ZyXEL

WAC6500 – the smart choice for extensive Wi-Fi coverage

Easy installation, fast deployment and high performance

Upgrading to the 802.11ac standard is the next phase in today's wireless evolution. While this has previously been a costly and time-consuming process, ZyXEL's groundbreaking Smart Antenna technology has a tool-less design and the ability to adjust antenna patterns to cater for various wireless environments. Boasting a whole range of features, the WAC6500 has been designed to streamline installation and offer a seamless Wi-Fi experience to its users.

10 reasons to buy

1 The 'smart' antenna

ZyXEL's antenna has been innovatively designed, featuring more than 700 optimised antenna patterns with the ability to 'listen to and analyse' Wi-Fi signals and ensure the best possible experiences for each individual users devices. The antenna's ultra-fast performance means that it is ideal for high-density and interference-prone environments such as airports, hotels and schools.

2 High-speed performance

Based on the latest generation of Wi-Fi technology, ZyxEL's smart antenna provides speed rates of up to 1.75Gbps for fast, reliable and extensive Wi-Fi coverage.

3 Catered to your needs

The market is filled with 802.11ac access points (APs) from a wide range of vendors. What sets ZyXEL's smart antenna apart is its increased performance and coverage. With a wide span of output power, the antenna not only delivers clear, crisp signals across long distances but can also provide unrivalled sensitivity when required.

4 One-to-one AP replacements for 802.11ac migration

With ZyXEL's smart antenna, administrators reseller/installer can skip wireless site surveys and the deployment of additional APs when migrating from traditional wireless to 802.11ac. The antenna features intelligent software that ensures migration is as simple and as fast as it can possibly be.

Discover the ZyXEL edge

Lifetime warranty • Complimentary local technical support • Complimentary firmware upgrades

www.zyxel.com

10 reasons to buy (cont)

5 **Fast deployments**

ZyXEL's AP Flex simplifies installation of AP's by detecting the environment of the network and providing configuration automatically. Seamlessly integrating into the network environment without the need for pre-installation preparation. The removal of time consuming manual IP configuration means that IT (installers/resellers) can focus their time on more critical tasks.

6 **Smart Tool-less installation**

The tool-less bracket design of the WAC6500 allows for flexible ceiling mounting without the use of additional tools.

7 **Highly efficient network**

ZyXEL's smart antenna technology when used in conjunction with ZyXEL Wireless Controllers ensures that every user on the network has the best possible experience by utilising load balancing and client steering. While load balancing enables administrators to set a limit on the number of clients associated with each AP, client steering sends people to less congested bands for a stronger wireless signal. The antenna enhances the overall network efficiency and benefits every person on the network.

8 **ZyXEL One Network**

Deploying and maintaining a wireless network can be a tedious task. ZON Utility, ZyXEL AP Configurator and the ZyXEL Wireless Optimiser are the tool that make up ZyXEL One Network. These tool simplify network configuration, management and troubleshooting respectively and are just a few of the many ways that the ZyXEL One Network is streamlining and centralising network deployment.

9 **Solid security**

ZyXEL's WAC6500s support various authentication methods and includes layer-2 isolation in the AP, which protects your device and its connected resources from being seen by other users that are connected to the same AP. Enhanced security means you can rest assured that your confidential data will remain safe.

10 **Robust quality**

ZyXEL's WAC6500 design and innovation has been developed to include specifications such as a shielding frame to prevent electromagnetic interference,and thermal pads to mitigate overheating. Manufactured using durable components ensures the antenna's quality and reliability right from the beginning of the design process through to implementation by you.

ZyXEL**one**network
Redefining network integration