

WiFi Equipment

Our product line is versatile, modular and scalable. Combinations of our three core devices are capable of covering any sized location and are compatible with any internet bandwidth source, including: DSL, Cable, Satellite, T1, ISDN, and even other WISPs. A pay-per-use and coupon based access management system is built into each device to control who uses the internet connection and for how long. Bandwidth shaping technology is also included to automatically throttle a user's connection to the internet ensuring fair usage across your entire network, outgoing spam is automatically restricted, and file sharing capabilities are turned off by default. We strongly believe that our product line provides the best managed wireless internet service access anywhere.

NomadISP Advantages:

System Management: All of our products can be managed by a simple web based portal. {Demo it here!} Features include; viewing individual bandwidth usage, blocking user access, adding computers to a preferred access list, printing coupons, updating system pricing, and paying monthly management fees. Most of our product features are automatic, such as the fair bandwidth allocation and spam detection, and require no configuration or management.

Security: Our products provide a secure wireless environment for your guests. Each users is authenticated by both the MAC address of their wireless enabled computer and by a user account. Office computers may be added to a preferred device list to access the internet without logging in. All connected computers and devices are protected by a robust firewall and any personal information collected during registration is encrypted using SSL, the same protocol banks use to secure their customer's information during online banking sessions.

User Management: NomadISP actively tracks the data throughput of each user. Users that exceed pre-determined transfer limits are progressively throttled back so they do not negatively impact the experience for other users on the system. Known spyware and peer-2-peer file sharing ports are blocked to further prevent bandwidth abuse. We also actively monitor for excessive emailing, an indication of spamming.

Series V - WiFi Authentication Gateway

The Series V is an industrial-grade point-to-multipoint outdoor wireless system, offering high capacity and range designed for quick deployment in dense usage areas. When installed as a standalone system or in conjunction with additional repeaters, Series V will provide wireless accessibility surpassing that of other commercial wireless solutions.
Technical Specs

MSRP: \$1,595

Series V - Long Range Wireless Repeater This dual antenna wireless repeater combines the capabilities of the NomadISP Series V Wireless Gateway with a long range wireless bridge, creating a point-to-point-to-multipoint WiFi repeater. A directional backhaul antenna connects this device to any existing Series V Wireless Gateway or another Series V Repeater creating a chain of Nomad WiFi devices. The second antenna rebroadcasts the wireless signal to users, ideal for distributing WiFi in large hard to cover areas.

Technical Specs

MSRP: \$1,295

Series V - Fill In Wireless Repeater This device uses one antenna to receive and rebroadcast any Nomad WiFi Signal within a limited geographical area; boosting a weak signal otherwise unusable by most wireless adapters.

MSRP: \$895

Series V Product Specification PERFORMANCE:HARDWARE:PUBLIC-ACCESS: User Support: Up to 150 concurrent connections

Throughput: Wireless up to 54Mbps/s

Throughput: Wired up to 100 Mbps/s

Up to 27.78dBm (600mW) RF Output

133 Mhz+ ARM CPU

128 Mbyte SDRAM

1 10/100 Mbit Ethernet port, RJ-45

Hardware Watchdog w/ temperature sensing Bandwidth Management

Global Roaming Support

Proxy Acceleration

Captive Portal User Redirection

Personalized User Splash Page

Co-brandable for OEM Deployments

PHYSICAL:SECURITY:POWER:Wall or Pole Mounted

8.25(W) x 1.75(D) x 7(H) inches

Weight: 2.72 lbs. / 1.27 Kg.

MAC/IP Address Filtering
Dynamic Firewall NetBIOS Filtering
Designated Private Network
Individual User Subnets
Encrypted Backhaul communication

External Power Supply 11-56V DC, max 10 Watt
Supports Power over Ethernet (802.3af Standard)REGULATORY:AUTHENTICATION: ENVIRONMENT:FCC Class A,
Part 15
CE Mark
EN55022 & EN55024 Universal Secure Web Transaction (SSH/SSL)
Redundant Local/Remote Access Control List
User Account + MAC Address Authentication

Operating temperature: 0-60°C
Operating humidity: 20-90% RH
Non-Condensing LEDS:MANAGEMENT: Internal Power Indicator
Internal Error IndicatorAuto Configuration Repair & Firmware Updates
Remote Administration and 24x7 monitoring