

## **2. the module overall description**

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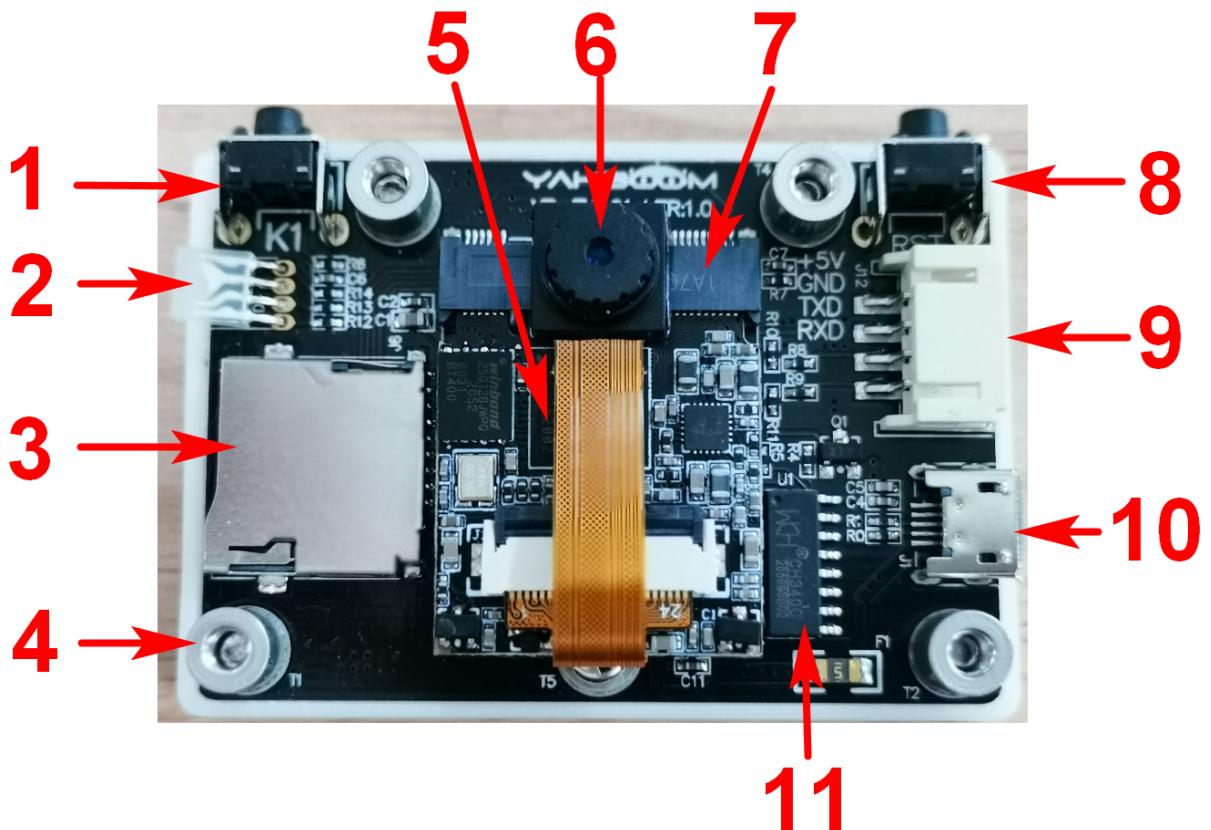
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### **2.1 module front**



The front is a 2.0 inch capacitive touch screen, resolution is 320\*240.

### **2.2 the back of the module**



1. Key K1: hardware connected to IO16, can self-defined key function.
2. RGB lights: programmable display red, green, blue, and white colors.
3. TF card slot: used to insert TF card, gold finger toward the module, save the program and the model file.
4. Fixed copper pillar: a total of four fixed copper column M3 size.
5. K210 core module: contains K210 chip minimum operating system.
6. Camera: to capture images.
7. Module interface: connect K210 core module and a bottom plate.
8. RST button: reset button is used to restart K210 chip.
9. External serial port: connect the other serial port device, the output of the custom data.
10. microUSB interface: download the firmware, the serial port debugging, connect the IDE and the like.
11. CH340 chip: with microUSB interface is connected, the USB signal is converted to a TTL signal.

## 2.3 product physical map

