

**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  
TR069  
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 WAN link Load Balancing & Failover  
Multi-Unit Clustering  
Configuration Backup and Restoration  
Watchdog  
Active / Passive High Availability Failover  
LACP Link Aggregation Control Protocol

**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**

4 x GbE RJ45, WAN or LAN configurable, ACT/LINK and speed for each port  
2 x USB 3.0 Console Port, Requires optional USB to RS232 connection cable  
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**

185mm x 137mm x 44mm  
(7.28in x 5.39in x 1.73in)  
Weight: 1.0 kg (2.2lbs.)

**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 for 400-3000 devices

**Performance**

Supports 1 Gb Max