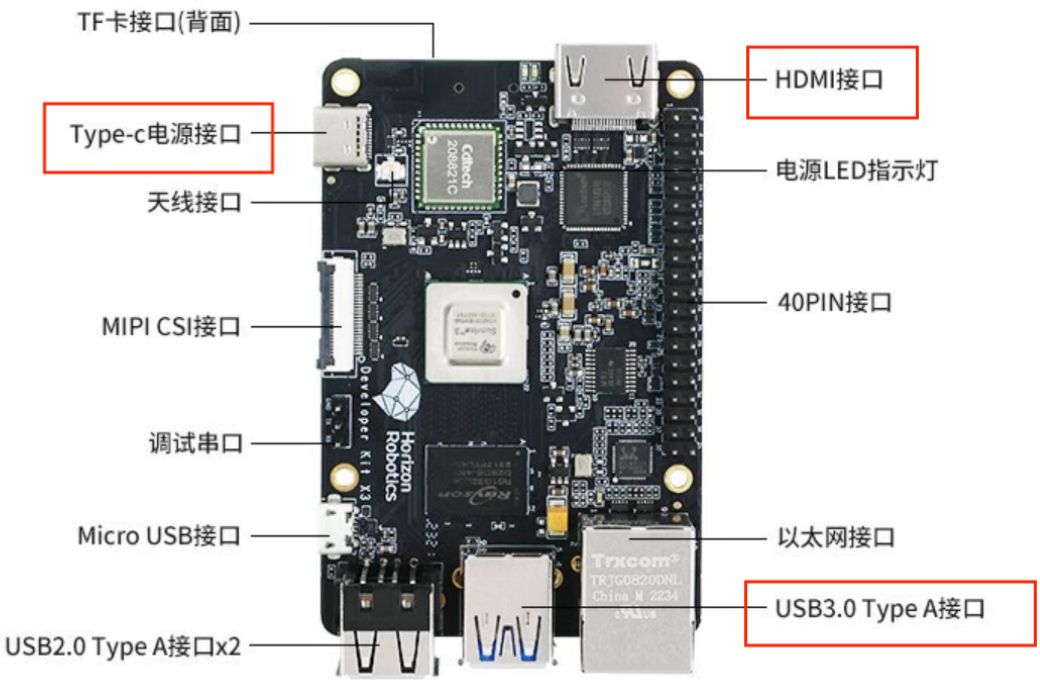
2.12 USB camera usage

The `usb-camera_fcos. py` program is installed on the development board to test the data path of the USB camera.

This example will collect real-time image data from the USB camera, then run the object detection algorithm, and finally fuse the image data and detection results to output through the HDMI interface.

1. Preparation

- Connect to power supply
- Connect the USB camera to the USB 3.0 interface on the development board and confirm the generation of the '/dev/video8' device node
- Connect the development board and monitor via HDMI cable



2.Operation mode

Execute the program according to the following command.

```
sunrise@ubuntu:~$ cd /app/pydev_demo/02_usb_camera_sample/
sunrise@ubuntu:/app/pydev_demo/02_usb_camera_sample$ sudo python3
./usb_camera_fcos.py
```

3. Result

After the program is executed, the monitor will display the camera image and the results of the object detection algorithm (target type, confidence level) in real time, as shown below.