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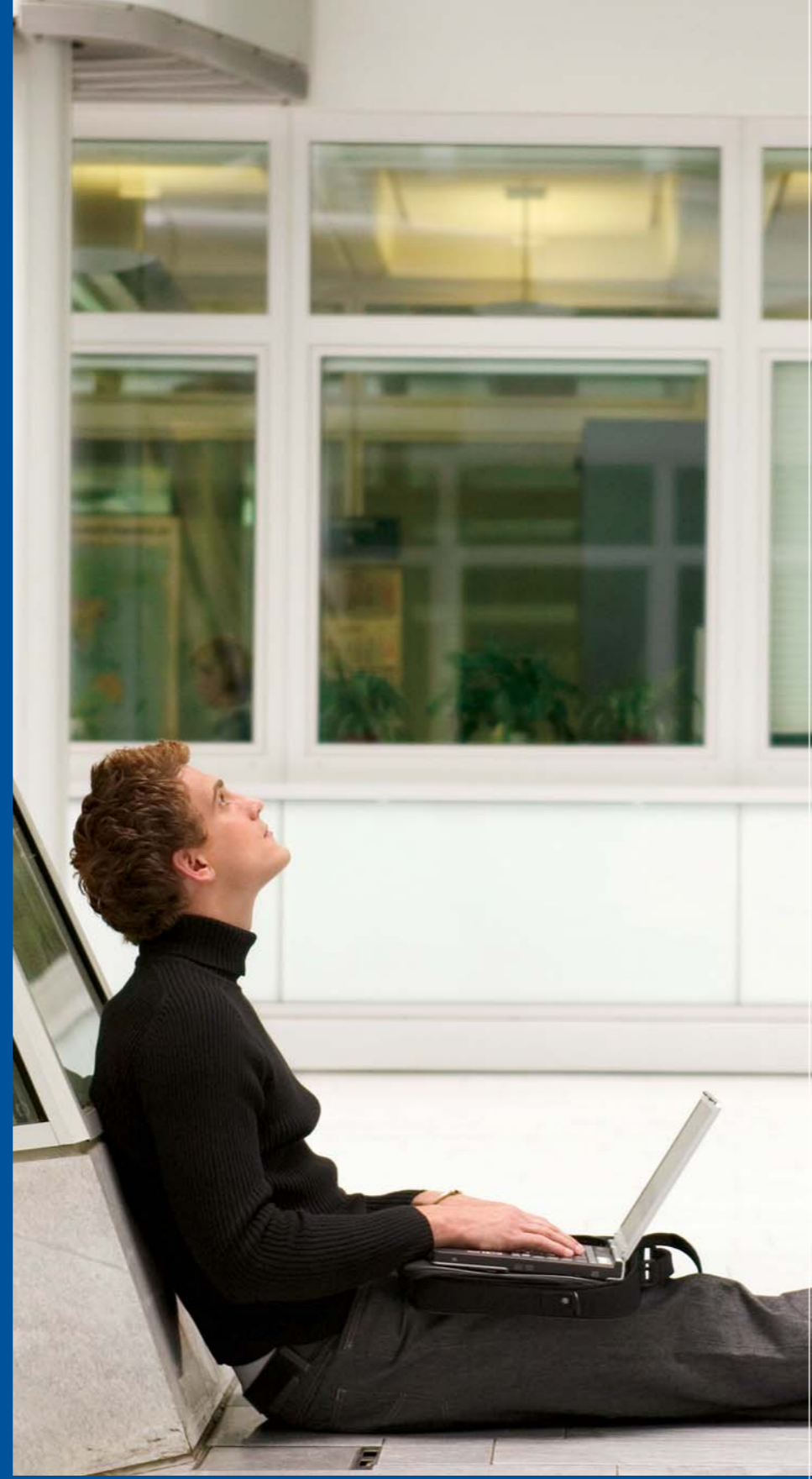
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### ZyXEL Hybrid AP Solution:

- WLAN Controller, Managed AP and Stand-Alone AP: 3-in-one Configurable Hybrid AP
- Centralized Management for Up to 8 WLAN Access Points
- Secured Tunnel for Communication between Controller and Managed AP
- Auto Channel Assessment
- Enterprise-Class Access Point Functionalities
- Plenum Rating















For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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# Business WLAN Product Quick Finder

SMB	• Web Managed • SNMP Management	• Extended Coverage (High-power) • 2.4 GHz Support	NWA1100 P. 09 
		• Dual-band Support (2.4 GHz & 5 GHz)	NWA-3100 P. 10 
		• Wide Bandwidth Required • 802.11n Draft 2.0 Support	NWA-3165 P. 09 
SME	• CAPWAP Supported • Centralized Management	Hybrid AP: Controller/Managed AP/Stand-alone AP	NWA-3160 P. 10 
		• Managed AP • Extended coverage (high-power)	NWA-3163 P. 11 
		• Managed AP • Dual-Band support	NWA-3500 P. 11 
		• Managed AP • Outdoor Extension	NWA3550 P. 12 
		• Centralized Management • Seamless Connectivity	NXC-8160 P. 12 
		• WLAN Switch	NWA-8500 P. 12 
Hospitality	• Hot-Spot Service	G-4100 v2 P. 13 	SP300E Ticket Printer P.16 
	• Hotel/Campus Application	VSG-1200 V2 P. 13 	



## Application

Deployment Requirement	Application Scenario	Models
<ul style="list-style-type: none"> <li>Multiple-site deployment</li> <li>Auto-configuration support</li> </ul>	1-2 WLAN APs are installed on a single site, while management tasks are required on multiple sites, especially for periodic configuration changes and FW upgrades.	NWA-3100 NWA-3165 NWA-3160 NWA-3163 NWA-3500 NWA3550
<ul style="list-style-type: none"> <li>Real-time optimization</li> <li>Centralized management</li> </ul>	An amount of WLAN APs are deployed on one site and need to be monitored and managed at all times.	NWA-3160 NWA-3163 NWA-3500 NWA3550
<ul style="list-style-type: none"> <li>Seamless connectivity</li> </ul>	A deployment that requires persistent connection with WLAN APs that can't be interrupted by re-association of roaming activities.	NXC-8160 NWA-8500

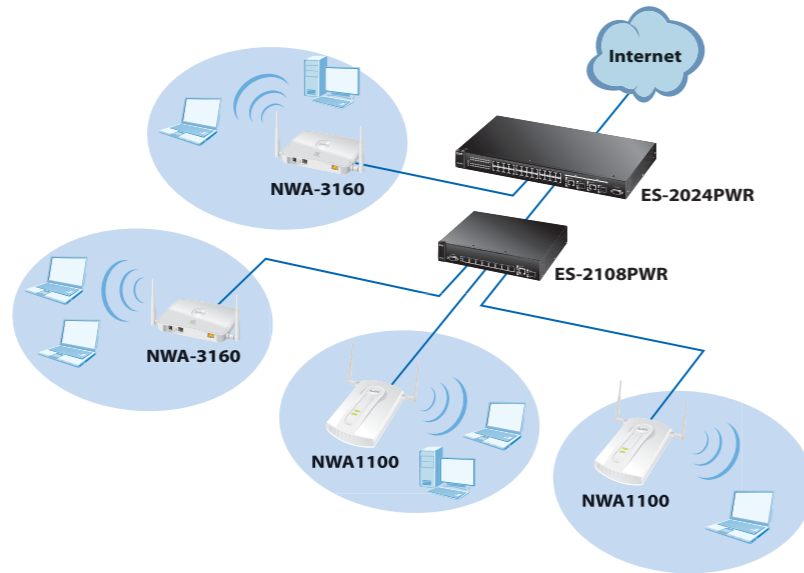
# Comprehensive Business WLAN Application Scenario



ZyXEL Business WLAN product line includes Stand-alone AP, Hybrid AP (Controller and Managed Access Point) and WLAN Controller system accommodate small to large scale, single site to multi-site deployments. ZyXEL Also provides Hotspot gateway to service Gateway generating new revenue by providing and managing visitor/guest Internet Access.

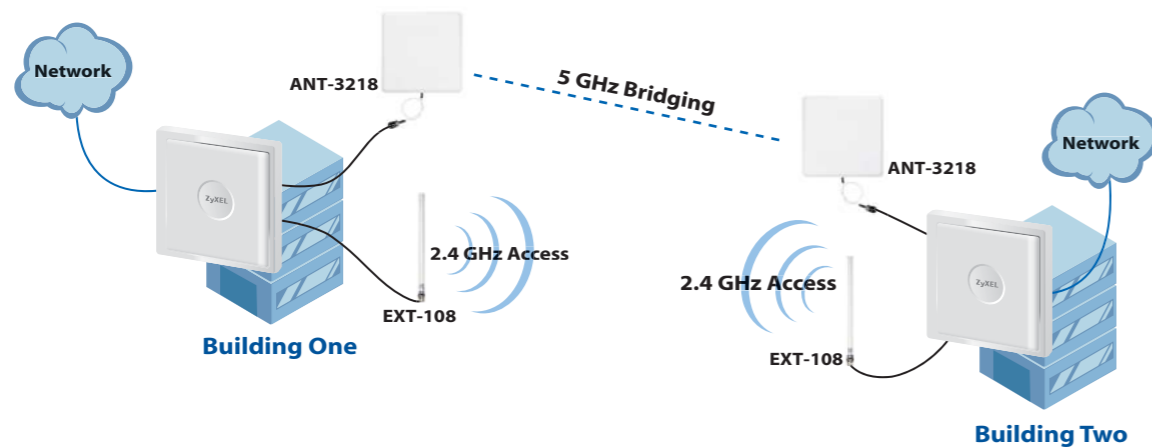
## PoE Deployment

The PoE WLAN Access Point that complies with the IEEE 802.3af standard facilitates deployment by reaching areas where power sources are scarce.



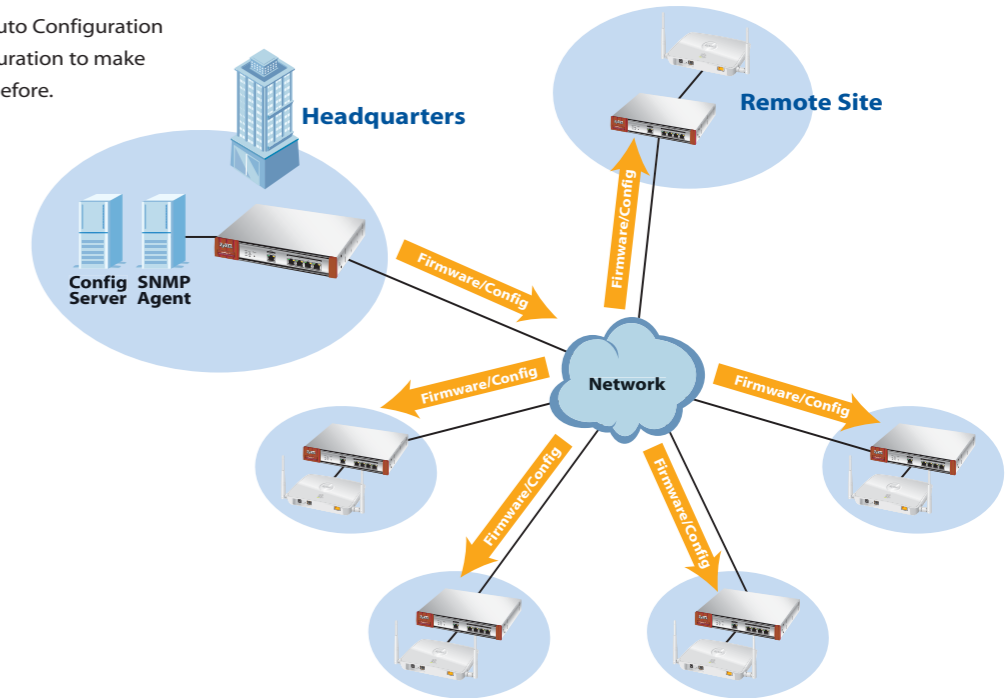
## Wireless Bridging and Repeating

The ZyXEL NWA series Access Points support WDS bridge and repeater modes. This feature provides an instant and cost effective alternative for hard-to-wire environments.



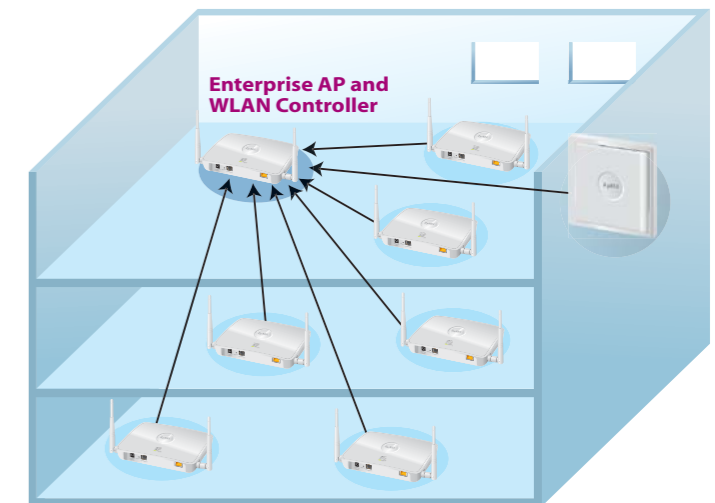
## Remote Management

The ZyXEL NWA-3000 series features Auto Configuration that synchronizes firmware and configuration to make remote site management easier than before.



## SMB/Enterprise Wi-Fi Network

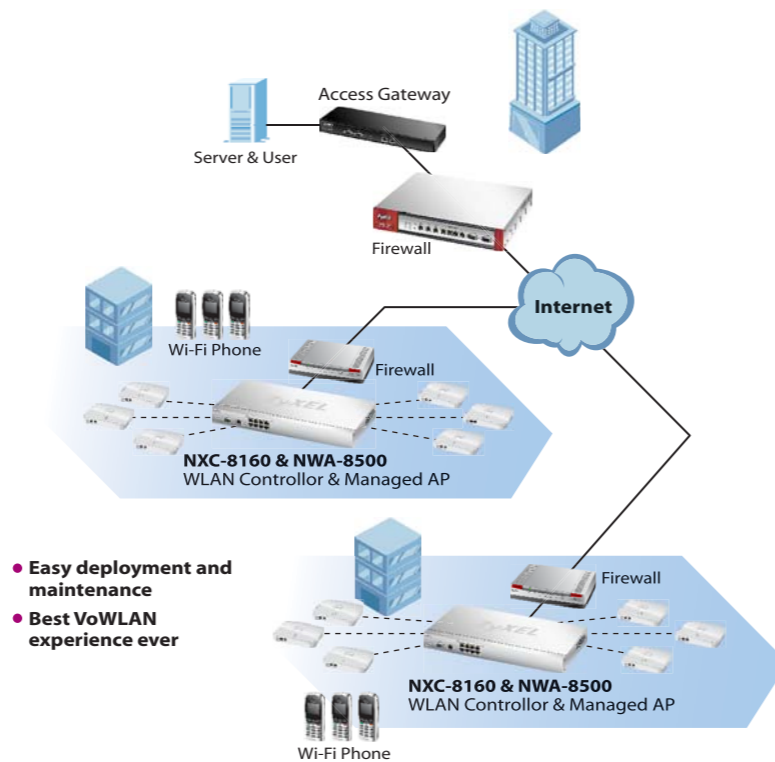
In a enterprise, the Wi-Fi network performs as an overlay network. The ability to deploy, manage, diagnose Wi-Fi network through multiple WLAN Access Point is crucial. ZyXEL NWA-3160 hybrid AP is not only an enterprise AP but also a WLAN controller which manages a variety of access point solution; including dual-radio AP (NWA-3500) for high-density, high-power AP (NWA-3163) for larch coverage and outdoor AP (NWA-3550) for extend coverage.





## SMB/Enterprise Voice of Wi-Fi

In an environment with high VoWLAN demand, the ZyXEL WLAN controller system provides “zero-delay roaming” to guarantee the voice quality and user experience, while simple deployment and maintenance save effort and cost as well. The centralized management features provide the extendibility to manage other WLAN controller systems on remote sites.

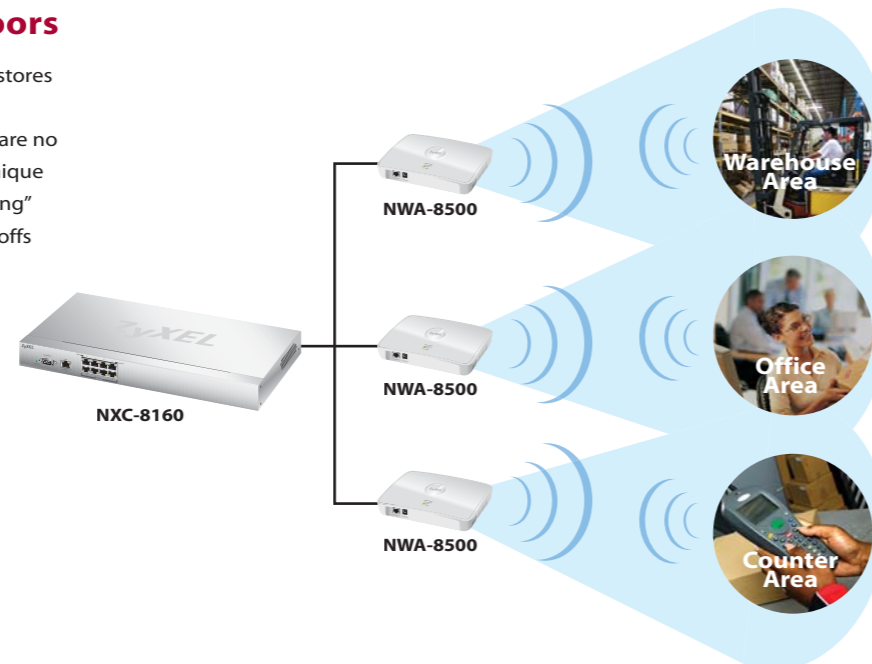


- Easy deployment and maintenance
- Best VoWLAN experience ever

### WLAN in SMB/Enterprise

## Warehouses, Hospitals, Retail Stores and Manufacturing Floors

The Wi-Fi connection in warehouses, hospitals, retail stores and manufacturing floors are different from office environment. In the mentioned working areas, there are no hand-off delay or out of service is tolerable. ZyXEL unique WLAN Controller system provides “Zero-Delay Roaming” and “Channel Blanket Deployment” eliminates hand-offs and converging holes is the best solution for such specialized facility.



# Product at a Glance

## Web-Managed AP



### NWA1100

#### Secure and Reliable WLAN Connectivity for Small to Medium Businesses

NWA1100 is a solution for small-sized businesses seeking to deploy and implement powerful and reliable wireless LANs. It is designed for applications requiring sound management features, Power over Ethernet, as well as deployment flexibility through various operating modes.

NWA1100 provides 4 operation modes: WLAN access point, WDS bridge, WDS repeater and Wi-Fi client for users to enjoy more WLAN deployment flexibility. Furthermore, NWA1100 also features high output power and a 3dBi antenna to provide wider coverage than other Wi-Fi access points. (The maximum power output setting varies by channel setting and individual country regulations.)

Model Name	NWA1100
WLAN Features	High Power Radio (802.11b/g)
SNMP	v2/v3
PoE	•
Antenna Diversity	•

#### Key Features

- ▶ Multiple operating modes for flexible deployments
- ▶ IEEE 802.3af PoE support for easy installation
- ▶ High-power design to extend Wi-Fi coverage
- ▶ WEP/WPA/ WPA2 support to ensure complete network protection
- ▶ Various management interfaces are provided to merge the device into existing business networks



### NWA-3165

#### Dead-Spot Elimination by MIMO Technology

ZyXEL NWA-3165 is “Wi-Fi n/b/g certified” and IEEE 802.11n draft 2.0 compliant. It is an enterprise-level wireless LAN Access Point. With “Multiple In, Multiple Out” (MIMO) technology of Wireless N, which actually uses the reflections of signals to increase the range and reduce “dead spots” in the wireless coverage area, NWA-3165 multiplies the effective data rate of standard 11b/g technology and is ideally suited for advanced service delivery in mission-critical networks. NWA-3165 is also equipped with Multiple BSSID and VLAN to perform as multiple virtual APs which can be independent to each other. By this friendly design, the default VoIP SSID provides ZyXEL ATC (Auto Traffic Classifier) to ensure quality of voice applications. As well, pre-defined Guest SSID enables convenient guest access without disturbing your network.

Model Name	NWA-3165
WLAN Features	Dual Radio (802.11a/b/g)
Multiple SSID	Up to 8
Pre Authentication	•
Embedded RADIUS	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•

#### Key Features

- ▶ Draft 802.11n (2.0) support & Wi-Fi n/b/g Certified
- ▶ Wi-Fi Multimedia (WMM) + Auto Traffic Classifier (ATC)
- ▶ Wi-Fi WPA2 Certified
- ▶ Multiple SSID with predefined VoIP, Guest SSID
- ▶ Plenum rating enclosure & flexible installation



## NWA-3100

### Best Price Performance Ratio and Improved Roaming

The NWA-3100 Intelligent Wireless Access Point is an 802.11a/b/g dual-band, Power-over-Ethernet wireless solution for small- to medium-sized enterprises. NWA-3100 is equipped with rich wireless functions, enterprise-class security, management features, high availability and reliability that give NWA-3100 the best price/performance ratio in its kind. With advanced features such as comprehensive dual band rogue AP detection, you won't just keep an eye open on security threats; fast roaming support enables Voice over Wi-Fi capabilities such as Pre-defined VoIP and Guest SSID to simplify many powerful functions with minimal configuration effort. This new NWA-3100 Intelligent Wireless Access Point is the best choice for small- to medium-sized enterprises.



Model Name	NWA-3100
WLAN Features	Single Radio (802.11a/b/g)
Multiple SSID	Up to 8
Pre Authentication	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•

### Key Features

- ▶ 802.11a/b/g support
- ▶ Wi-Fi WMM + ATC
- ▶ Wi-Fi WPA2 Certified
- ▶ Multiple SSID with pre-defined VoIP, Guest SSID
- ▶ Powerful and secure management



## NWA-3163

### Plenum Rating Business WLAN AP

Providing high capacity, high security, enterprise class features with best performance ratio. Additionally, NWA-3163 are both built by LSOH material (Low Smoke Zero Halogen Material) and complaint with UL2043, or so called plenum rating. The high-power Access Point featuring with most advanced, standard compliant security, management capabilities and breaking through functions enabled deploying the best wireless LAN in office environment with best support to most up to date applications, such as VoWLAN. This secure and reliable Wireless Access Point with PoE support is your best choice for small to medium businesses.



Model Name	NWA-3163
WLAN Features	High-power Radio (802.11b/g)
Multiple SSID	Up to 8
WLAN Controller Support	•
Pre Authentication	•
Embedded RADIUS	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•
Console Port	•

### Key Features

- ▶ Managed AP
- ▶ High Power 802.11b/g Radio
- ▶ Wi-Fi Multimedia (WMM) + Auto Traffic Classifier (ATC)
- ▶ Wi-Fi WPA2 Certified
- ▶ Multiple SSID with pre-defined VoIP, Guest SSID
- ▶ Powerful and secure management

## Hybrid AP



## NWA-3160

### Hybrid Business WLAN AP

The NWA-3160 Hybrid AP is total WLAN solution for SMB. The groundbreaking Hybrid AP brings the benefit of centralized WLAN to simplify deployment and maintenance; furthermore, the Hybrid AP also provides high-quality radio performance and enterprise class stand-alone AP functionality. NWA-3160 Hybrid AP has 3 modes for users to choose from: Controller, Managed AP and Stand-Alone AP. Controller, this mode can manage 8 AP's provided by ZyXEL; including dual-radio AP (NWA-3500), high-power AP (NWA-3163), and outdoor AP (NWA3550). The AP function is enabled simultaneously time when configured as a "Controller". The mode of "Managed AP" makes the unit fully manageable by another ZyXEL Hybrid AP. The mode of "Stand-Alone" makes the unit performs as stand-alone enterprise WLAN access point.



Model Name	NWA-3160
WLAN Features	Single Radio (802.11a/b/g)
Multiple SSID	Up to 8
WLAN Controller	•
WLAN Controller Support	•
Pre Authentication	•
Embedded RADIUS	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•
Console Port	•

### Key Features

- ▶ WLAN Controller, Managed AP and Stand-Alone AP: 3-in-one configurable Hybrid AP
- ▶ Centralized management for up to 8 WLAN Access Points
- ▶ Secured tunnel for communication between Controller and Managed AP
- ▶ Auto Channel Assessment
- ▶ Enterprise-Class Access Point functionalities
- ▶ Plenum Rating



## NWA-3500

### Enabling Wi-Fi Convergence for Enterprise Applications

The NWA-3500 Wireless Business Access Point is an 802.11a/b/g dual-band, dual-radio Power-over-Ethernet wireless solution for small- to medium-sized enterprises. NWA-3500 is equipped with rich wireless functions, enterprise-class security, management features, high availability and reliability that give it the best price/performance ratio in its kind. With advanced features such as full spectrum rogue AP detection, all traffics are under close watch anytime; fast roaming support enables Voice over Wi-Fi capabilities such as Pre-defined VoIP and Guest SSID to simplify many powerful functions with minimal configuration effort. The dual-radio design allows you to provide WDS bridging and wireless coverage function simultaneously with full throughput. This new NWA-3500 Dual Radio Wireless Business Access Point is the best choice for small- to medium-sized enterprises.



Model Name	NWA-3500
WLAN Features	High-power Radio (802.11b/g)
Multiple SSID	Up to 16
WLAN Controller Support	•
Pre Authentication	•
Embedded RADIUS	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•
Console Port	•

### Key Features

- ▶ 802.11a/b/g support
- ▶ Dual Radio Support
- ▶ Wi-Fi WMM + ATC
- ▶ Wi-Fi WPA2 Certified
- ▶ Multiple SSID with pre-defined VoIP, Guest SSID
- ▶ Powerful and secure management



## Service Gateway

### NWA3550



#### Dual-Radio Outdoor AP to Extend the Wi-Fi Coverage

NWA3550 is with dual-band radios designed for this dual radio access point featuring with most advanced, standard complaint security, management capabilities and breaking through functions enable deploying the best wireless LAN in office environment with best support to most up to date applications, such as VoWLAN. This secure and reliable Wireless Access Point with PoE support is your best choice for small to medium businesses.

Model Name	NWA3550
WLAN Features	Dual Radio (802.11a/b/g)
Multiple SSID	Up to 16
WLAN Controller Support	•
Embedded RADIUS	•
Centralized Administrator Account by RADIUS	•
Layer-2 Isolation	•

#### Key Features

- ▶ Configurable dual-radio with a variety external antenna solutions
- ▶ Featured with WDS function for bridging separate LAN areas together
- ▶ IP-66 compliant casing and able to protect from UV exposure
- ▶ 802.3af support along with packaged PSE for easy installation to administrators
- ▶ WEP/WPA/WPA2 supported to ensure complete network protection



### G-4100 v2



#### Hotspot Services

ZyXEL G-4100 v2 is an all-in-one hotspot gateway that provides secure Internet access according to the free or charge-based policies the business owner defines. Since the authentication server in the embedded G-4100 v2 is very easy to configure and self-contained, the business owners of hotspots such as coffee shops, book stores, hotels or resorts does not need any additional hardware or software to provide the service.

With powerful marketing cooperation features, G-4100 v2 can help business to customize login page, redirect user to advertisement URL links or provide limited internet access to the owner's home page.

G-4100 v2 also works with SP300E, the thermal ticket printer, for fast account generation without any manual type-in, especially fitting in counter areas.



#### Key Features

- ▶ Integrated HotSpot services
- ▶ Scalable user authentication and accounting
- ▶ Rich networking features
- ▶ Customized login page, advertisement URL links and "walled garden" features

## WLAN Switch System



NXC-8160



NWA-8500

### NXC-8160 & NWA-8500

#### Unique Interference-Free Architecture for High-Density Deployment

The NXC-8160 and NWA-8500 Wireless LAN Controllers are the central components of ZyXEL's unique Interference-Free architecture. The exclusive solution enables the same channel to be transmitted from every access point in the system without the co-channel interference that plagues other WLAN solutions.

By forming "Channel Blankets", the need for RF cell planning is eliminated and the traditional site survey is simply reduced to a matter of physical equipment installation. Coupled with zero-configuration access points placed in any density and unrestricted by RF conditions, the solution delivers truly plug-and-play simplicity.

Furthermore, ZyXEL's unique centralized control of each channel blanket empowers a WLAN system with zero-delay mobility, robust client connections, a guaranteed level of user throughput, as well as a higher aggregated bandwidth than comparable WLAN systems. Simply put, it provides the flexibility, performance and simplicity enterprises need to support data, video, and voice (VoWLAN) applications in universal WLAN deployments. This 8-port controller can be used alone or with multiple controllers to meet the requirements of crowded enterprise environments of any size or variation.

#### Key Features

- ▶ No Cell planning needed
- ▶ Same band operation
- ▶ Resilience Zero-delay, secure seamless mobility
- ▶ Wire Quality VoWLAN
- ▶ Wi-Fi collaboration uplink diversity

### VSG-1200 V2

#### AAA and PMS Integrate-able Internet Service Gateway

VSG-1200 V2 Vantage Service Gateway is a freestanding or rack-mountable service gateway with a built-in authentication server to provide access the Internet for large hospitality facilities. Its feature of AAA service (Authentication, Authorization and Accounting) gives service providers an easy way to manage and maintain a large group of subscribers over the Internet. VSG-1200 V2 can also integrate with Hotel PMS system to conveniently generate bills while simultaneously creating new revenue stream. With the built-in web-based management system, the VSG-1200/1200 V2 offers an easy-to-use, platform-independent management and configuration tool for service providers to customize their own portal pages. Simple Network Management Protocol (SNMP) support is another alternative that enables integration with any standard-based management software. The advanced designs of the VSG-1200 V2 enable service providers to deploy broadband service to a large amount of customers quickly, at a lower cost than previously possible.

VSG-1200 V2 also works with SP300E, the thermal ticket printer, for fast account generation without any manual type-in, especially fitting in counter areas.






#### Key Features

- ▶ PMS integration
- ▶ RADIUS authentication/accounting
- ▶ Time-based billing (billing by minute, hour, day, week, etc)
- ▶ SSL secure user login process
- ▶ VPN pass through (IPSec/PPTP/L2TP)
- ▶ 802.1x pass through



# Feature Matrix

Product	NWA 1100	NWA-3165	NWA-3100	NWA-3160
<b>Graphic</b>				
<b>Product Category</b>	Web-Managed AP	Web-Managed AP	Web-Managed AP	Hybrid AP
<b>Main Design</b>				
<b>Wireless Technology</b>	802.11g	802.11n Draft	Super A/G	Super A/G
<b>Radio</b>	1	2.0	1	1
<b>High Power</b>	•			
<b>Number of Antenna</b>	2	3	2	2
<b>LAN &amp; WAN</b>				
<b>Number of 10/100M LAN/Switch</b>	1	1	1	1
<b>WAN</b>	N/A	N/A	N/A	N/A
<b>PoE</b>	•	•	•	•
<b>Max. Power Levels at Powered Device</b>	7.2 W	7.6 W	6.3 W	6.5 W
<b>Min. Power Levels Output at PSE</b>	15.4 W	15.4 W	15.4 W	15.4 W
<b>WLAN Features</b>				
<b>Maximum Throughput</b>	22 ~ 24 Mbps	100 ~ 110 Mbps	Up to 33 Mbps	Up to 33 Mbps
<b>WMM (Wi-Fi Certified)</b>	•	•	•	•
<b>WEP</b>	•	•	•	•
<b>WPA (Wi-Fi Certified)</b>	•	•	•	•
<b>WPA2 (Wi-Fi Certified)</b>	•	•	•	•
<b>Rogue AP Detection</b>			•	•
<b>WLAN Management</b>				
<b>Controller</b>				•
<b>Managed AP</b>				•
<b>Others</b>				
<b>Plenum Rating</b>		•		•

Product	NWA-3163	NWA-3500	NWA3550	NXC-8160 & NWA-8500
<b>Graphic</b>				
<b>Product Category</b>	Hybrid AP	Hybrid AP	Hybrid AP	WLAN Switch
<b>Main Design</b>				
<b>Wireless Technology</b>	Super A/G	Super A & G	Super A & G	802.11 & g*
<b>Radio</b>	1	2	2	2
<b>High Power</b>	•			
<b>Number of Antenna</b>	2	2	2 N-type Connectors	4
<b>LAN &amp; WAN</b>				
<b>Number of 10/100M LAN/Switch</b>	1	1	1	
<b>WAN</b>	N/A	N/A	N/A	N/A
<b>PoE</b>	•	•	•	•
<b>Max. Power Levels at Powered Device</b>	6.9 W	7.3 W	16.2 W	7.5 W
<b>Min. Power Levels Output at PSE</b>	15.4 W	15.4 W	Need to use packaged PSE device	15.4 W
<b>WLAN Features</b>				
<b>Maximum Throughput</b>	Up to 33 Mbps	Up to 33 Mbps	Up to 33 Mbps	22 ~ 44 Mbps
<b>WMM (Wi-Fi Certified)</b>	•	•	•	
<b>WEP</b>	•	•	•	
<b>WPA (Wi-Fi Certified)</b>	•	•	•	•
<b>WPA2 (Wi-Fi Certified)</b>	•	•	•	Compatible
<b>Rogue AP Detection</b>	•	•	•	
<b>WLAN Management</b>				
<b>Controller</b>				•
<b>Managed AP</b>	•	•	•	
<b>Others</b>				
<b>Plenum Rating</b>	•			

\* Function/Features provided by NWA-8500.



Product	VSG-1200 V2	G-4100 v2
Graphic		
Product Category	Service Gateway	WLAN Service Gateway
<b>Main Design</b>		
Wireless Technology	N/A	802.11g
Number of 10/100M LAN/Switch	1	4
WAN		1
PoE		
Max. Power Levels at Powered Device		6 W
Min. Power Levels Output at PSE		15.4 W
<b>WLAN Features (G-4100 v2 only)</b>		
802.11b/g		•
Number of Antenna		2
Maximum Throughput		22 ~ 24 Mbps
WEP		•
WPA (Wi-Fi Certified)		•
WPA2 (Wi-Fi Certified)		•
<b>Others Features</b>		
Built-in Authentication	•	•
RADIUS Authentication Support	•	•
IP Plug-and-play	•	•
Layer-2 Isolation	•	•
Customization Log-in Page	•	•
Max. Concurrent User	250	100
PMS Integration	•	
Ticket Printer—SP300E	 <ul style="list-style-type: none"> <li>- Button x 3</li> <li>- Input: 5 V DC, 2.5 A</li> <li>- Paper Width: 58 (+0/-1) mm</li> <li>- Paper length (max.): 50 meters</li> <li>- Support 802.3af Power over Ethernet</li> </ul>	

## Accessories

Product	EXT-108	EXT-109	EXT-114	EXT-118
Graphic				
Space	Outdoor	Outdoor	Outdoor	Outdoor
Frequency Band	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz
Gain	8 dBi	9 dBi (peak)	14 dBi	18 dBi
VSWR	2.0:1 Max	1.5:1 Max	1.5:1 Max	1.5:1 Max
Polarization	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
HPBW/Horizontal	 360°	 65°	 30°	 15°
HPBW/Vertical	 15°	 60°	 30°	 15°
Down Tilt	0°	0°	0°	0°
Power Handling	10 W (cw)	20 W (cw)	10 W (cw)	50 W (cw)
Front to Back Ratio	N/A	15 dB	15 dB	26 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Connector	N Type Jack	N Type Jack	N Type Female	N Type Female
Survival Wind Speed	216 km/hr	216 km/hr	216 km/hr	180 km/hr
Temperature	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C
Humidity	95% at 25°C	95% at 55°C	95% at 55°C	95% at 55°C
Radome Color	Gray-white	Gray-white	White	White
Radome Material	Fiber Glass	ABS	ABS, UV Resistant	ABS, UV Resistant
Weight	337 g	107 g	407 g	1.6 kg
Dimensions (mm)	f 19 x 250	114 x 114 x 40 (W x D x H)	200 x 200 x 50 (W x D x H)	360 x 360 x 16 (W x D x H)



## Accessories

Product	ANT2206		ANT3108	ANT3218
Graphic				
Space	Outdoor		Outdoor	Outdoor
Frequency Band	2400 ~ 2500 MHz	4900 ~ 5875 MHz	5150 ~ 5875 MHz	4900 ~ 5875 MHz
Gain	6 dBi	8 dBi	8 dBi	18 dBi
VSWR	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max
Polarization	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
HPBW/Horizontal	65°	50°	360°	18°
HPBW/Vertical	75°	50°	20°	18°
Down Tilt	N/A		N/A	0°
Power Handling	N/A		2 W (cw)	50 W (cw)
Front to Back Ratio	12 dB		N/A	25 dB
Impedance	50 Ω		50 Ω	50 Ω
Connector	RP SMA Plug		N Type Female	N Type Jack
Survival Wind Speed			216 km/hr	216 km/hr
Temperature	-10°C to 55°C		-10°C to 55°C	-40°C to 80°C
Humidity	95% at 55°C		95% at 55°C	95% at 55°C
Radome Color	White, Black		White	Gray-white
Radome Material	ABS, UV Resistant		ABS, UV Resistant	ABS, UV Resistant
Weight	110 g		206 g	640 g
Dimensions (mm)	76 x 86 x 118 (W x D x H)		f 20 x 260	210 x 210 x 73 (W x D x H)

## Cable

Product	LMR 200	LMR 400	Cable Kit for Outdoor AP	EXT-300
Graphic				
Specifications	RP-SMA plug to N-plug	N-plug to N-plug	RJ-45 CAT 5e STB Cable w/ Water-Proof cover 15 m	Jumper Cable & Surge Arrstor

## Others

Product	Ceiling Mounting Kit	NWA3550 Mounting Kit	PSE Kits
Graphic			
Specifications	For NWA-3160, NWA-3163, NWA-3165, NWA-3500	For NWA3550	<ul style="list-style-type: none"> <li>- <b>Input:</b> AC 100 V to AC 240 V</li> <li>- <b>Output:</b> <ul style="list-style-type: none"> <li>48 Vdc/350 mA (IEEE 802.3af compliant)</li> <li>48 Vdc/500 mA</li> <li>24 Vdc/800 mA</li> <li>18 Vdc/1 A</li> </ul> </li> <li>- <b>Operation Temperature</b> -40°C to 85°C</li> <li>- <b>Storage Temperature</b> -10°C to 70°C</li> <li>- <b>Operation Humidity</b> 5% to 90%</li> </ul>