

ZyXEL



Robust Security Gateway for Easy Deployment

- **ADSL2+ Internet Access**
- **Wireless g+ SuperSpeed Technology**
- **Media Bandwidth Management**
- **Wireless Multimedia (WMM)**
- **IPSec VPN**

Benefits

High-speed and Wide-ranged Wireless LAN Connectivity

Compliance with the IEEE 802.11g wireless standard allows the P-661HW-D Series to reach data transmission speeds of up to 54Mbps. Moreover, with ZyXEL's exclusive Wireless g+ SuperSpeed technology, the P-661HW-D Series offers wireless transmission rates of up to 125 Mbps to easily extend a wired network to provide access mobility and flexibility.

Robust Firewall Security and IPSec VPN

The ICSA-certified ZyNOS operating system ensures state-of-the-art firewall performance and robust security in the P-661HW-D Series. With the Stateful Packet Inspection (SPI) feature to prevent Denial of Service (DoS) and Distributed Denial of Service (DDoS) attacks, the P-661HW-D Series is the first line of defense against hackers, network intruders, and other harmful threats. Furthermore, its VPN feature encrypts data sent over the Internet to ensure secure communication between two sites without the need of a private leased line. Thus the P-661HW-D Series gives you secure global interconnectivity at a low cost.

Easy Setup with Multimedia Auto Provisioner Express (MAP Express)

Through its interactive multimedia interface, ZyXEL Multimedia Auto Provisioner Express (MAP Express) offers comprehensive instructions for even non-technical users to follow step by step to easily install and configure the device with simple mouse clicks.

With the interactive Installation Tutorial, users can change the speed of the presentation using the control buttons on the navigation tool bar. In addition, the user-friendly Configuration Genie allows users to easily monitor the auto-configuration status and follow the on-screen instructions to complete the installation without hassle.

802.11g Wireless ADSL2+ 4-port
Security Gateway

P-661HW-D SERIES



ROUTER

Specifications

ADSL

- RADSL (ANSI T1.413, Issue 2)
- G.dmt ADSL over POTS (G.992.1 Annex A)
- G.dmt ADSL over ISDN (G.992.1 Annex B and U-R2)
- G.lite (G992.2)
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)
- Reach-Extended ADSL (RE ADSL) G.992.3 Annex L

ATM

- Support up to 8 PVCs
- ADSL physical connection ATM AAL5 (ATM Adaptation Layer type 5)
- Support multi-protocol over AAL5 (RFC 1483/2684)
- VC-based and LLC-based multiplexing
- Traffic Shaping UBR, CBR, VBR-nrt
- ATM Forum UNI 3.1/4.0 PVC
- I.610 F4/F5 OAM

Routing/Bridge Support

- IEEE 802.1d Transparent Bridging
- 802.1q Pass-through Bridge
- Up to 256 MAC Learning Address
- IP Routing: TCP, UDP, ICMP, ARP
- RIP v1 and RIP v2
- Static Route
- IP Multicasting, IGMP v1 and v2

IP Management

- SUA/Multi-NAT Internet Sharing
- VPN (IPSec, PPTP) pass through

- VoIP SIP Pass-through
- Protocol and Generic Packet Filter
- DNS Proxy
- Dynamic DNS
- DHCP Server/Relay/Client
- UPnP support

Security

- Stateful Packet Inspection Firewall
- Prevent DoS, DDoS Attack
- Policy based Access Control
- Content Filtering
- Password-protected System Management Terminal
- PAP (Password Authentication Protocol)
- CHAP (Challenge Handshake Authentication Protocol)

Virtual Private Network

- 2 IPSec VPN Tunnels
- IKE and Manual Key Management
- AH and ESP Protocol
- DES, 3DES and AES Encryption
- SHA-1 and MD5 Authentication
- Tunnel and Transport Mode Encapsulation

Wireless

- Compliant with IEEE 802.11b/802.11g
- Wireless g+ SuperSpeed Technology
- 64/128/256 bit WEP Encryption
- MAC Address Filtering
- WPA, WPA-PSK/TKIP
- WPA2
- WMM (Wireless Multimedia)
- Multi-ESSID, Full Channels Support

Advanced

- MBM (Media Bandwidth Management) QoS
- Zero configuration
- Multimedia Auto Provisioner

Hardware Specifications

- DSL Interface
 - RJ-11 Connector for P-661HW over POTS
 - RJ-45 Connector for P-661HW over ISDN/U-R2
- LAN Interface: 4-port Switch, 10/100M Auto MDI/MDIX
- Wireless: 3dBi Antenna
- Reset Button
- Status LED Indicator: POWER, ETHERNET, WLAN, DSL, INTERNET
- Power: 12V AC

Physical Specifications

- Dimension: 178 (W) x 125 (D) x 36 (H) mm
- Weight: 360g

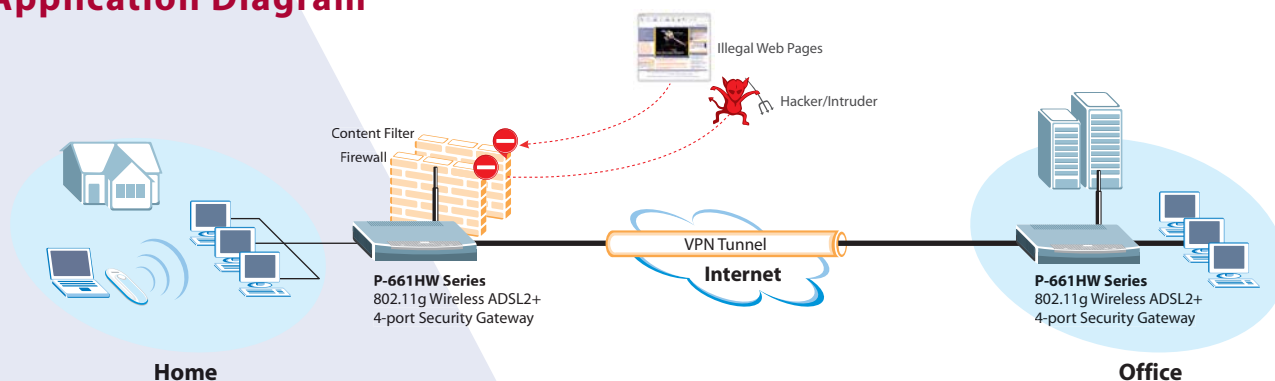
Environmental Specifications

- Operation Environment
 - Temperature: 0°C ~ 40°C
 - Humidity: 20% ~ 85% (non condensing)
- Storage Environment
 - Temperature: -20°C ~ 60°C
 - Humidity: 20% ~ 90%

Product Description

- P-661HW-D1** 802.11g Wireless ADSL2+ 4-port Security Gateway over POTS
- P-661HW-D3** 802.11g Wireless ADSL2+ 4-port Security Gateway over ISDN
- P-661HW-D7** 802.11g Wireless ADSL2+ 4-port Security Gateway over U-R2

Application Diagram



For more product information, visit us on the web www.ZyXEL.com