

Outdoor Wireless Access Point Series

500AG/600AG/3300AG

Quick Installation Guide

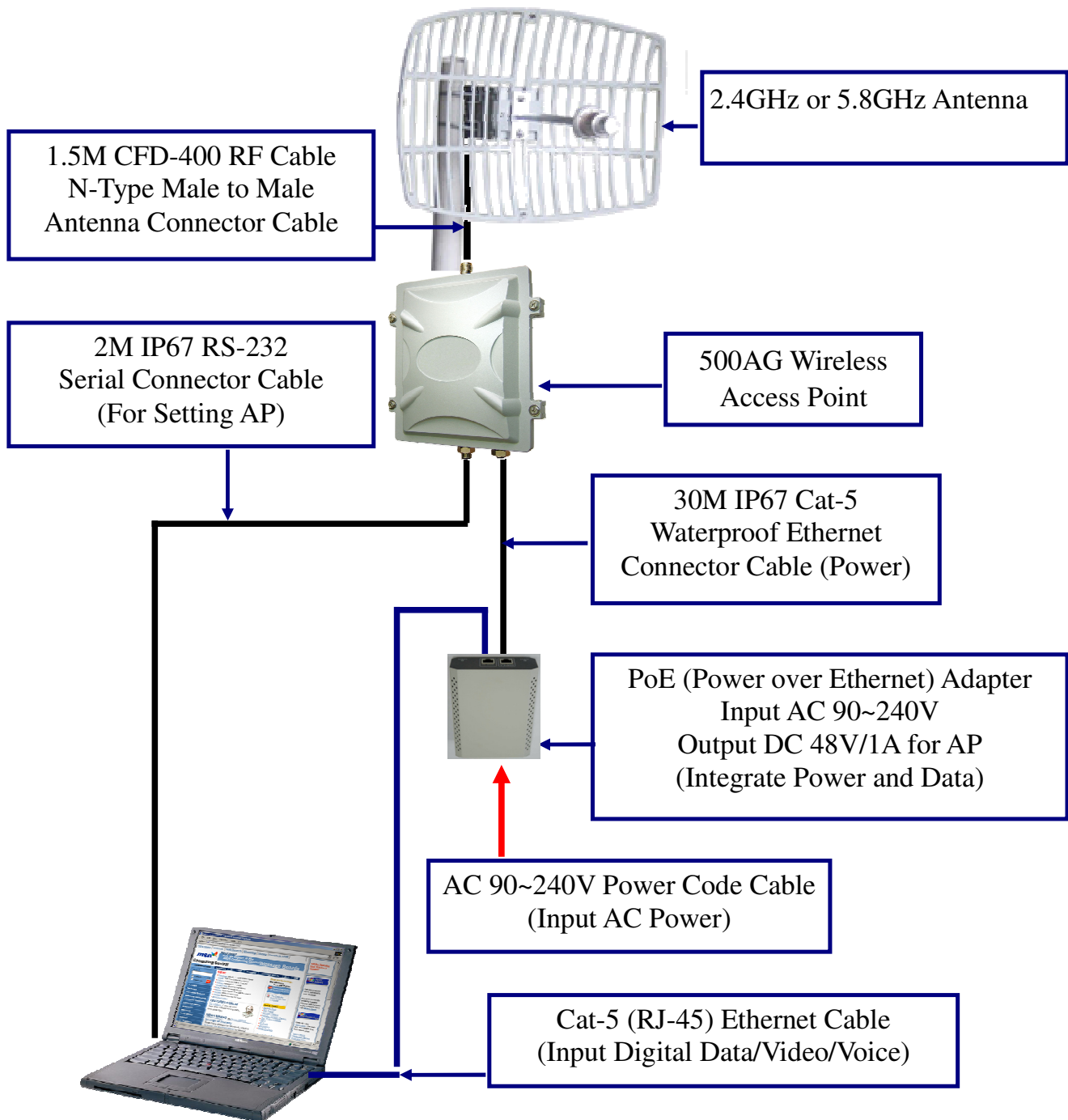
1. Product and Parts



1. 500AG/600AG/3300AG 802.11a/b/g Outdoor Wireless Access Point unit
2. PoE Power Injector (Input AC 90~240V, Output DC 48V/1A)
3. AC Power Cord
4. 30m MIL-C-5015 IP67 Cat-5 Ethernet Cable
5. 2m MIL-C-5015 IP67 RS-232 Console Cable
6. Grounding Wire
7. Wall Mounting Kit & Screw
8. Mast Mounting Kit & Screw
9. Quick Installation Guide. (or download from ftp server)
10. CD: User Manual. (or download from ftp server)

Please contact your local distributor/reseller if any of the above items is missing.

2. Outdoor Access Point Install Diagram



3. AP Configuration with SMT User Interface

3-1. Configuring AP with Telnet

STEP-1. Power on the AP

- 1.Connect power supply to PoE injector with the AC power cord provided as shown in the above diagram. The yellow **POWER** LED on the PoE will be on when the PoE has adequate power supply.
- 2.Connect The AP to **POWER & DATA OUT** port on the PoE with MIL-C-5015 IP67 Cat-5 Ethernet Cable provided. The red **ACTIVE** LED indicates if the AP has successfully powered-on.
- 3.Connect **DATA IN** port on the PoE injector with Ethernet cable to the LAN that the AP associates with.

STEP-2. Verify IP address setting

Configure the network settings on your PC to obtain an IP address. Computer uses IP addresses to communicate with each other across a network, such as a LAN. **The default IP address of the AP is 192.168.1.1** so the PC needs to be set in the same net scope to access AP with Telnet.

- 1.Go to **Control Panel** of your PC and double-click **Network Connections** icon.
- 2.Right click **Local Area Connection** and select **Properties**.
- 3.Select **TCP/IP** for the applicable Ethernet adapter and click **Properties**.
- 4.Click the **IP Address** tab page, select **USE the following IP address**, type an address between **192.168.1.2** to **192.168.1.254** (192.168.1.1 is for the AP) for **IP Address** and **255.255.255.0** for **Subnet Mask**, then click **OK** button.

STEP-3. Connect the AP by telnet

After having the correct connection, start the telnet session to **192.168.1.1**. **Enter the default password "0000"** and press ENTER on your keyboard to enter the main menu. The system menu tree (SMT) will appear on your terminal software as shown below. **(Note: The Web UI is ID: admin / PW: password.)**

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General Configuration
 11.System General Setup
 12.Interface Configuration
 13.Assign WAN Interface
 14.Routing Configuration

Advanced setting
 21.System Password
 22.Bandwidth Control
 23.DHCP Configuration
 24.NAT Configuration
 25.SNMP Configuration
 26.Wireless Security Setting

System Management
 31.Configuration Management
 32.Security File Management
 33.Firmware Upgrade
 34.System reboot

System Monitoring
 41.Interface Link Status
 42.Connecting Client List
 43.System log
 44.System Information
 45.Command Line
 99.Logout

Enter Menu Selection Number :
  
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Please refer to the user manual for detailed description of each selection item.

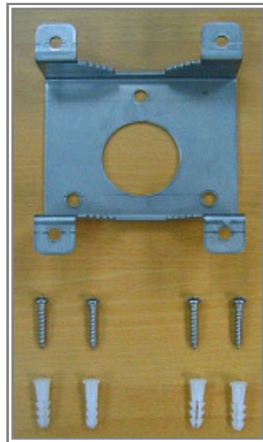
3-2. Configuring AP with Console

Alternatively, the AP can be configured via console and serial port on your PC.

1. Connect power supply to PoE injector with the AC power cord provided, and connect The AP to **POWER & DATA OUT** port on the PoE with MIL-C-5015 IP67 Cat-5 Ethernet Cable provided as shown in the connection diagram. Both **POWER** and **ACTIVE** LED on the PoE will be on when The AP is properly powered-on.
2. Connect the AP and the PC with MIL-C-5015 IP67 RS-232 Console Cable with 115200bps connector (the black color RS232 connector) provided.
3. Adjust the baud rate of your terminal software to 115200bps (128kbps).
4. Set the flow control to N/A.
5. Connect the AP from terminal software.
6. Enter the default password “**0000**” and press enter on your keyboard to into the main menu of SMT. If the connection is correct, the main menu of The system menu tree (SMT) will appear on your terminal software. **(Note: The Web UI is ID: admin / PW: password.)**

4. Outdoor Installation

Mounting Kits



5. Waterproof Installation and Protect Device



Most of the problems of outdoor models are from the connector connections that loosen over time due to vibration or other forces, even allowing moisture to penetrate the connector and seriously affecting the data and radio signal transmit. The following recommendation is used for all outdoor installation to be waterproofed.

Step1: Fasten all connectors securely together.



Step2: Tightly wrap two layers of self-bonding insulating tape forward and backward over the physical connection extending 2 inches beyond the connectors or the end of heat-shrinkable tubing on the RF coaxial cable or omni- antenna connector, and overlapping the tape on each turn.

Step3: Recover again by tape more cover 1.5cm.

