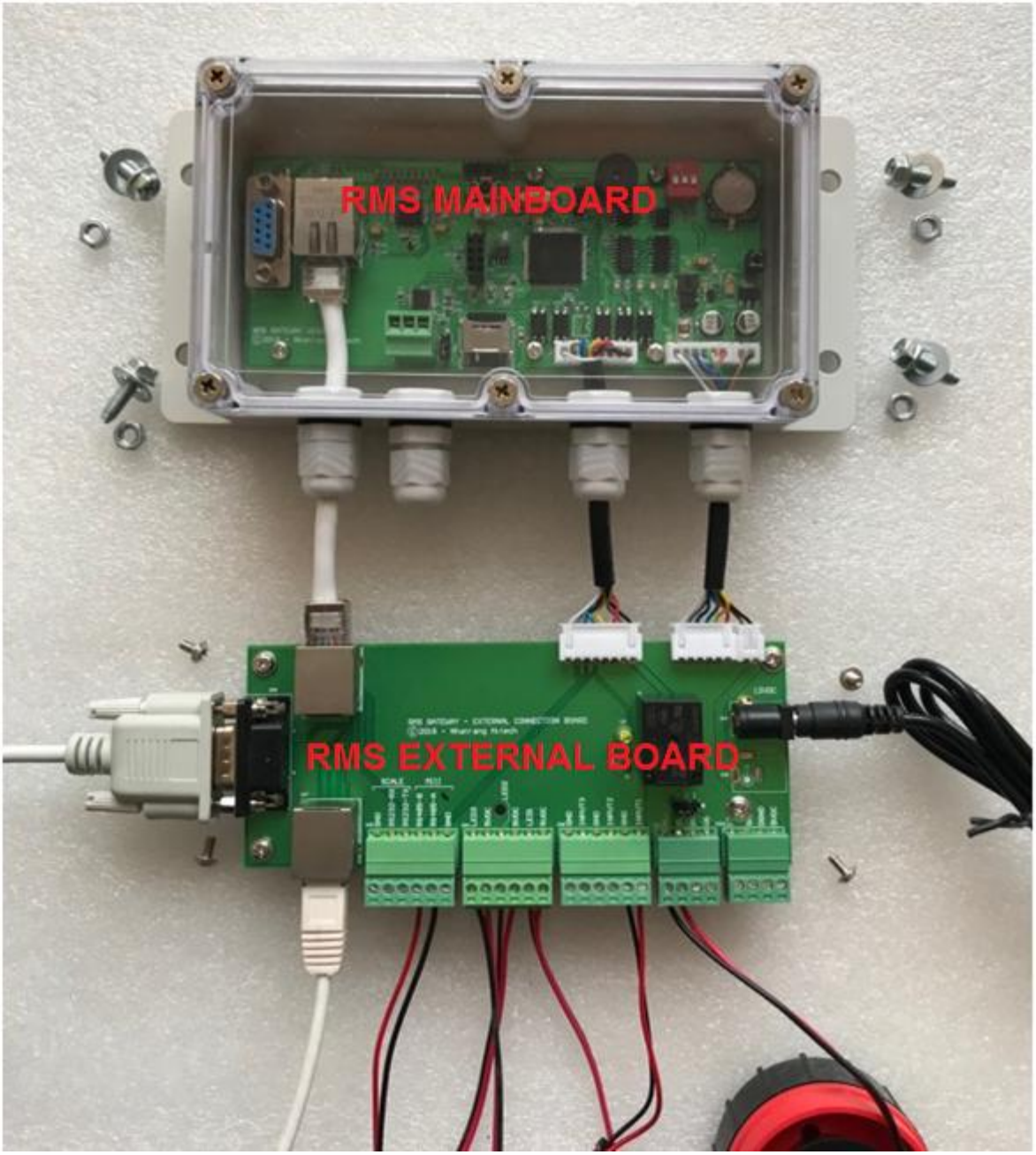
(I) INSIDE THE BOX

(1) RMS box
(2) Battery coin (for Realtime clock) - not included in the package, please buy in your side
(3) RS485 protection
(4) Adaptor 12VDC, 2A and screw

(II) WIRING DIAGRAM:



Setup process:

(1) Insert the battery coin

Open the box cover of the RMS MAINBOARD and insert the battery coin into the socket.
Close the box cover of RMS MAINBOARD.

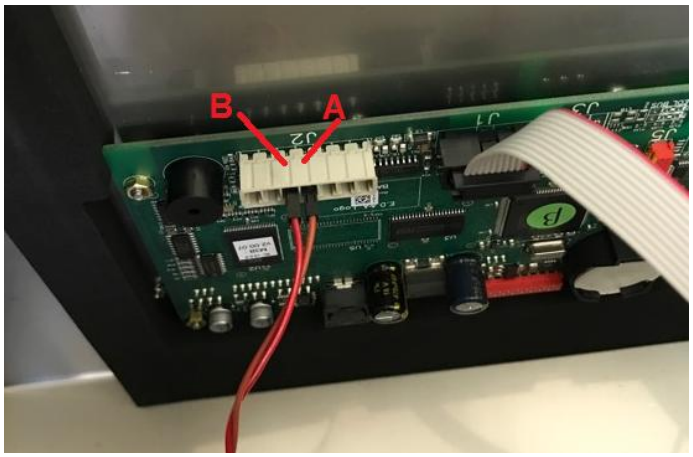
(2) Connect to the power adaptor:

Plug the 12VDC, 2A adaptor into the 12VDC connector on the RMS EXTERNAL BOARD

(3) Connect the MIII to RMS device (in case using MIII):

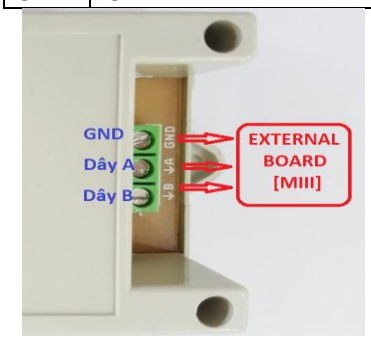
(i) Wiring the RS485 signal from MIII mainboard to RS485 protection box

Note: A, B signal from MIII - connector J2 as below picture:



(ii) Wiring the signal from RS485 protection box to RMS EXTERNAL BOARD:

No	RS485 protection box	RMS EXTERNAL BOARD
1	A	A
2	B	B
3	GND	GND



(4) Connect to the horn (not included horn in the package):

No	HORN	RMS EXTERNAL BOARD
1	Red color wire	RL+
2	Black color wire	RL-

(5) Connect to scale display (not included scale in the package):

Connect the DB9 male from RMS box to the scale display (OHAUS).

Config of OHAUS scale:

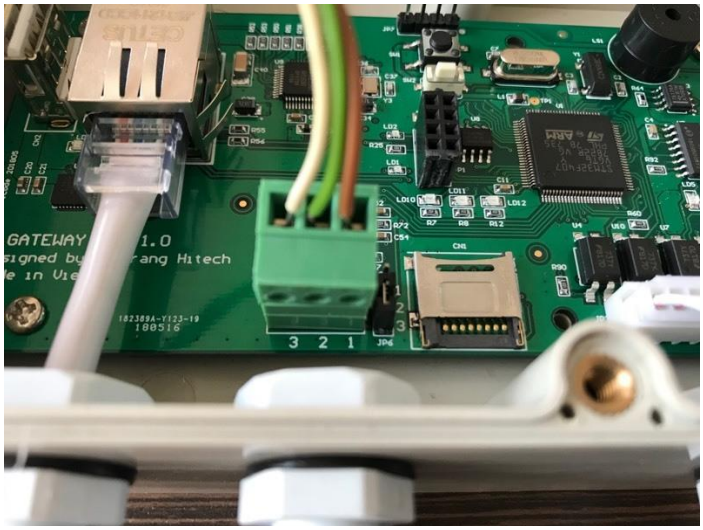
-Baud: 9600
-8 bit, none parity
-Stop bit: 1
-Hand shaking: none
-Interval to send data: 10 sec/time

(6) Connect to PT100 (in case using PT100):

-Connect PT100 to the RMS MAINBOARD:

No	PT100 sensor	RMS mainboard - CN6
1	Brown	pin 1 of connector CN6
2	Green	pin 2 of connector CN6
3	White	pin 3 of connector CN6

Note: Jumper JP6 on the RMS MAINBOARD is selected at pin 2 and pin 3 for PT100 mode 3 wire.



(7) Connect to Ethernet:

Plug RJ45 cable into the RJ45 connector on the RMS EXTERNAL BOARD.
Note: Make sure that the Ethernet router can connect to the Internet and it has to be configured to assign the IP automacally.

(III) SETUP SYSTEM AND CHECK THE OPERATION CONDITION:

Check the operation condition:

Plug the Adaptor into AC power socket.
GREEN LED (RUN) flashing 3 sec/time --> The device is working.
RED LED (CON) flashing --> The device is connecting to the server (it only flash once send/receive data from server).
YELLOW LED (ERR) turn ON --> The connection to MIII and/or scale display got problem. The yellow turn off ONLY WHEN device can read the data from both MIII and scale.