

## **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 fewer than 150 rooms, the AG 2400 supports up to 300 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 enable users to connect to the internet quickly and securely, as well as to help business operators prevent unauthorized access. The "Remember Me" function stores subscriber logins 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 capabilities so that groups, 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.



<b>Platform</b>	Intel-based system		
<b>Interface</b>	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		
<b>Power Requirements</b>	Type/Watts: 12VDC 5A 60W power adapter Input: AC 100-240V @ 50-60 HZ ~ .6A		
<b>Dimensions</b>	215.5 W x 44 H x 190mmD 1U rack mountable		
<b>Weight</b>	1.2 kg		
<b>Environmental Parameters</b>	Temperature ambient operating / Storage: 0-40° / -20-70° C Humidity (RH) ambient operating / Ambient non-operating: 5-90% non-condensing / 5-95% non-condensing		
<b>Regulatory</b>	FCC Class A UL, UL (U.S. and Canada)	CE (emissions) CB scheme (CE safety)	
<b>Concurrent Users</b>	300 devices		
<b>Access Control and Authentication</b>	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 login
<b>Advanced Security</b>	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
<b>Billing Plan Enablement</b>	Radius client Radius (AAA) proxy Port-based policies	Port mapping Local databases Credit card interface	PMS advanced XML interface Bill mirroring
<b>Branding (establishment)</b>	Parameter passing enabling branding		
<b>Network Management</b>	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
<b>Media Access Control</b>	CSMA/CA		
<b>Ports</b>	10/100/1000 Base-T Ethernet, RJ-45 (UTP): WAN5-10/100/1000 Base-T Ethernet RJ-45 (UTP) LAN	RJ-45 port for serial access Systems console DB9 Serial Port: Property management interface	
<b>IP Address Management</b>	IEEE 802.3/3u/3eb IEEE 802.1d DHCP server	DHCP relay Multiple subnet support IP UPsell	DHCP client PPPoE client
<b>Intelligent Roaming</b>	Realm-based routing Zone migration		
<b>Service Provisioning</b>	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
<b>User-True Plug and Play</b>	Dynamic address translation		
<b>Performance</b>	300 concurrent users or devices Throughput up to 230 Mbps as defined by RFC 1242, Section 3.17		

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