AMS-9060 Controller Installation and Service Guide

1. About the guide

This guide explains how to install the AMS-9060 controller and its matching antennas.
The AMS-9060 controller connects to at least one,but no more than four,of the following antennas or other kinds of antennas:



2. To the installer

Important: you can install the AMS-9060 controller in plenum spaces or air-handling spaces, for instance: on a shelf,on a wall or to a ceiling.Always confirm Safety Standard for Fire test for heat and visible smoke release for discrete products and their accessories installed at actual application sites.

Warning: In certain countries,there may be installion restrictions on the antennas.All outputs are class 2 dry.And this systems are only for indoor use.

3. Installation requirements

I.Verify that all required equipment is included.
II.Coordinate all work with other trades to avoid interference.
III.Verify site conditions and obtain all related plans,specifications,shop drawings and schedule.
IV.Suitable structure and hareware for mounting the controller to a wall or ceiling.
V.Equipment required: an AMS-9060 controller,pedestal antennas,hard tags or labels.
VI. Additional equipment required: a laptop computer, ADS4 CE Configurator installed on the computer, two debugging cables (USB to RS232 cable + communication cable).





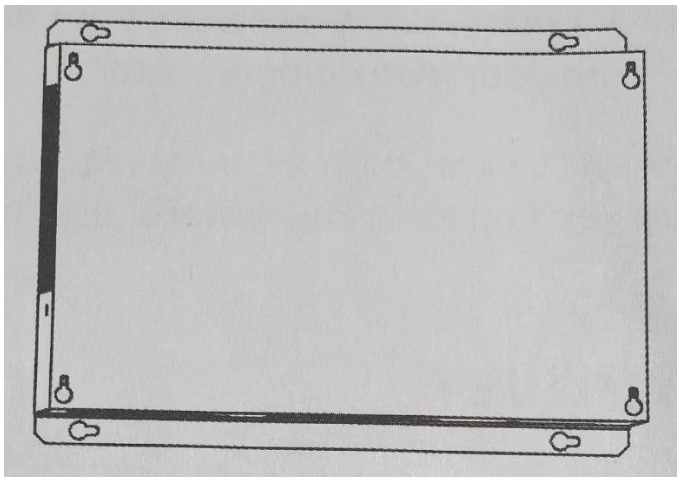


4. Mounting the controller

To mount the controller, complete the following steps:

I. Detach the top cover from the controller.

The top cover of the controller:



II. Remove the knockouts closest to the connectors that you are going to use, and then reattach the side plate.

III. Set the controller on a shelf, or using suitable anchors and hardware, mount it on a wall or ceiling.

Note: Run cables from antennas and devices through the appropriate knockouts, as shown below,and secure them using the cable clamps provided.



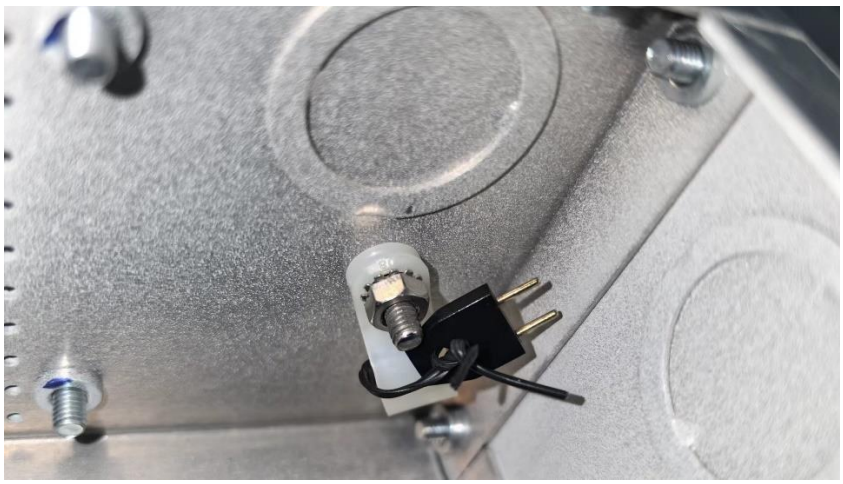
5. Connecting AC power

I. Locate the voltage shunt, which is tied to the cable clamp in the controller.

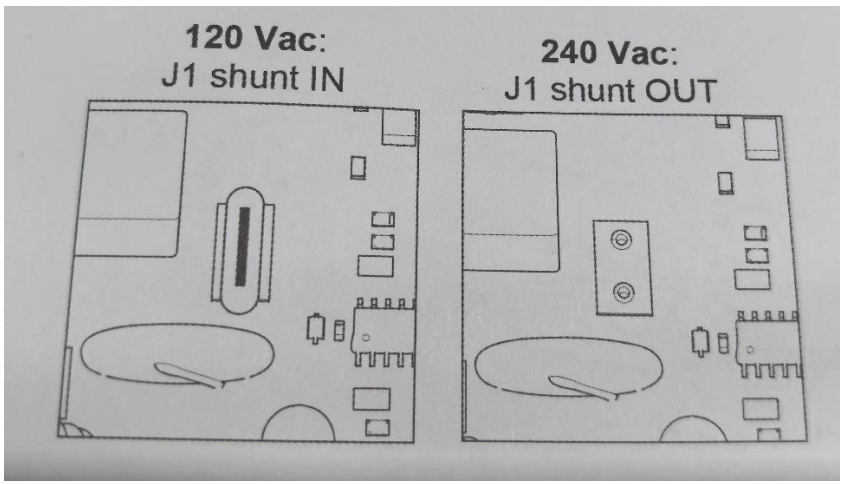
WARNING: Risk of electric shock. Ensure that the system is not turned on before moving the shunts.

II. Select the proper voltage for the site using the shunt, included with the kit. The default setting is 240 VAC.

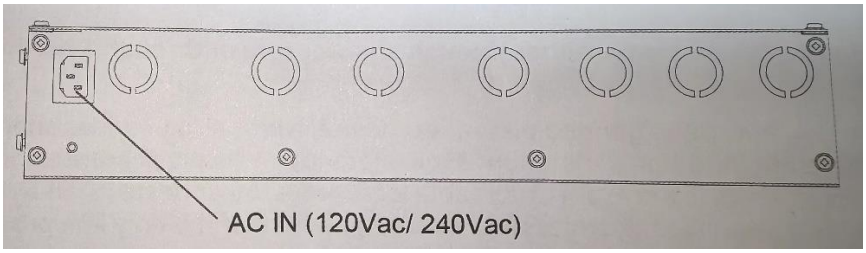
Black shunt tied to the cable clamp :



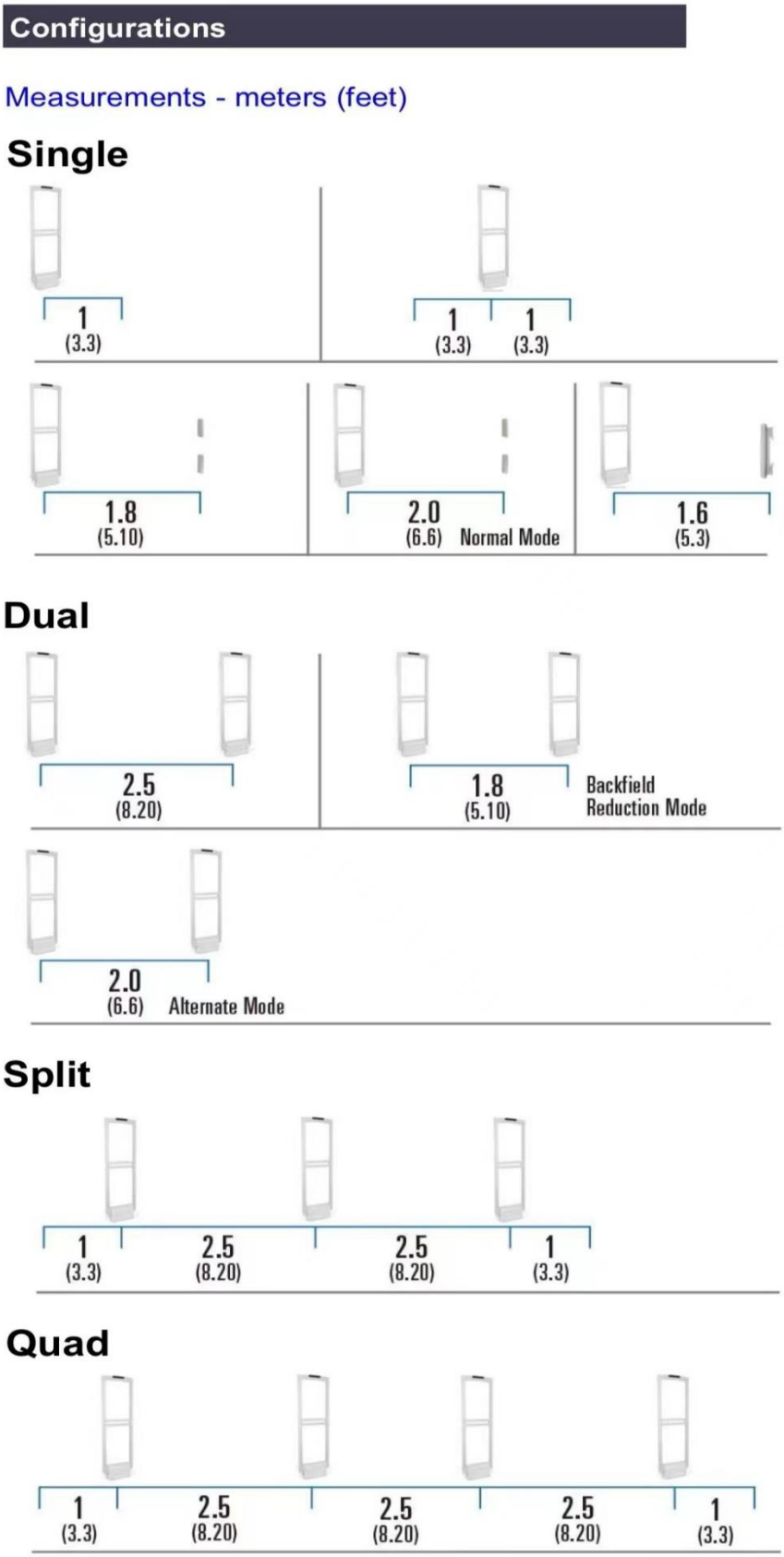
Voltage settings and shunts:

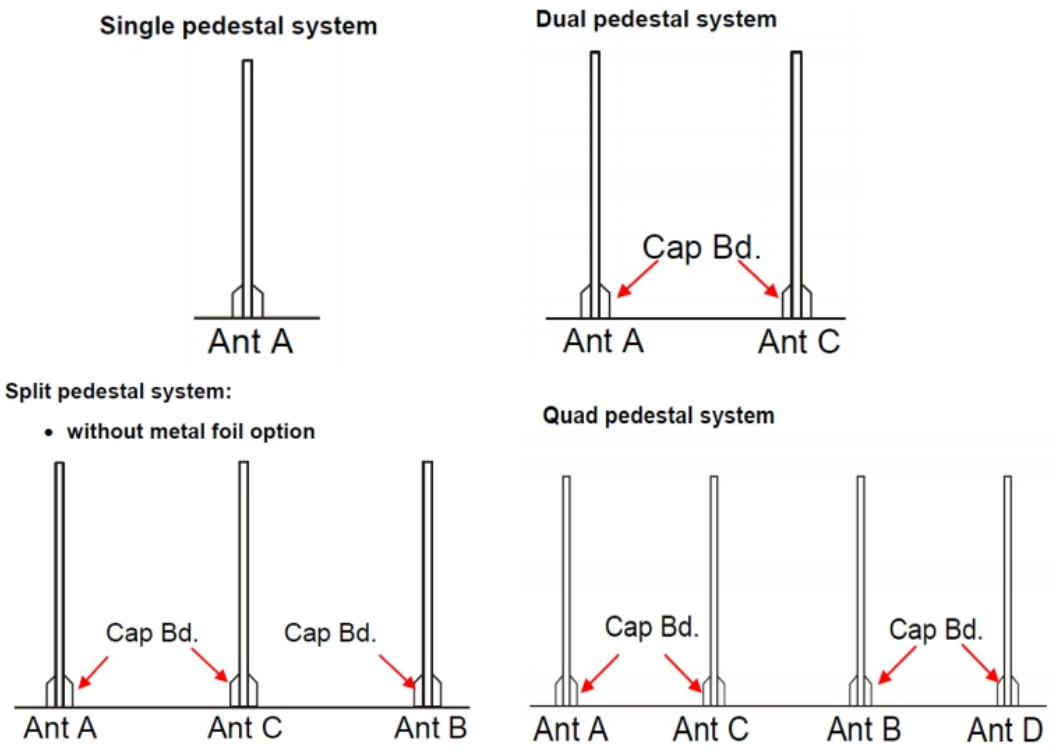


Connecting the power cord:



6. Antenna Configurations



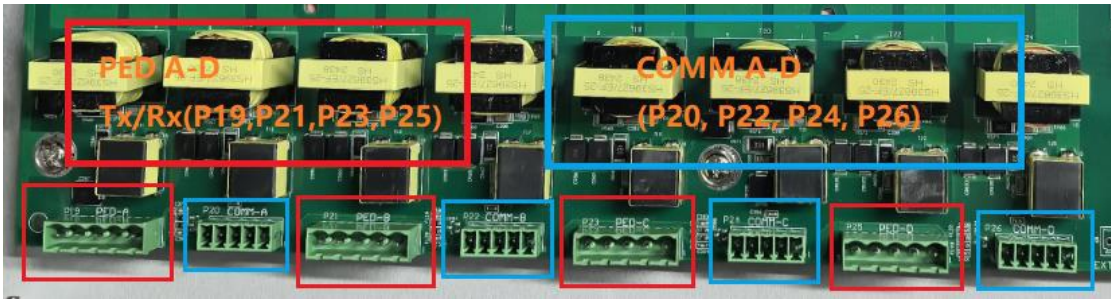


7. 4-Channel AMS-9060 Controller

I. AMS-9060 Controller



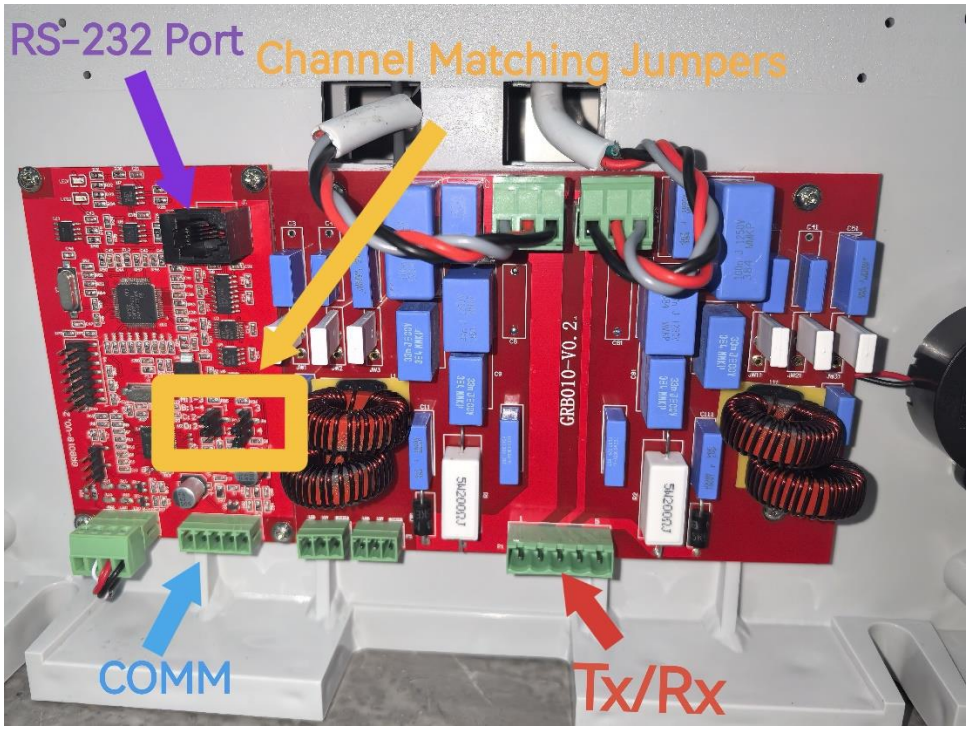
II. Communication ports and transmit/receive ports connected to the antennas are located on the front of the AMS-9060 controller:



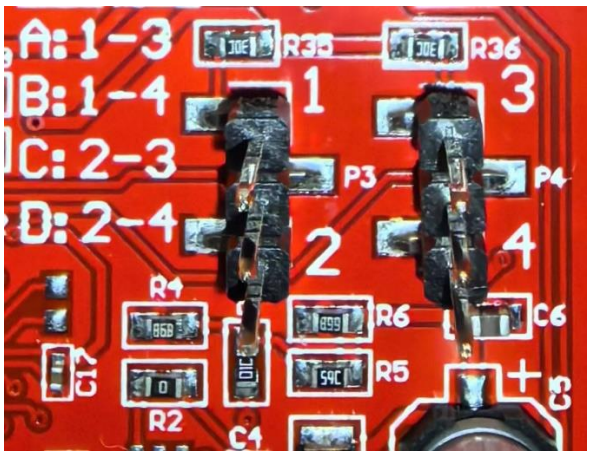
III. RS-232 port(J3) on the controller for configuring the system:



8. Communication board and capacitor board:



Note: Channel Matching Jumpers



Connector	Jumper position
Tx/Rx A	1-3
Tx/Rx B	1-4
Tx/Rx C	2-3
Tx/Rx D	2-4

Before switching on the power, the jumper position must correspond to the channel to which the controller is connected.