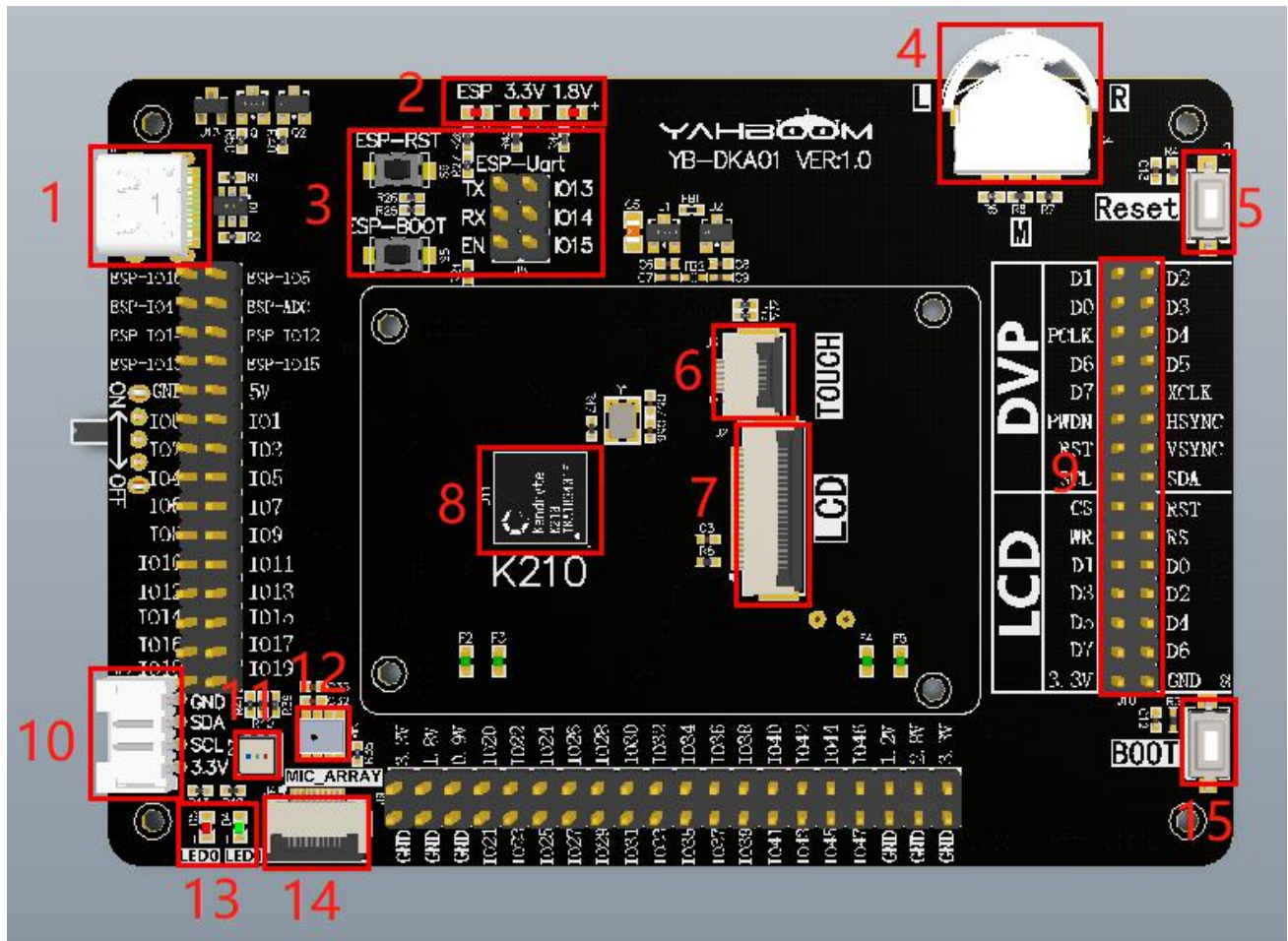


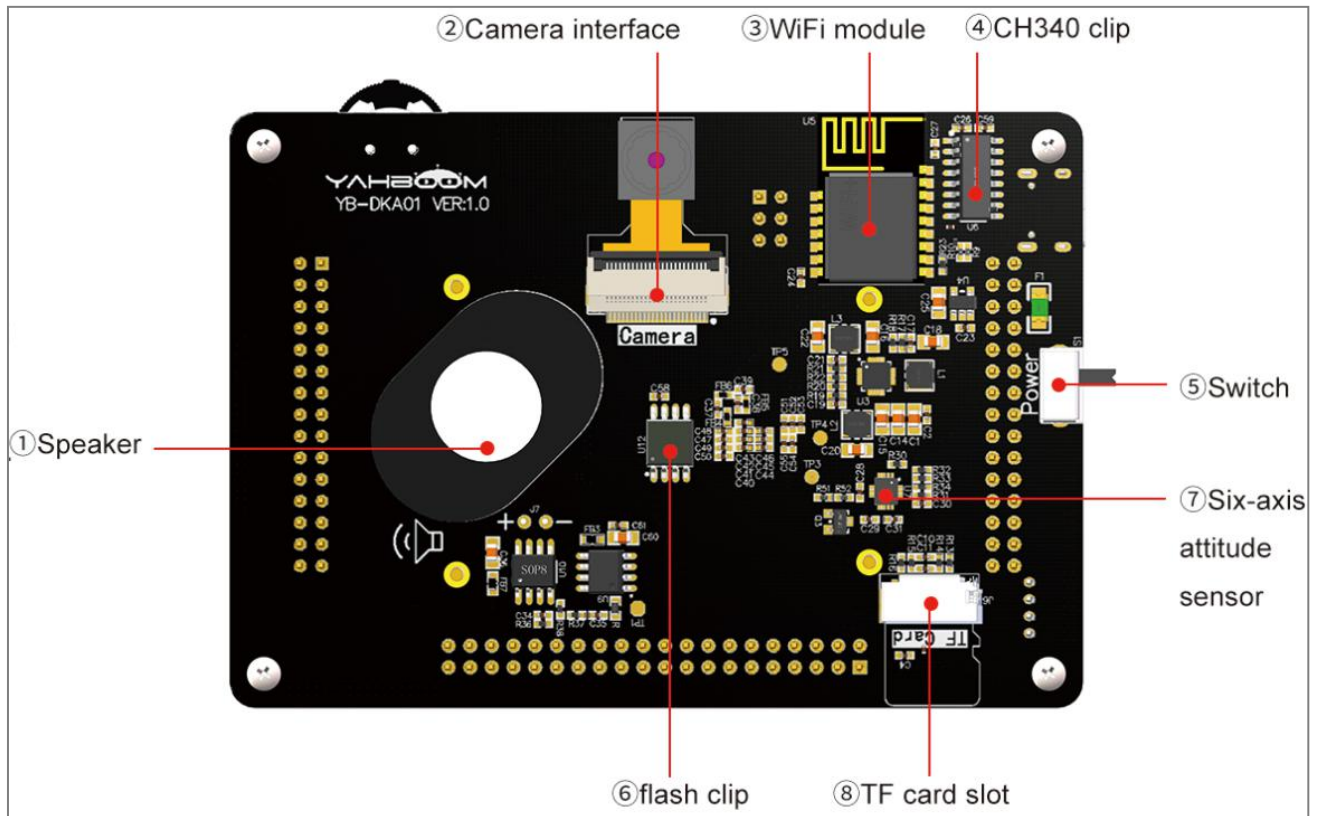
1.2 Introduction of developer kit

1. Front



- ① **Type-C interface:** power supply, download firmware and serial port debugging, etc.
- ② **Status indicator:** Indicate whether the 3.3V, 1.8V voltage of the development board is normal, and the light is on when it is normal. And the WiFi module BOOT level indicator.
- ③ **WiFi module serial port and buttons:** can be used to burn the firmware of the WiFi module or communicate with the K210 serial port.
- ④ **Dial switch keypad:** Three-channel dial switch.
- ⑤ **Reset button:** the reset button of K210 chip.
- ⑥ **External expansion pin header:** The development board has led out all the IO ports of K210 for connecting with external devices.
- ⑦ **BOOT button:** can be used as a custom function button.
- ⑧ **RGB light:** set three IO port levels to light up different colors.
- ⑨ **I2C interface:** external I2C slave device can be connected for communication
- ⑩ **LED light:** LED0 and LED1.
- ⑪ **Microphone array interface:** used to connect a microphone array.
- ⑫ **Microphone:** record sound.

Back



- ① Speaker: play sound.
- ② Camera interface: connect the camera.
- ③ WiFi module: ESP8285-WiFi module, which can realize IOT function on the Internet.
- ④ CH340 chip: download firmware and serial port debugging function.
- ⑤ Power switch: the main power switch of the development board, turn ON to open, turn OFF to turn off.
- ⑥ flash chip: used to save program firmware and data.
- ⑦ Six-axis attitude sensor: The inside is composed of a three-axis gyroscope and a three-axis accelerometer.
- ⑧ TF card slot: You need to insert the TF card yourself, with the golden finger facing the development board.

(Please prepare TF card by yourself)

三、产品实物图

