Built for Your Business Needs

The Pace 4111N intelligent gateway provides carriers the right balance of quality and affordability in the increasingly competitive ADSL business environment.

The Pace 4111N gateway incorporates next generation technology to deliver data-over-ADSL service. Fortified with Pace engineering expertise, it couples a solid ADSL gateway feature set with high quality materials where they matter, to reduce total cost of ownership (TCO) and improve subscriber satisfaction.

Leading 802.11n Wireless Performance

Supporting a Wi-Fi Alliance-certified, high-powered MIMO solution, Pace 4111N gateways offer a compelling alternative to standalone commercial wireless routers. The product includes a high-performance wireless router–up to four times more powerful than standard routers–integrated into a managed ADSL gateway for enhanced customer home network support.

Fail-Safe Firmware Upgrades

Typical firmware upgrade schemes rely on an uninterrupted power source and a steady network connection to the gateway. Without these, firmware upgrade files can become corrupt, rendering the gateway inoperable and requiring a replacement gateway or costly truck roll. With its unique hardware- and software-focused approach, the Pace 4111N gateway eliminates these risks. By allocating specific gateway memory resources to this dedicated use, firmware images can be downloaded to the gateway completely, and then checked for integrity before loading. This diversified approach has consistently proven valuable in reducing subsequent care costs, subscriber dissatisfaction, and churn.

Easy Configuration and Troubleshooting

The Pace 4111N gateway includes the streamlined Pace gateway user interface (UI), with a user-friendly, welcoming design that makes it simple for a subscriber to troubleshoot or change gateway settings. Links to common networking actions are placed directly on the main UI page, so subscribers can easily find and manage controls. And if a problem occurs, the gateway can automatically redirect the subscriber to a self-resolution path.

Extended Surge Protection

Associated support and CPE replacement costs following a power surge can diminish your bottom line. Reduce these unexpected post-deployment expenses with the HomePortal 4111N gateway.

This ADSL gateway's hardware is robust enough to handle an unexpected surge in power of up to 6 kV flowing from either the gateway's ADSL port or AC power supply, preventing unnecessary expenditures on truck rolls and replacement gateways.

Key Features and Benefits

- Enhanced Wireless Range
- Carrier-Quality, TR-069-Compliant Network Platform
- Intelligent Service Delivery Platform
- Robust Firewall
- Extended Surge Protection

Main Interfaces

- 1 ADSL Broadband Modem Port
- 4 10/100BT Ethernet Ports
- 802.11b/g/n Wireless Access Point (2.4 GHz, 2x2 MIMO 802.11n)

Pace 4111N
Technical Specifications

ADSL Modem

ADSL 1, ADSL 2, ADSL 2+

T1.413 Issue 2, G.992.1, G.992.3, G.992.5

TR-067- and TR-100-compliant

Wireless Functionality

IEEE 802.11n wireless access point, backwards compatible with IEEE 802.11b/g

Security: Encryption types WEP64, WEP128, WPA, WPA2

Automatic channel selection

MAC-based filtering

Local Network Interfaces

Ethernet 10/100 with auto-crossover (4-port RJ-45)

802.11n 2x2 MIMO wireless access point

Software Tools and Diagnostics

Simple Web-based user interface for easy configuration and diagnostics

Quick summary page with shortcuts to most commonly used features

Network Protocol Support

IPv6, IPv4, TCP, UDP, ARP, ICMP

DHCP client/server, DNS client/server, HTTP client and server

PPPoE, PPPoA, PAP, CHAP, RFC 2684/1483 Ethernet

Supports up to 4 PPP links and up to 4 PVCs

Security

Integrated firewall includes stateful packet inspection (Layer 4) and local IP spoofing verification

NAT/PAT Support

Standard NAT/PAT between LAN and WAN

Automated NAT pass-through for LAN client-initiated VPN tunnels (IPSec, PPTP, L2TP), SIP, H.323, RTP

Easy-to-configure NAT pass-through (pinholes) for common applications (games, servers, etc.)

DMZplus for automatic WAN IP assignment to a local computer

Supports most popular ALGs: FTP, H.323, IPSEC-IKE/ESP, IRC, MSN, PPTP, RTP, RTSP, and SIP

Standard Hardware Features

TR-068-compliant industrial design and LED indicators

Horizontal desktop placement, or vertical placement via provided stand

External power supply

Physical Specifications

6.0" x 5.6" x 1.3" (15.3 cm x 14.3 cm x 3.4 cm)

0.7 lbs (0.3 kg)

Operating Environment

Temperature: 32° to 104° F (0° to 40° C)

Humidity: 5% to 95%, non-condensing

Altitude: -197' – 6,000' MSL

For more information on the Pace 4111N or any other Pace product please visit our website www.pace.com/americas

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This specification is subject to change without notice