Operation Manual For

8.2MHZ RF Mono Security System

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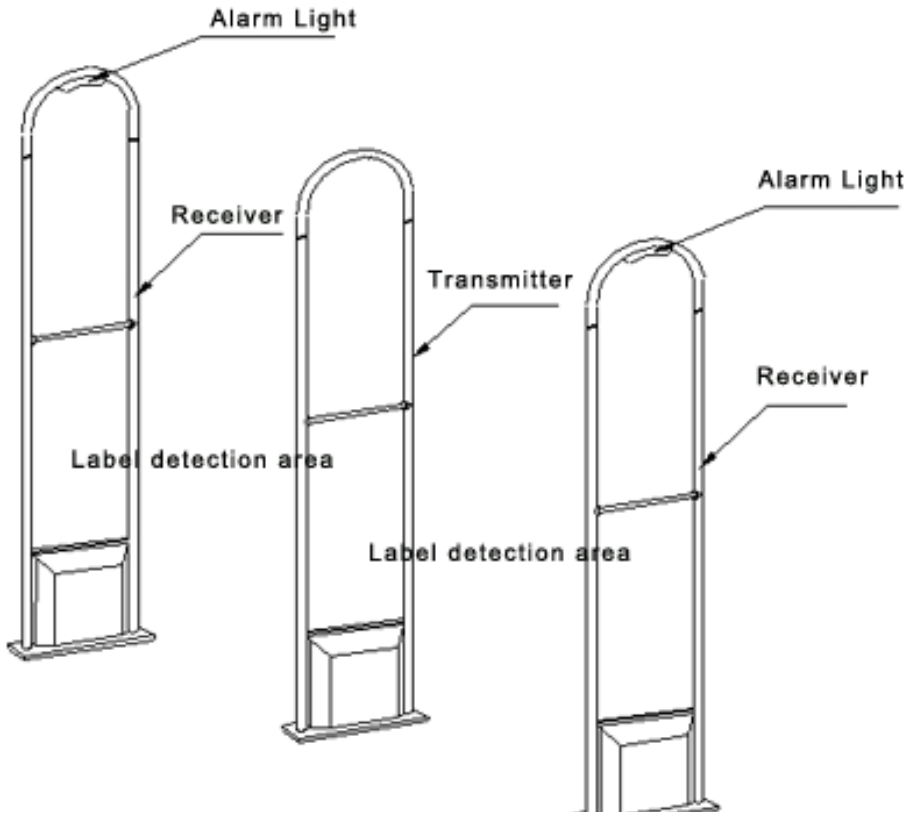


Figure 1：Graph for receiving and sending

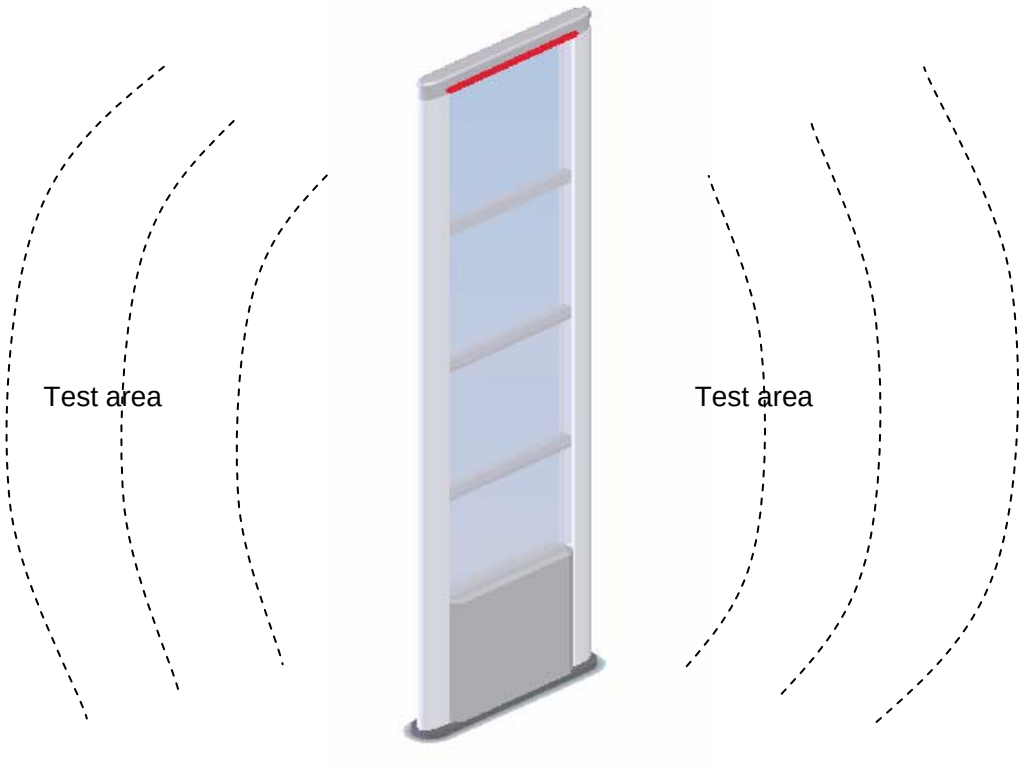


Figure 2：receiver and sender

port specification:

Main board port specification: figure 3 as below:

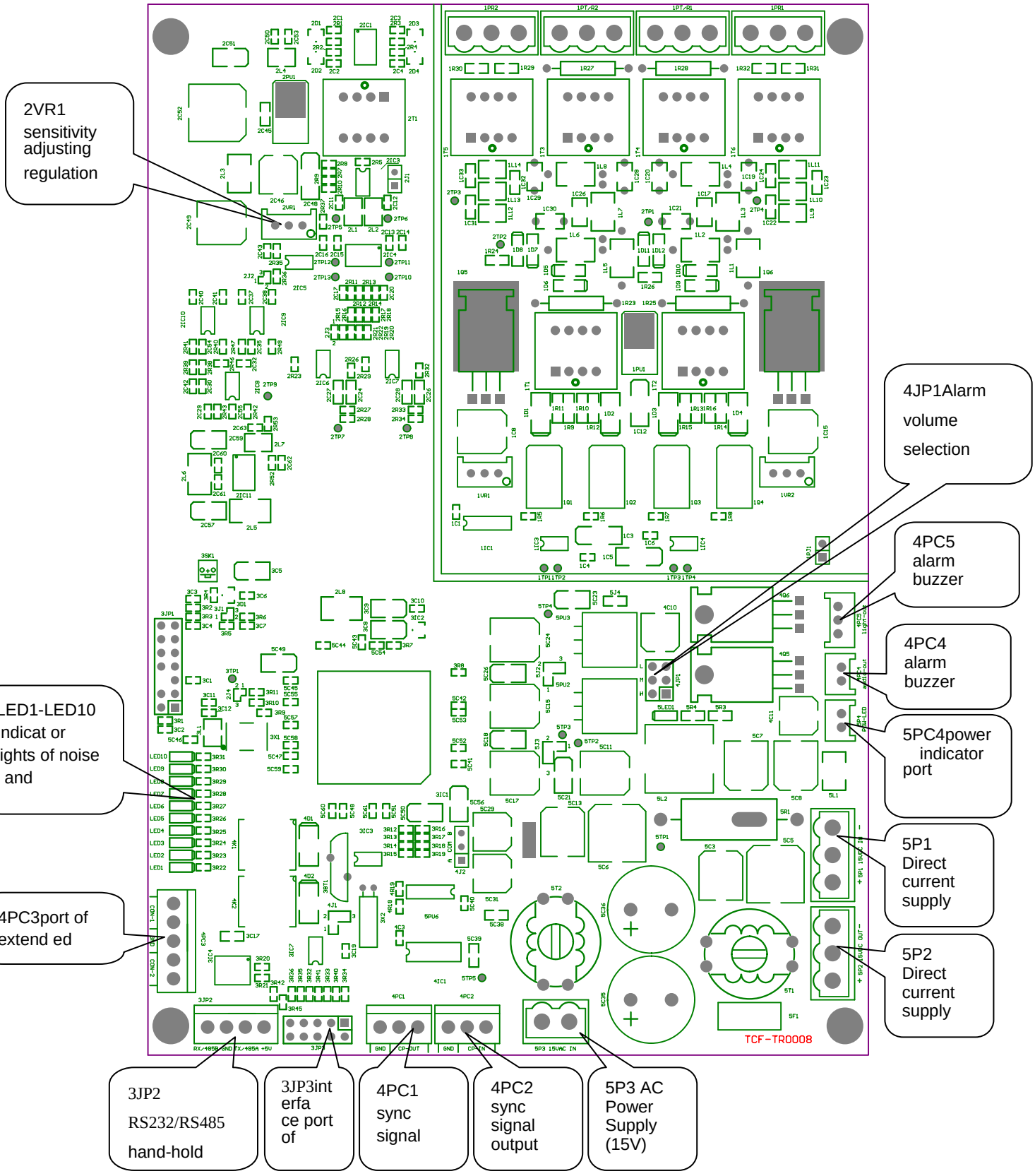


Figure 3: function explanation schematic of mainboard interface

LED1~LED10 status indicated light specification:

1、LED1 alarm indication, when tests the label the light will be on.

2、LED2 mainframe status indication, when set up with the main motor board the light will be on.

3、LED3 operation status indication, when set up with this status, correctly connect with the synchro signal, the indication light will be on.

4、LED4-LED10 indication for environmental-noise class, if no light on means the noise is low, LED10、LED9、LED8 lights on means the environmental noise is in low-class, LED7、LED6 lights on means the environmental-noise is in middle-class, LED4-LED7 will be in different status according to the distance between the label and the antenna, usually if the antenna get closer to the antenna, the more the lights will be on.

Expanding injections: every injection is reserved for further improving the system function.

Every important injection detailed specification is as figure 4.

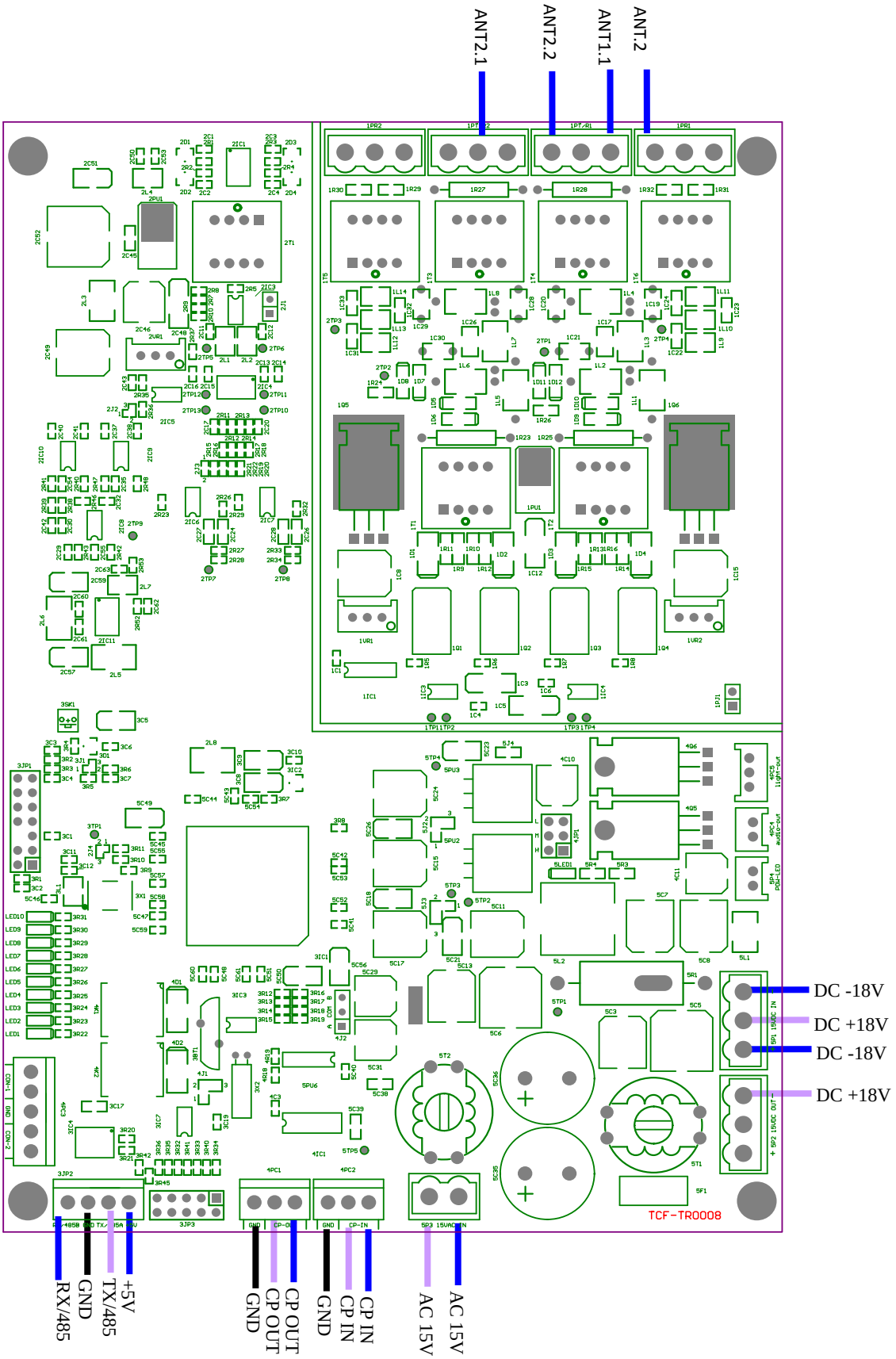
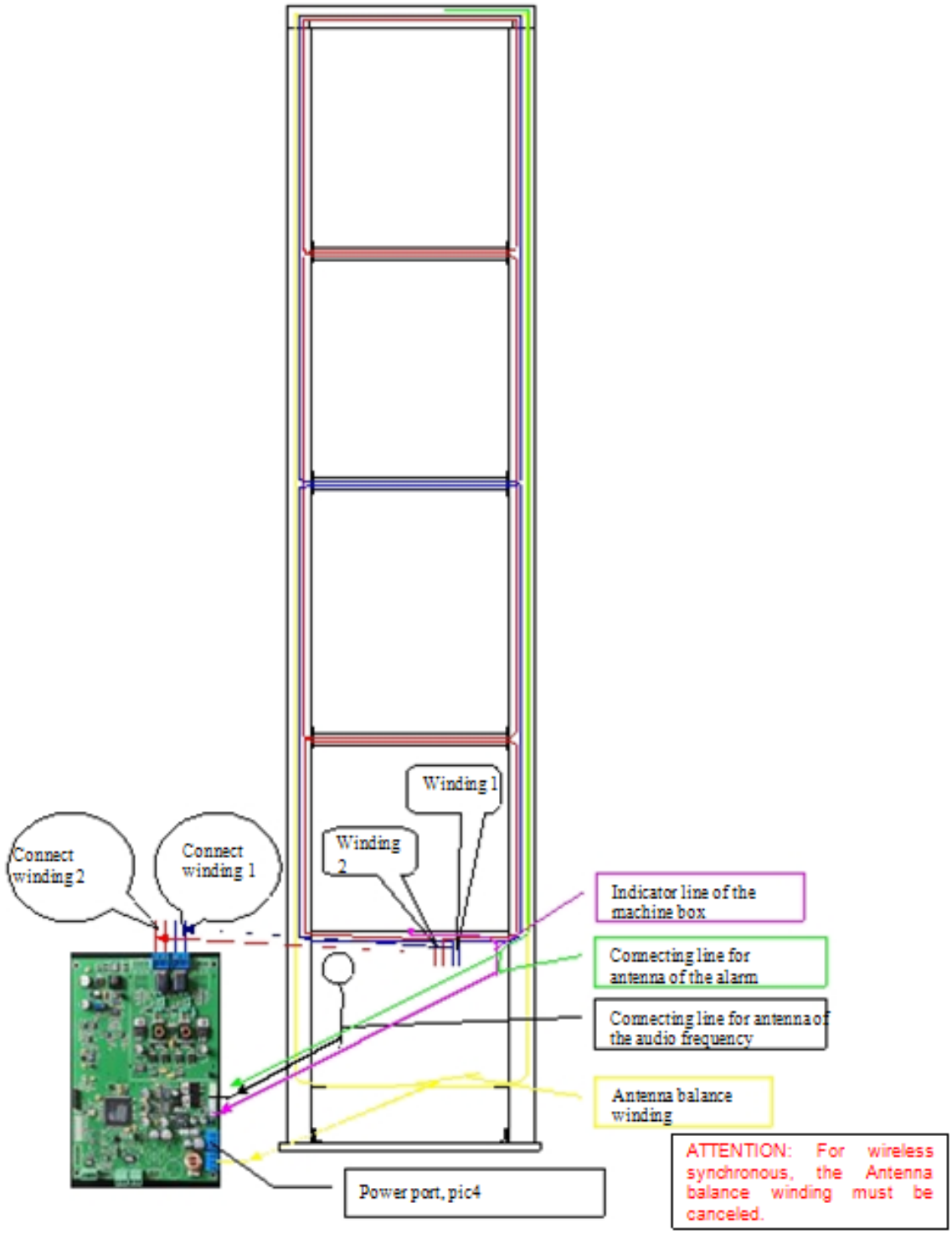


Figure4: port detailed specification

Three System installation specification

Connection between the antenna and the main board and the power:(see figure as bellow)



Matter needs attention, when installing

①The test system surrounding should not have internet cable, over 110V power line

②This test system should take the separate power supply as possible, which can't share the same power supply with computer, displays, stereo and some other machine.

③Because this system has the same test distance between left and right, then when do installation which should avoid placing the labeled good with the antenna, the distance between the goods and the antenna should be in 1.5～2.0m(different labels, different distance).

④The bad switch power or use the electronic product with switch power, which should be kept away from the test area(over 2m of the antenna distance, otherwise which will cause interference to the system, lower the test rate or lead to wrong report

⑤In order to avoid the outside interfere, this system must use the power line with 1.5mm of double cores and plastic shield line.