ZyXEL

- **High powered 802.11n access point with 26dBm EIRP**
- **Dual IPv6 routing supports multiple networks**
- **Standards based WPS simplifies secure WLAN setup**
- **Effective bandwidth management enhances IPTV applications**
- **Remote provisioning, monitoring, and management via TR-069**

Ultra High Speed 802.11n ADSL2+ Wireless Gateway

Benefits

ADSL2+ High Speed Broadband Access

The P-660HN is based on ADSL2+ standards which not only creates fast access to the Internet, it also maintains stable connections and enough bandwidth to surf the Internet. Simultaneous streaming video/audio content and online-gaming are now faster and smoother.

High Powered 802.11n Technology

The P-660HN features high-powered 802.11n technology with 26dBm EIRP which provides the ultimate solution: improved speed, reduced dead zones, and extended coverage. With data rates of up to 300 Mbps, the P-660HN provides stable and reliable wireless connections for high-speed data and multimedia delivery.

Enhanced Security Features Forms Robust Protection

Enhanced security ensures the protection of your traffic from the WAN to the LAN. Through ZyXEL's implementation of dual Ethernet firewalls (NAT and SPI), the P-660HN is able to identify and manage malicious content and applications. And, as part of its wireless security design, the P-660HN Series supports WPA-2/WPA/WEP and features a hardware WPS button allowing the customer to enjoy easy setup with a single click. These features simplify the end user's ability to set up and deploy a secure, wireless network.

TR-069 Remote Management

The P-660HN provides DSL Forum compliant TR-069 remote management features to ensures faster deployment by Service Providers. In addition, ZyXEL's standard onboard management options, remote provisioning, monitoring, and management features help service providers reduce OPEX while enhancing customer satisfaction.

IPv6 Enabled

Many North American carrier networks are migrating from IPv4 to IPv4/IPv6 which creates the potential for stranded equipment unable to support these requirements. Certified as an IPv6-ready vendor, ZyXEL has been a global-provider of equipment supporting this protocol for over three years, and, this feature is available on current ZyXEL products, including the P660HN.

PTM Enabled

With the transition to IPDSLAM-based access networks, the need to support PTM WAN connectivity is also required by many carriers. The P660HN series provides Service Providers the ability to upgrade their CPE to PTM in support of next generation DSL services.

P-660HN-51

ADSL2+ Gateway

Wireless Scheduling · TR-069 · 802.11 n 300 Mbps · b g WiFi CERTIFIED® n

Specifications

ADSL Compliant

• ITU 992.1 (G.dmt)

• ITU 992.3 ADSL2 (G.dmt.bis)

• ITU 992.5 ADSL2+

• Reach-Extended ADSL (RE ADSL)

• Annex L/M support

WLAN

• IEEE 802.11n compliant

• Backwards compatible with 802.11b/g

• Frequency Operation: 2.4 GHz

• 64/128 bits WEP data encryption

• WPA/WPA2 (Wi-Fi Protected Access) security

• Wireless scheduler

• Wi-Fi Multimedia (WMM)

• WPS (Wi-Fi Protected Setup)

Router

• IPv6 / IPv4 Dual Stack

• IPv6 Rapid Deployment (RD)

• NAT (Maximum 4,000 sessions)

• SIP ALG pass-through

• NAT port forwarding

• PPPoE pass-through

• Dynamic DNS

• IP Alias

• DHCP server/client/relay

• RIP I/RIP II support

• IGMPv1 and v2 support

• UPnP support

• 802.1Q/1P

Firewall

• Stateful Packet Inspection (SPI)

• Denial of Service (DoS) prevention

Security

• Multiple VPN (IPSec, PPTP) pass-through

• Packet filtering

• URL keyword blocking

Management

• Embedded web configuration

• TR-069 HTTPS support

• Logs and Statistics

• SNMP v1 and v2 with MIB II

• Remote management control: Telnet, FTP, Web, SNMP, and DNS

• CLI command

Hardware Specifications

• ADSL port: 1 x RJ-11

• Ethernet port: 4 x RJ-45

• USB port: 1x USB2.0 Host Type A socket (optional)

• Power input (12 VDC 1 A)

• Power switch

• Reset button

• WPS and WLAN on/off hardware button

• 2x2 internal antennas with MIMO technology

• 6kV surge protection through the RJ-11 port

• LED displays: Power, Ethernet (1-4), WLAN/WPS, DSL, Internet

Physical Specifications

• Weight: 0.81 lb (365 g)

• Dimensions:

7.44 (W) x 5.2 (D) x 1.65 (H) inches

[189 (W) x 132 (D) x 42 (H) mm]

Environmental Specifications

• Operating temperature: 32°F ~ 104°F (0°C ~ 40°C)

• Storage temperature: -4°F ~ 140°F (-20°C ~ 60°C)

• Operating humidity: 20% ~ 90% (non-condensing)

• Storage humidity: 20% ~ 90% RH (non-condensing)

GREEN ZyXEL is a top-ranked green enterprise whose care for the environment is internationally recognized. ZyXEL products use toxin-free, energy-efficient and easily-recyclable materials.

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