Environmental

Operating temperature: 0°C to 40°C
Operating humidity: 5% to 90%
(non-condensing)
Storage temperature: -20°C to 70°C
Storage humidity: 10% to 95%
(non-condensing)

Certifications

RoHS, CE/FCC Class A, UL, CCC

Capacity

Supports 100-1000 devices

Performance

Supports 500Mbps Max