

JTWW—AP250



The ***JTWW-AP250 Wireless Access Point*** allows the user to create/enable multiple security profiles, which maximize the user's flexibility in managing multiple networks. Each security profiles has its own SSID, and its own security settings, clients can connect to different SSID for different security functions. Different SSID networks can be isolated if desired, which further enhanced the network security. The Wireless Access Point JTWW-AP250 supports UAM (Universal Access Method), making it suitable for use in Internet cafes and other sites where user access time must be accounted for. The wireless Access Point also support WDS modes, which allow it to be set to different bridge modes, and repeater mode.

Features:

- 200mw, 23 dBm
- ***Standards Compliant.*** The *Wireless Access Point* complies with the IEEE802.11g (DSSS) specifications for Wireless LANs.
- ***Supports both 802.11b and 802.11g Wireless Stations.*** The 802.11g standard provides for backward compatibility with the 802.11b standard, so both 802.11b and 802.11g Wireless stations can be used simultaneously.
- ***108Mbps Wireless Connections.*** 108Mbps connections are available to compatible clients.
- **Universal repeater and universal client mode**

- **WDS Support.** The *Wireless Access Point VXAP250* supports WDS (Wireless Distribution System). This allows operation as a WDS Repeater or as a WDS Bridge. (In WDS Bridge mode, all wireless networks are disabled.)

- **Upgradeable Firmware.** Firmware is stored in a flash memory and can be upgraded easily, using only your Web Browser.

- Support web and Telnet management interfaces.

- **Simple Configuration.** If the default settings are unsuitable, they can be changed quickly and easily.

- **DHCP Client Support.** Dynamic Host Configuration Protocol provides a dynamic IP address to PCs and other devices upon request. The *Wireless Access Point JTWW-AP250* can act as a **DHCP Client**, and obtain an IP address and related information from your existing DHCP Server.

Security Features:

Detachable

antenna

- **Separate SSID and Security Settings.** The *Guest* and *Private* Wireless Networks have different SSIDs and Security settings, allowing your Private LAN to use high security while making the Guest Network easily accessible.

- **Isolation of Guest & Private LANs.** The *Guest* and *Private* Wireless Networks are isolated from each other. PCs on the *Guest Wireless Network* cannot see (or attack) PCs or devices on your *Private* network. Layer2 client isolation.

- **WEP support.** Support for WEP (Wired Equivalent Privacy) is included. Both 64 Bit and 128 Bit keys are supported.

- **WPA support.** Support for WPA is included. WPA is more secure than WEP, and should be used if possible.

- **WPA2 support.** Support for WPA2 is also included. WPA2 uses the extremely secure AES encryption method.

- **802.1x Support.** Support for 802.1x mode is included, providing for the industrial strength wireless security of 802.1x authentication and authorization.

- **Radius Client Support.** The *Wireless Access Point* can login to your existing Radius Server (as a Radius client), as required to support WPA/WPA2 with Radius, or 802.1x.

- **Access Control.** The Access Control feature can check the MAC address of Wireless clients to ensure that only trusted Wireless Stations can use the *Wireless Access Point* to gain access to your Private Network.

- **Password - protected Configuration.** Optional password protection is provided to prevent unauthorized users from modifying the configuration data and settings.

Advanced Features:

- **NetBIOS & WINS Support.** Support for both NetBIOS broadcast and WINS (Windows Internet Naming Service) allows the *Wireless Access Point* to easily fit into your existing Windows network.

- **Radius Accounting Support.** If you have a Radius Server, you can use it to provide accounting data on Wireless clients.

- **Syslog Support.** If you have a Syslog Server, the *Wireless Access Point* can send its log data to your Syslog Server.

Hardware Specifications:

Standards IEEE802.11g WLAN, JEIDA 4.2, roaming support
Frequency 2.4 to 2.4835GHz (Industrial Scientific Medical Band)
Channels Maximum 14 Channels, depending on regulatory authorities
Modulation DSSS BPSK/QPSK/CCK, OFDM/CCK

Data Rate 802.11g: Up to 54 Mbps

Super G: Up to 108Mbps (Atheros chipset required)

Coverage Area Indoors : 15m @54Mbps, 120m @6Mbps or lower

Outdoors: 40m @54Mbps, 300m @6Mbps or lower

Security WEP (64Bit/128/152Bit), WPA-PSK (TKIP), WPA 2-PSK

802.1x authentication support

Output Power 23dBm (configurable)

Receiver

Sensitivity

-80dBm Min.

*Our access point JTWW-AP250 has a RP-SMA Female Port.
The antenna to connect to our access point needs to be a
RP-SMA Male as pictured.*



RPSMA Male
Port on the
Removeable Antenna



RPSMA Female
Port on the
VX-AP250

Wireless Interface:

Dimensions 141mm(W) * 100mm(D) * 27mm(H)

Operating Temperature 0° C to 40° C

Storage Temperature -10° C to 70° C

Network Protocol TCP/IP

Network Interface 5 Ethernet:

4 * 10/100BaseT (RJ45) Private LAN

connection

LEDs 4

Power Adapter 24VDC, 48 V DC PoE