ZyXEL

Advanced Security and Mobility
ADSL 2+ Gateway

Benefits

Higher-speed Internet Access

The P-661HW series is compatible with high-speed ADSL, ADSL2 and ADSL2+ interfaces over existing copper lines. With speeds of up to 12Mbps (ADSL2) or 24Mbps (ADSL2+), the P-661HW series offers higher data transfer rates and better bandwidth than traditional ADSL gateways. It also supports RE ADSL (Reach Extended ADSL) for higher speed and longer distance. With excellent performance and upward compatibility, the P-661HW series is great as the bridge between today's communication needs and tomorrow's converged services.

Higher-speed and Wider-range Wireless LAN Connectivity

Compliance with the 802.11g wireless standard allows the P-661HW series to reach data transmission speeds of up to 54Mbps. Moreover, with ZyXEL's exclusive Wireless g+ SuperSpeed technology, the P-661HW series can deliver wireless transmission rates of up to *125 Mbps to easily extend a wired network for mobility and flexibility.

Robust Firewall Security and IPSec VPN

The ICSA-certified ZyNOS operating system ensures state-of-art firewall performance and robust security from the P-661HW series. Based on Stateful Packet Inspection, DoS (Denial of Service) and DDoS features, it provides the first line defense against hackers, network intruders, and other harmful threats. Furthermore, its VPN feature supports data encryption over the Internet to ensure secure data transmission between two sites, and can be used to replace a private leased line, allowing global interconnectivity with minimal expense.

Media Bandwidth Management

The P-661HW series enables network administrators to allocate network resources and to guarantee Quality of Service (QoS). The MBM (Media Bandwidth Management) function prioritizes media services, and increases productivity and efficiency in daily operations by tailoring a system to specific demands such as VoIP, video streaming, video-conferencing or MP3 applications.

Trend Micro Security Service (TMSS)

The embedded TMSS (Trend Micro Home Network Security Service) feature not only helps to identify the vulnerabilities and security holes on PCs, but also protects both the network and the PCs within from virus and hacker attacks. TMSS includes redirected page setting, virus protection and parental control that are easy to configure via the TMSS Dashboard.

Multimedia Auto Provisioner · TREND MICRO Home Network Security · ADSL 2+ · Firewall · VPN · MBM · 125Mbps 2.4GHz 802.11 g

802.11g Wireless ADSL2+ Gateway

P-661HW SERIES

WIRELESS

ZyXEL

Specifications

System Specifications

ADSL Compliant
- 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 (G.992.2)
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)
- Reach Extended ADSL (RE ADSL)

ATM Support
- 8 PVCs Support
- RFC 1483/2684 Multiple Protocol over AAL5
- RFC 2364 PPP over AAL5
- RFC 2516 PPP over Ethernet
- VC and LLC Multiplexing
- Traffic Shaping UBR, CBR, VBR
- ATM Forum UNI 3.1/ 4.0 PVC
- I.610 OAM F4/F5 loop-back, AIS, and RDI OAM cells
- TR-37, TR-62 DSL Auto Configuration

Firewall Security
- Stateful Packet Inspection
- Prevent DoS, DDoS Attack
- Policy-based Access Control
- Content Filtering
- IP & Generic Packet Filtering
- Real-time Attack Alert and Logs

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
- Comply with 802.11b/802.11g
- Wireless g+ SuperSpeed Technology*
- 64/128/256 bits WEP Encryption
- Dynamic WEP Key
- MAC Address Filtering
- WPA, WPA-PSK/TKIP
- One-Touch Intelligent Security Technology (OTIST)
- 802.1x Authentication with RADIUS Client

Routing Support
- IEEE 802.1d Transparent Bridging
- IP Routing: TCP, UDP, ICMP, ARP
- RIP1v1 and RIPv2
- IP Multicast IGMP v1/v2
- IP Policy Route

IP Management
- SUA/Multi-NAT Internet Sharing
- Multimedia Support
- VPN (IPSec, PPTP, L2TP) Pass-through
- DHCP Server/Relay/Client
- DNS Proxy
- Dynamic DNS
- UPnP Support

Network Management
- Web based Configuration
- Command-line Interpreter (CLI)
- Telnet Remote Management
- SNMP Support
- FTP/TFTP firmware upgradeable and configuration backup/restore
- Built-in Diagnostic Tool

Application
- Trend Micro Security Service (TMSS) Support
- MBM (Media Bandwidth Management) QoS

- Zero Configuration
- Traffic Redirect
- Call Scheduling
- Budget Management
- Multimedia Auto Provisioner

Hardware specifications
- ADSL: One RJ-11 or RJ-45 Port
- LAN: 4-Port Switch, 10/100M Auto MDI/MDIX
- Antenna: 2dbi
- Reset Button
- Status LEDs Indicator
- Power 12V DC

Physical specifications
- Dimensions : 180(L)x 128(W)x 36(H)mm
- Weight: 350 g

Environmental specifications
- Temperature: 0°C ~ 40°C
- Humidity: 20 ~ 85 % (non-condensing)

Product Description
P-661HW-61
802.11g Wireless ADSL2+ Gateway over POTS
P-661HW-63
802.11g Wireless ADSL2+ Gateway over ISDN
P-661HW-67
802.11g Wireless ADSL2+ Gateway over U-R2

What's TMSS?

Trend Micro Home Network Security Services are the easiest, most convenient way to protect your PCs and entire home network from viruses, hackers, spyware, and other Internet security threats. Trend Micro-powered security features built into your router combined with integrated security services on your PCs create a comprehensive and easy to use home network security solution. For detail information, please check the Web site at http://www.trendmicro.com/support/tmss/

* When the Wireless g+ SuperSpeed technology is enabled, the theoretical data rate can reach up to 125Mbps among Wireless g+ SuperSpeed-enabled access points and clients. Actual performance may vary depending on different operating environments.

High-speed Access with Advanced Security for SOHO/Small Office
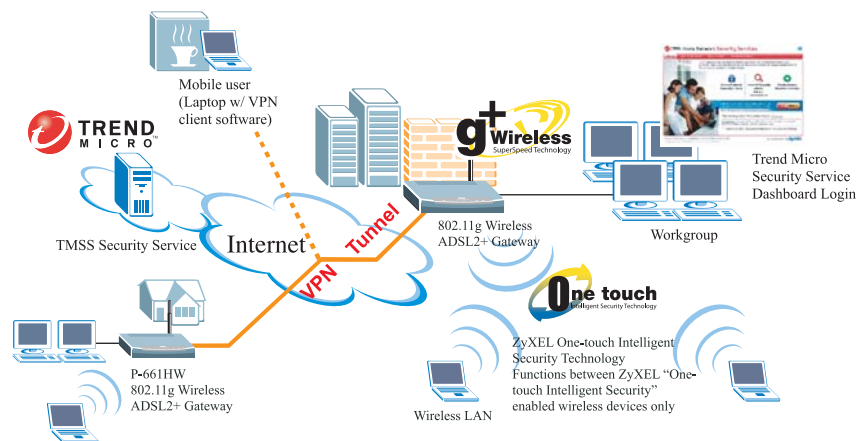
For more product information, visit us on the web www.ZyXEL.com

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