

# DRT/PRT always or not always without rotate

## Description:

1: The DRT/PRT always rotates even if you don't choose it to work;

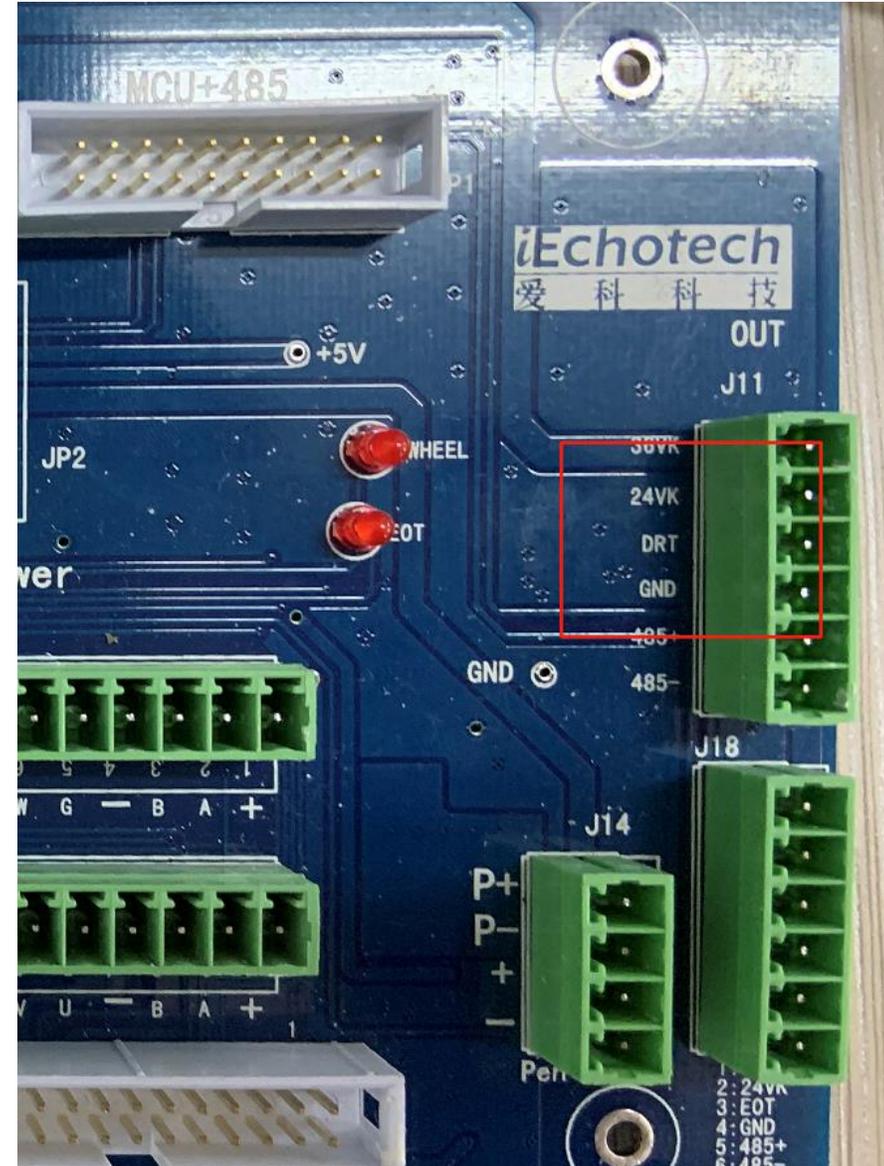
2: The DRT/PRT always doesn't rotate when you choose it to work.

Take off the shield and find the B board here :



# DRT/PRT always rotates:

If the DRT/PRT always rotate, find the “DRT” pin on the B board and check the voltage between “DRT” and GND by multimeter.



When you choose the DRT/ PRT and let it work, the voltage should be around 5v.

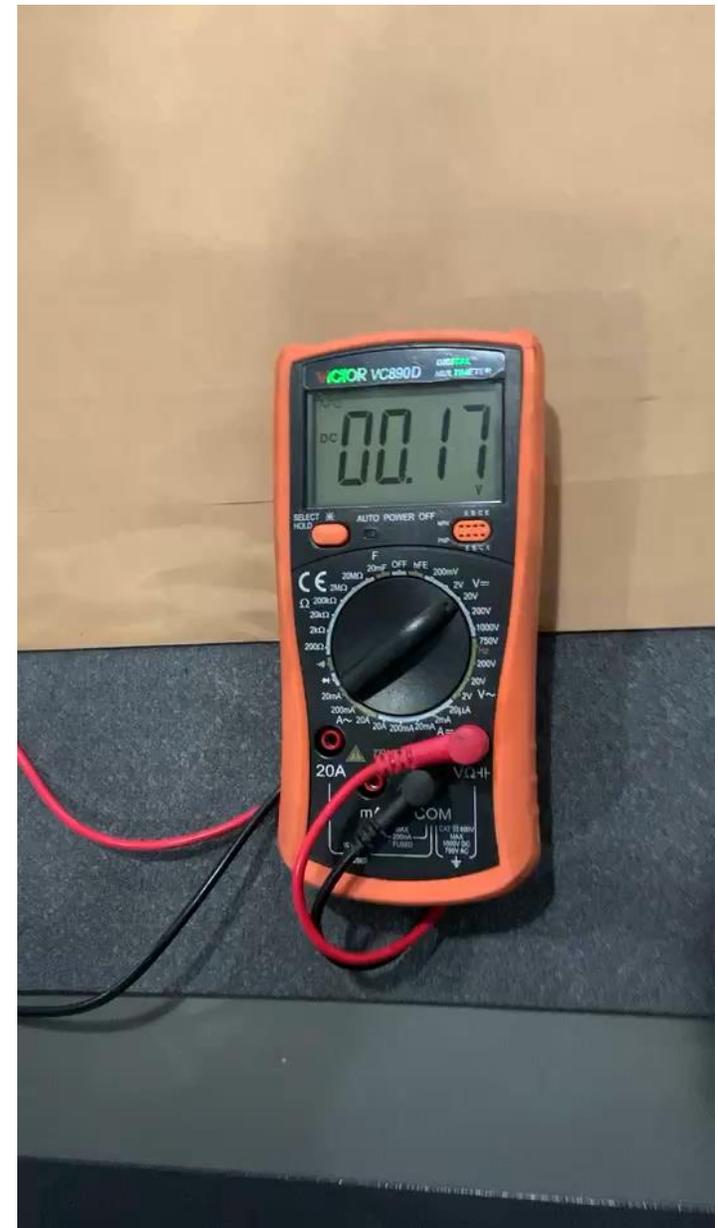
If you don't choose it, the voltage should be 0V.

If the voltage is not correct, it means your B board is broken. On the contrary, it means your DRT/PRT is broken.

The voltage between 24VK and GND should be always around 24V.

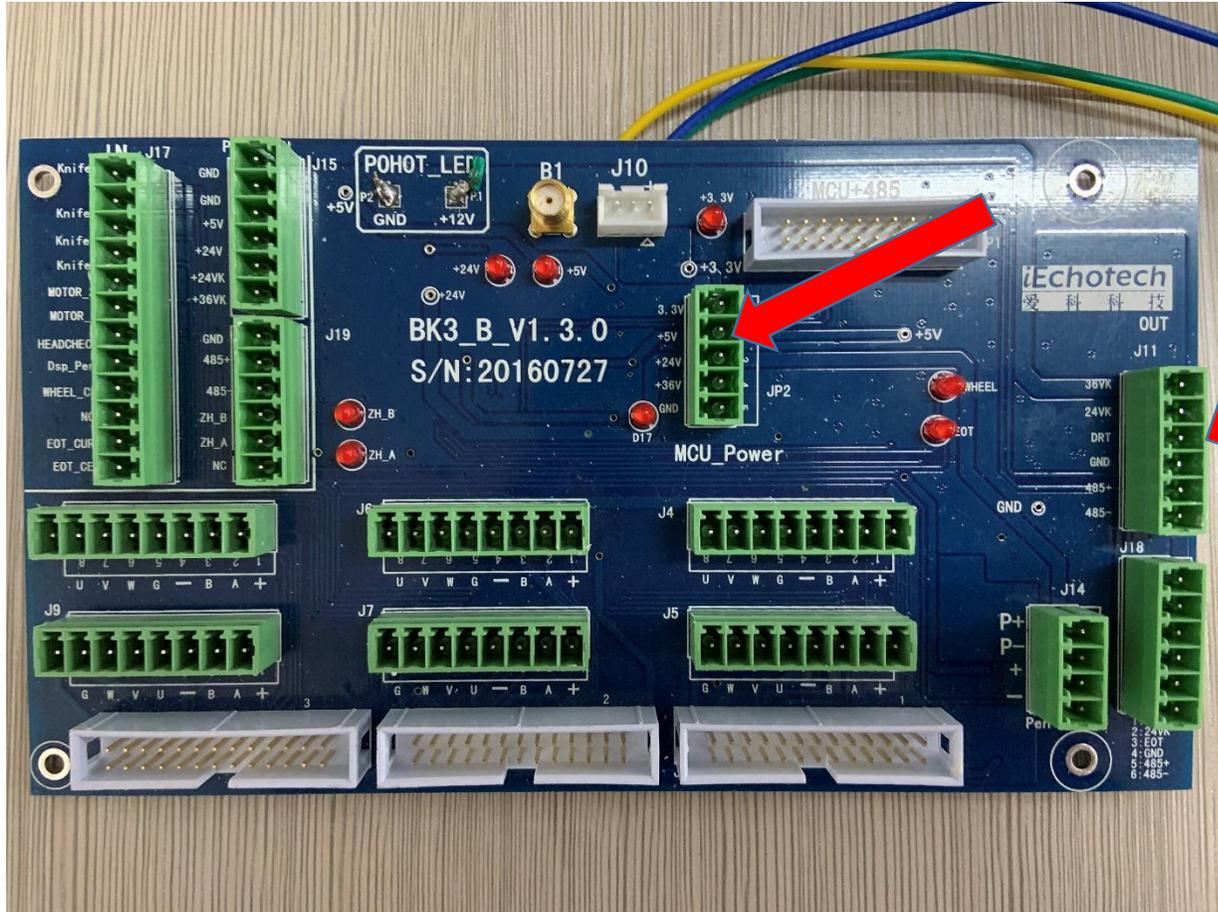
Note: One person needs to operate in cutterserver, choose the DRT/PRT and let work. The other one needs to check the voltage of this on the B board.

Check the video here:



**Note: Be careful! Do not short the circuit!**

## DRT/PRT always doesn't rotate:



If the power input is good but the voltage of the DRT/PRT is not correct, it means your B board is broken.

If the power voltage is not correct, check the power input cable.

When the DRT/PRT doesn't rotate, check the voltage of the B board DRT plug, between GND and 24VK should be around 24V, and when you select DRT/PRT to use it or manual adjust knife depth, between DRT and GND, the voltage should be around 5V. If not, check the power input.



If it is normal, check the DRT/PRT cable communication.

You can test the 1,2,3 pins of the side one to the other side by multimeter one by one, in order to check the cable is good or not.

“Communication of the DRT/PRT cable is good” means the DRT/PRT is broken.