

SIZED RIGHT FOR SMALL TO MIDSIZE PROPERTIES – INTERNET ACCESS GATEWAY FOR MOBILE DEVICE SUPPORT



NOMADIX AG 2400 ACCESS GATEWAY

The AG 2400 is a next-generation Internet access gateway that extends a wired or Wi-Fi network to create a public Internet access network. Designed for smaller properties, such as hotels with less than 150 rooms, the AG 2400 supports up to 200 simultaneous mobile devices.

NEXT GENERATION PLATFORM FOR SPEED AND DURABILITY

Built upon Intel's high-performance processors, the AG 2400 hardware platform sports built-in flash memory. When combined with the proven Nomadix Service Engine (NSE) Core Software, the AG 2400 becomes an appliance with unparalleled reliability. Regular software updates from Nomadix ensure that the AG 2400 is up to date and performing optimally.



FAST AUTHENTICATION AND SECURE ACCESS CONTROL

Using the Nomadix NSE software engine, the AG 2400 supports multiple authentication models to not only enable users to connect quickly and securely to the Internet but also help business operators prevent unauthorized access. The "Remember Me" function stores subscriber log-ins to create a better user experience.

FLEXIBLE BILLING OPTIONS AND SEAMLESS INTEGRATION

With flexible billing options for both users and business operators, the AG 2400 can charge by volume, time or bandwidth. The gateway also facilitates a wide variety of options through credit card interface over SSL, Radius client or via secure XML API enabling, which includes more than 30 PMS types and third-party application integration. Business operators can generate revenue at every touch point with the user before, during and after connection.

BANDWIDTH MANAGEMENT

Bandwidth management ensures that bandwidth limits can be placed on each device accessing the network. This includes conformable group bandwidth capability so that groups, and even as a collection of subscribers, can be defined as needed for any given purpose. The Information Control Console allows for the increase of bandwidth and a dynamic change in price plans.



COMPATIBILITY

CERTIFIED WIFI WIRELESS ADAPTERS

Platform	Intel based System		
Interface	1-RJ 45 - WAN 3-RJ 45 - ETH 1-12VDC Power Connector 1-RJ 45 - Console 1-DB-9 Serial Connector 2-USB Connectors 1-Reset 1-Power Button		
Power Requirements	Type/Watts: 12VDC 5A 60W Power Adapter Input: AC 100-240V @ 50-60 HZ ~ .6A		
Dimensions	215.5 W x 44 H x 190mmD 1U Rack Mountable		
Weight	1.2 kg		
Environmental Parameters	Temperature Ambient Operating / Storage: 0-40° / -20-70° C Humidity (RH) Ambient Operating / Ambient Non-Operating: 5-90% non-condensing / 5-95% non-condensing		
Regulatory	FCC Class A UL, UL (US and Canada)	CE (Emissions) CB Scheme (CE Safety)	
Concurrent Users	200 devices		
Access Control and Authentication	Tri-Modal Authentication, Authentication and Accounting (AAA) Walled Garden	Group Accounts Universal Access Method over SSL IEEE 802.1x	Smart Client Support (Boingo, IPass) MAC Authentication Remember Me Log-in
Advanced Security	iNAT IPSec Support PPTP Support Session Rate Limiting (SRL)	User Agent Filtering Mac Address Filtering URL Filtering	ICMP Blocking Proxy ARP for device-to-device communication
Billing Plan Enablement	Radius Client Radius (AAA) Proxy Port-Based Policies	Port Mapping Local Databases Credit Card Interface	PMS Advanced XML Interface Bill Mirroring
Branding (establishment)	Parameter Passing enabling branding		
Network Management	Web Management Interface (WMI) Command Line Interface (CLI) Integrated VPN Client for Management Radius-Driven Configuration	Multi-Level Admin Support Centralized Radius Authentication SMTP Redirection Access Control	Bridge Mode SNMPv2c Syslog/AAALog
Media Access Control	CSMA/CA		
Ports	10/100/1000 Base-T Ethernet, RJ-45 (UTP): WAN5-10/10/100/1000 Base-T Ethernet RJ-45 (UTP) LAN	RJ-45 port for Serial Access Systems Console DB9 Serial Port: Property Management Interface	
IP Address Management	IEEE 802.3/3u/3eb IEEE 802.1d DHCP Server	DHCP Relay Multiple Subnet Support IP UPsell	DHCP Client PPPoE Client
Intelligent Roaming	Realm-Based Routing Zone Migration		
Service Provisioning	Home Page Redirect HTTP-Redirect HTTPS-Redirect Portal Page Redirect	Session Termination Redirect Information and Control console Pop-up (explicit) logout button International Language Support	External Web Server Mode Internal Web Server Mode Secure XML API over SSL Login Page Failover
User True Plug and Play	Dynamic Address Translation		
Performance	200 concurrent users or devices Throughput up to 230 Mbps as defined by RFC 1242, Section 3.17		

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