



Providing Differentiating Hospitality Services Wirelessly

- All-in-one design with Wireless AP, Bridge, and Repeater mode available
- Easy-to-deploy and All-in-one Wireless LAN Extension for Hospitality
- Supports Intra BSS traffic blocking and Layer 2 isolation
- Supports SNMP software AP management tool
- Efficient centrally managed AP



802.11g Wireless AP
with WDS

G-3000H

Benefits

Best Affordable Business-Level Wireless AP

Arguably the best business-level AP in the low-to-moderate price range, the ZyXEL G-3000H is a capable wireless AP solution designed with enterprise-level security features and easy deployment in mind. Users, especially cost-sensitive SMBs and hotels, will benefit from the extremely low operating expenses.

Robust Enterprise-Level Security

The G-3000H supports Wi-Fi WPA technology and advanced security features, such as Intra-BSS Traffic Blocking and Layer 2 Isolation. Additional technologies like TKIP encryption and 802.1x EAP-MD5/TLS/TTLS/PEAP authentication keep confidential user data from unauthorized access. Users can roam freely without data theft concerns. Rest assured that your data will be safe when connecting to the Internet in hotel rooms.

Flexible Design

802.3af Power over Ethernet (PoE) extends the reach of the wired network to locations where deploying conventional power lines proves difficult. Its removable antenna with RP-SMA connector also solves the problem deploying in harsh environments. The antenna can be replaced with the high-gain model to further extend wireless range.

Easy Deployment with Extended Wireless Coverage

The WDS (Wireless distribution system) allows easy deployment with enhanced wireless coverage that extends the user-accessible distance to the Internet with point-to-point, point-to-multipoint bridge and repeater functions. The G-3000H also features adjustable transmit power output for even more flexible wireless coverage.



Specifications

Standard Compliance

- IEEE 802.3u support
- IEEE 802.11g support
- IEEE 802.11b support
- IEEE 802.1x support
- IEEE 802.1d
- Wi-Fi Certified

WDS

- AP & Bridge simultaneously
- Point to point bridge
- Point to multi-point bridge
- Repeater mode

Security

- MAC filtering
- 64/128 bits WEP
- 802.1x/EAP
- WPA/WPA2 (TKIP/AES)
- WPA-PSK
- Dynamic WEP key exchange

- Mixed WEP & WPA mode (support both WEP & WPA clients)
- Intra-BSS traffic blocking
- Layer2 isolation
- VPN passthrough
- HTTPS (SSL)

Management

- Embedded Web Configurator management
- Command-line interface
- Telnet support
- SNMP management
- DHCP client
- Built-in diagnostic tool

Wireless Application

- Unlimited user client access
- Configurable output power
- Roaming

Hardware Specification

- Frequency range: 2.412GHz ~ 2.484GHz
- RF Modulation: OFDM, DSSS
- Transmit power: 0dBm ~ 17dBm (typical)
- Receive sensitivity: -65dBm@54Mbps, -80dBm@11Mbps
- Antenna: 2dBi detachable antenna

Environmental Specification

- Operating Temperature: 5°C ~ 50°C
- Operating Humidity: 10% to 90% RH
- 12VDC, 1.5A

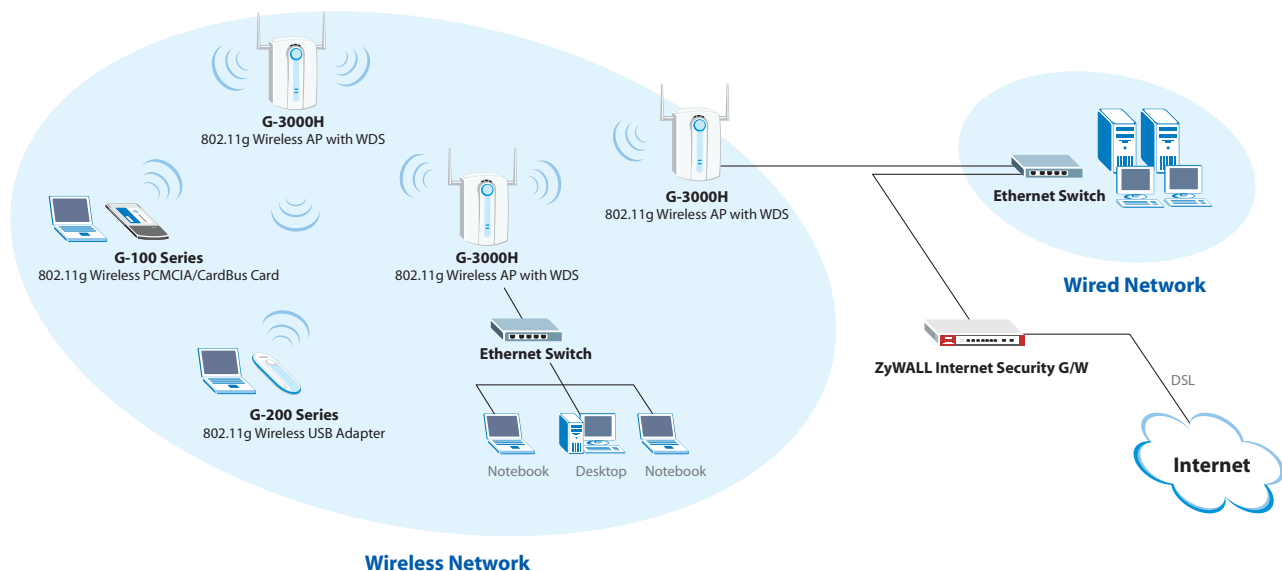
Physical Specification

- 152(W) x 92(D) x 45(H) mm

Certification

- EMC: FCC Class B, CE-EMC Class B, C-Tick Class B
- Safety: CSA International, CE EN60950-1

Application Diagram



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

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