

# ZYXEL

Your Networking Ally

## electronicCATALOG

ZyXEL Smart Antenna, the solution to today's Wi-Fi challenges



# Switches

Zyxel switch solutions offer reliable, premium quality switches backed by profound knowledge and experience in telco-class equipment. Zyxel switch solutions have mission-oriented design and boast a complete product portfolio to offer the best-fit solution for customers. These solutions meet a wide variety of SB and SMB needs across multiple different vertical markets.



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## **Agile traffic control for converged networking applications**

Zyxel XGS2210/GS2210 Series has a rich Layer 2 feature set that can shape the traffic for diverse VoIP, video conference, IPTV and IP surveillance deployments and provide hotels, businesses and educational institutions greater agility and more effective traffic management for the converged applications of today.

## **High-powered Power over Ethernet (PoE)**

The Zyxel XGS2210/GS2210 Series PoE switches support the IEEE 802.3af PoE and 802.3at PoE Plus standards, which provide up to 30 watts of power per port for advanced Powered Devices (PD) like 802.11ac wireless APs and video IP phones. The high power budget enables the XGS2210/GS2210 PoE switches to comfortably accommodate the PDs required in a modern network edge.

## **High level network and access security**

Zyxel XGS2210/GS2210 Series offers enhanced control and isolation for improved convergence of video, voice and data. Such advanced defense mechanisms as IP source guard, DHCP snooping, and ARP inspection can detect and block intentional network attacks. Combining multiple L2, L3 and L4 filtering mechanisms with such education - and hospitality friendly features as MAC freeze, port isolation and guest VLAN, the Zyxel XGS2210/GS2210 Series offers a high level of security, flexibility and control for diverse access layer deployments.

# 11ac access point with Smart Antenna enhances your Wi-Fi environment

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The WAC6500 series delivers industry-leading Wi-Fi performance with its innovative smart antenna design, offering more than 700 optimized signal patterns. The ZyXEL smart antenna continuously calculates the ideal physical-layer path for each individual client. This feature not only provides the best possible signal by shaping to various patterns, it also mitigates interference from other wireless clients.



## Perfect choice of high-density environments

Designed with smart antenna, the WAC6500 series provides dynamic signal patterns to deliver best service to every client. In addition, advanced Wi-Fi features such as load balancing and smart-client steering ensure a smooth, consistent, and uninterrupted wireless access experience for all users

## Easy to deploy in multiple-AP environments

WAC6500 series is extraordinarily easy to install with the ZyXEL APFlex™ feature. While deploying large groups of WAC6500 series with AP controllers in place, APFlex™ enables streamline and hassle-free installation, simple switching between Managed/Standalone AP modes and automatic integration of APs into the network environment. When operating, DCS (dynamic channel selection) balances the AP channels to reduce signal interference.

SKU	Description
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### Switches

GS2210-8	8-Port Gigabit + 2 Dual Personality (GBE RJ-45/SFP) (10 Total Ports)
GS2210-8HP	8-Port Gigabit 802.3at POE + 2 Dual Personality (GBE RJ-45/SFP) (10 Total Ports) 180W Power Budget
GS2210-24	24-Port Gigabit + 4 Dual Personality (GbE RJ-45/SFP) (28 Total Ports)
GS2210-24LP	24-Port Gigabit POE + 4 Dual Personality (GBE RJ-45/SFP) (28 Total Ports) 180W Power Budget
GS2210-24HP	24-Port Gigabit POE + 4 Dual Personality (GBE RJ-45/SFP) (28 Total Ports) 375W Power Budget
GS2210-48	44-Port Gigabit + 4 Dual Personality (GBE RJ-45/SFP) + 2 Stacking SFP
GS2210-48HP	44-Port PoE+ Gigabit + 4 Dual Personality (GBE RJ-45/SFP) + 2 Stacking SFP 375W Power Budget
XGS2210-28	24-Port Gigabit L2 Managed + 4 SFP+ 10G (28 Total Ports)
XGS2210-28HP	24-Port Gigabit POE+ L2 Managed + 4 SFP+ 10G (28 Total Ports) 375W Power Budget
XGS2210-52	48-Port Gigabit L2 Managed + 4 SFP+ 10G (52 Total Ports)
XGS2210-52HP	48-Port Gigabit PoE+ L2 Managed + 4 SFP+ 10G (52 Total Ports) 375W Power Budget

### Wireless

AC6103D-I	High Powered Dual Band Dual Radio 2.4/5Ghz 3x3 802.11ac AP w/PoE Power Only, IPv6 Internal Antenna for Wall or Ceiling, Low Profile
WAC6502D-E	High Powered Dual Band Dual Radio 2.4/5Ghz 2x2 802.11ac AP w/PoE Power IPv6 External Antenna (Optional Power Supply Sold Separately)
WAC6502D-S	High Powered Dual Band Dual Radio 2.4/5Ghz 2x2 802.11ac AP w/PoE Power IPv6 SMART Antenna Design (Optional Power Supply Sold Separately)
WAC6503D-S	High Powered Dual Band Dual Radio 2.4/5Ghz 3x3 802.11AC AP w/PoE Power IPv6 SMART Antenna Design (Optional Power Supply Sold Separately)
WAC6553D-E	OUTDOOR High Powered Dual Band Dual Radio 2.4/5Ghz 3x3 802.11AC AP w/PoE Power Injector IPv6 (External Antennas Sold Separately) Need 3 per Radio

