PLANEX COMMUNICATIONS

Quick Start Guide

108Mbps Wireless LAN Access Point

CQW-AP108AG

Version:1.0   PMN-04-08-TY-CQW-AP108AG

Setting Up CQW-AP108AG

Hardware and System Requirements

• PC with Web browser capable of secure (https) connections
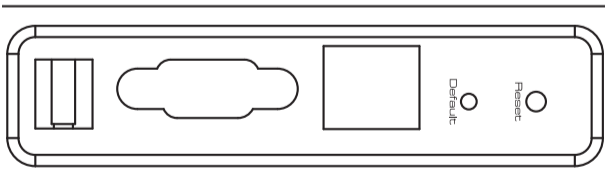• 10/100 Ethernet cable to connect to the AP

Power and Cabling Requirements

• Standard AC power outlet (a surge-protected power supply is recommended)
• RJ-45 port on a standard hub, switch or router (any 10/100BaseT Ethernet device)
• Category 5 UTP Ethernet cable

Network Requirements

• **If using DHCP**   : IP address assigned to the AP
• **If not using DHCP** : IP addresses for the default gateway, DNS, and NTP servers

1 Connect one end of the Ethernet cable to the 10/100BaseT Ethernet port on the AP.

2 Plug the other end into an Ethernet port on the wired network.

3 Plug the AC power cable into a grounded outlet.

4 Plug the round power adapter into the AP DC power connector. The Planex Access Point powers up automatically.

Configuring the AP through the Web Browser

1 Launch the Web browser on the PC you are using to configure the Planex AP.

• **If your network uses DHCP**,
enter the DHCP-assigned address for the AP in the URL address bar. If you do not know what address the DHCP server has assigned to the AP, see "Determining the IP Address for the Planex AP" in this guide for instructions.

• **If your network does not use DHCP**,
the PC must have an IP address on the same subnet as CQW-AP108AG AP. The default IP address of the AP is 192.168.1.254. A recommended address for the PC that configures the AP is 192.168.1.1.

2 Enter https://192.168.1.254 in the URL field of the Web browser.

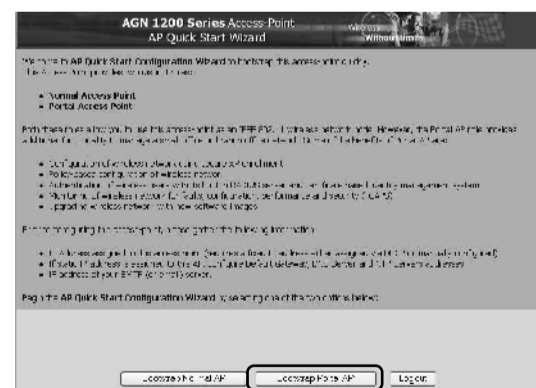**3** Click **Go** or **Enter.**

4 If a security alert appears, click **Yes** to accept the security certificate.

5 Enter password (or the password printed in the insert) in the Password field and click **OK**. Because this AP has not yet been initialized, the Username field is grayed out.
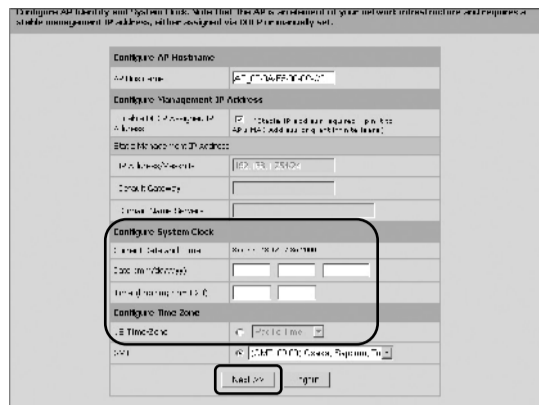

Initializing the Access Point

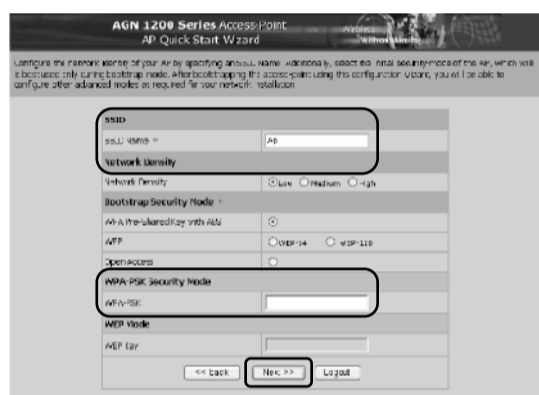**1** Click **Bootstrap Portal AP** in the AP Quick Start Welcome panel.

Note : When installing additional APs, select Bootstrap Normal AP for the additional APs.

(2) Set the time and time zone, and click **Next.**

(3) Enter the SSID for your network and select a bootstrap security mode. If you select WPA, enter a pass-phrase for WPA-PSK, which should be between 8 - 63 characters. All clients that associate to this AP must use the same PSK.
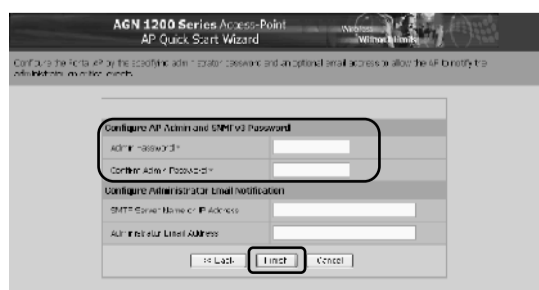

(4) Click **Next** to accept the defaults for radio configuration for wlan0 (the first radio).

(5) Click **Next** to accept the defaults for radio configuration for wlan1 (the second radio), if present.

(6) Enter and confirm a unique administrative password.

(7) Enter the administrator contact information for notifications and alerts (optional).

(8) Click **Finish**. The AP is configured and is now operational.

Note : Please see the "108 Mbps Wireless Access Point Installation and Configuration Guide (CQW-AP108AG)" for instructions on setting up the AP and for using the configuration wizards for quickly configuring security modes or guest access on the AP.

Determining the IP Address for CQW-AP108AG

If your network uses DHCP to dynamically assign IP addresses and you do not know the address that was assigned to the CQW-AP108AG, you can use a terminal connection to identify the IP address for the AP.

(1) Attach a 9-pin-to-9-pin DCE null modem serial cable between the AP serial port and the serial port on the PC used to configure the AP.

(2) Using a terminal emulation tool, such as HyperTerminal or Hyper Link, configure the terminal as follows:

- Specify the communications port to which the serial cable is connected on the PC
- 115,200 BAUD
- 8-bits
- No parity
- 1 stop bit
- No flow control

A command prompt appears to access the command line interface.

(3) At the login prompt, enter the following:

- login as: admin
- password : password (or the password printed in the insert)
- command > show
- show > system
- system(show)> system-group

A table of information is presented. The entry for mgmt -ipaddress shows the IP address for the AP (circled in red in the following example).