



Enabling Wi-Fi Convergence for Enterprise Applications

Benefits

Superb Coverage for Large-Scale Deployments

The NWA-3163 Access Point is a WLAN solution featuring high-power 2.4 GHz, 802.11b/g and PoE (Power-over-Ethernet) capabilities designed for small- to medium-sized enterprises. It is built with LSOH (Low Smoke Zero Halogen) material and is compliant with UL2043, the so-called plenum rating that supports installation in environmental airspaces such as areas above suspended ceilings. The NWA-3163 high performance radio can provide superb coverage in office area or hospitality environments.

Enterprise Class Security

ZyXEL delivers enterprise-class security features to small and medium businesses. To shield wireless communication at the source, WPA2 with TKIP/AES encryption provides the latest and toughest standard-based security while WEP encryption supports legacy wireless clients. Additionally, WPA2 ensures the compatibility with all Wi-Fi-certified wireless clients.

Virtual AP for Specific Applications

The NWA-3163 supports up to 8 multiple SSIDs with 802.1Q VLAN tag. This function makes the NWA-3163 perform as multiple virtual APs. The NWA-3163 also provides pre-defined voice SSID and guest SSID for optimized voice prioritization, and offers top-level security for guest access without difficulties of complicated configuration efforts.

Powerful Management with Scalability for Massive Deployment

This access point supports a wide variety of administration features with powerful and secure control over the system. The NWA-3163 also provides a breakthrough benefit by using a centralized account on RADIUS server to control all the NWA-3163 access points; this simplifies management efforts and improves network security. Moreover, users can perform massive installation and configuration upgrades with the auto-configuration function. Simply put, the NWA-3163 is the best choice for small to medium enterprises.

- High Power 802.11 b/g Radio
- Wi-Fi Multimedia (WMM) + Auto Traffic Classifier (ATC)
- Wi-Fi WPA2-Certified
- Multiple SSID with Predefined VoIP, Guest SSID
- Powerful and Secure Management



802.11g Wireless
Business Access Point

NWA-3163

Specifications

System Specifications

Standard Compliance

- Ethernet
 - IEEE 802.3
 - IEEE 802.3u
- WLAN
 - IEEE 802.11b/g

Radio

- Output Power: Up to 200 mW
- Modulation Type:
 - 802.11b: DBQSK, DQPSK, CCK
 - 802.11g: BQSK, QPSK, 16QAM, 64QAM
- Frequency Band
 - USA: 2.412 to 2.462 GHz
 - ETSI: 2.412 to 2.472 GHz
 - Taiwan: 2.412 to 2.462 GHz

Coverage Range

- 11g:
 - Indoor: up to 130 m
 - Outdoor: up to 500 m

Antenna

- 3 dBi Omni Directional detachable antenna

Performance

- Wired Data Rates: 10/100 Mbps Auto-sensing (full-duplexing switch)
- Wireless Data Rates:
 - IEEE 802.11b (auto-fallback):
 - CCK: 11, 5.5 Mbps
 - DQPSK: 2 Mbps
 - DBPSK: 1 Mbps
 - IEEE 802.11g (auto-fallback):
 - OFDM: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps

Security

- Wireless Access: 152-bit WEP data encryption
802.1x authentication with MD5/TLS/TTLS/PEAP
WPA/WPA2 support

Hardware Specifications

- Ethernet port: 10/100Base-T full duplex RJ-45
- Reset button: Yes
- Power over Ethernet: Yes
- Power supply: 12 V DC, 1.5 A

Physical Specifications

- Dimensions: 138.5 (W) x 198.5 (D) x 47.5 (H) mm
- Weight: 420 g

Environmental Specifications

Operating Environment

- Temperature: 0°C ~ 50°C
- Humidity: 20% ~ 95% (non-condensing)

Storage Environment

- Temperature: -30°C ~ 60°C
- Humidity: 20% ~ 95%

Certification

Radio

- FCC Part 15C 15.247
- DGT LP0002

EMC

- FCC Part 15B

Safety

- CSA International
- CSA 60950-1
- IEC 60950-1
- EN 60950-1
- UL 60950-1
- ANS/UL 2043 Compliant

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



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