Viewpro

HDMI Output Frame Rate Change and OSD Setting
Series 2

Adapt Models：Rugby, Mini Z10TIR, Mini Z10TIR-35, Q10TIR-35, Z10TIRM, WK10TIRM
Software：PL Cloud Platform Control V1.7

1. Connect computer and gimbal serial port by a USB to TTL cable
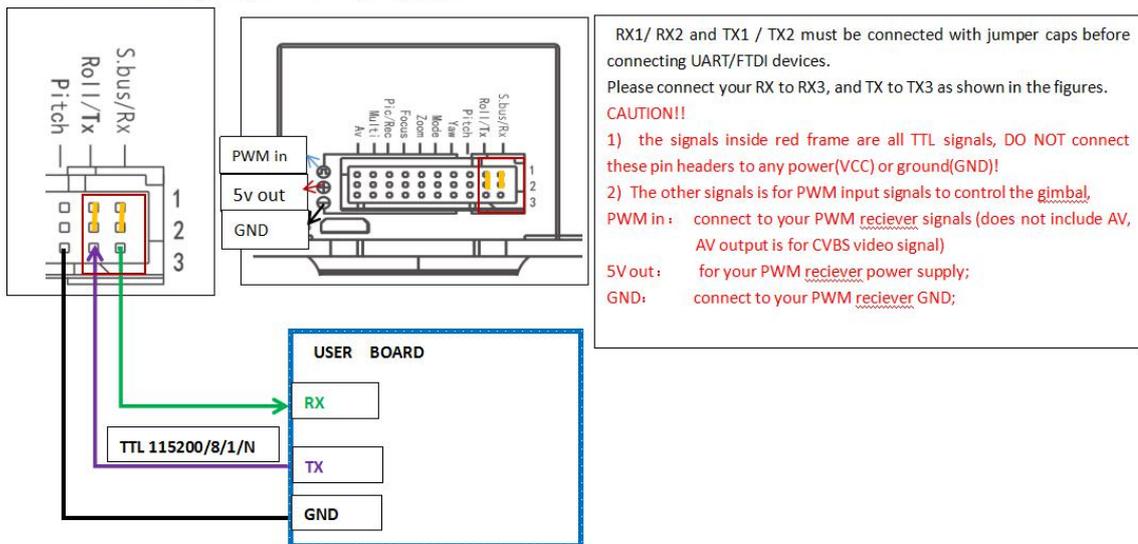
1) Connection method:

USB to TTL cable GND --------- Gimbal GND (as shown in below image)

USB to TTL cable TX ---------- TX (printed on Viewpro gimbal controller Z-3D)

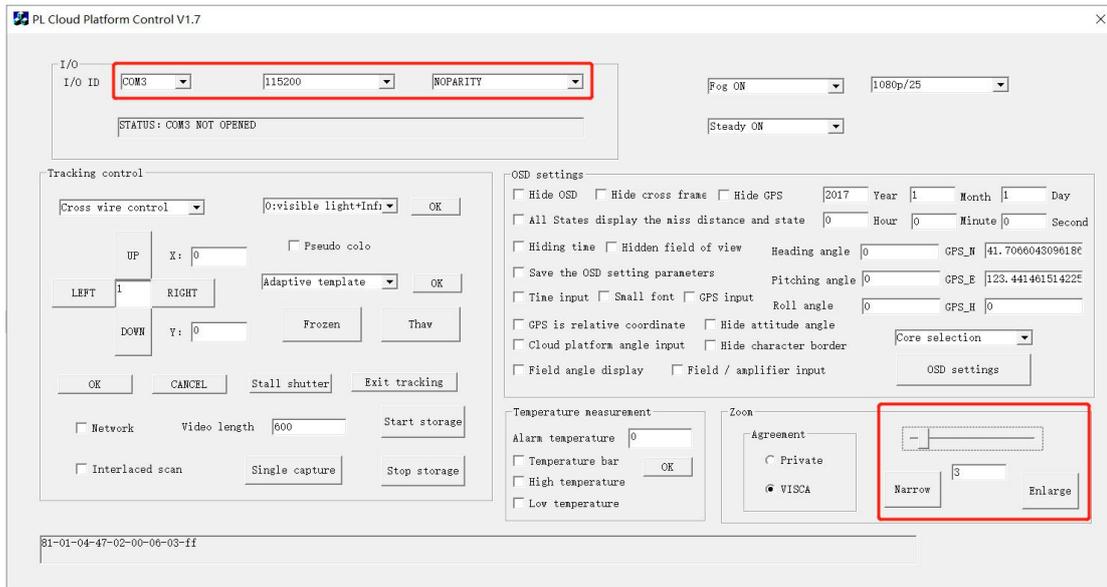USB to TTL cable RX ---------- RX (printed on Viewpro gimbal controller Z-3D)

Diagram:

2) The USB to TTL cable connecting photo (Red 5V, Black GND, White RXD, Green TXD)

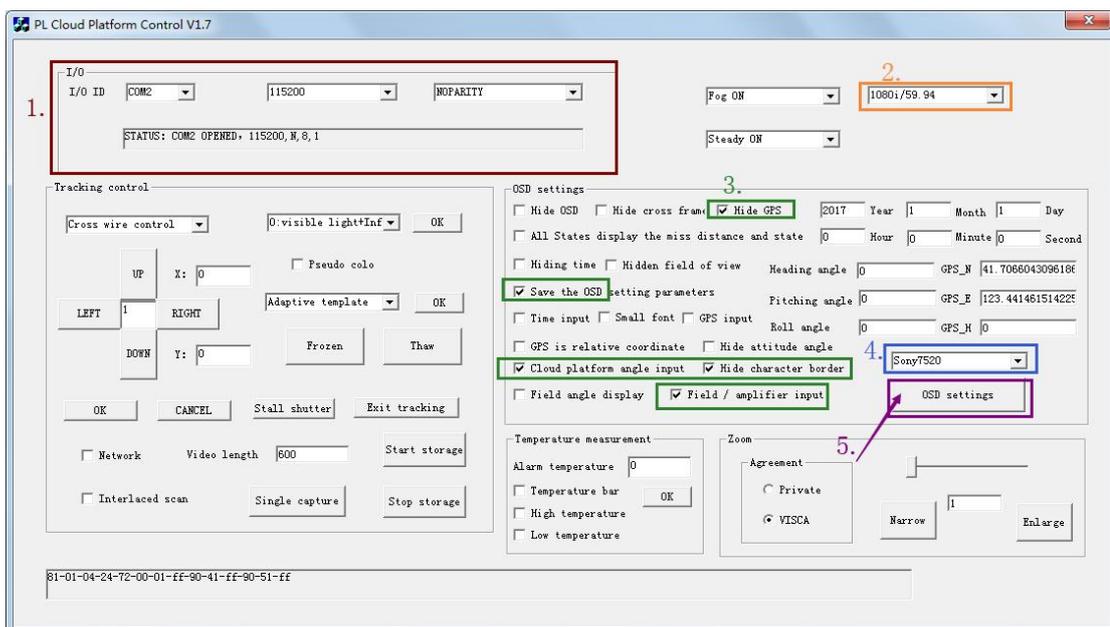Install Software **"PL Cloud Platform Control V1.7"**, start it.

2. Test connection:

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1) Power on the gimbal camera. Select the current port COM(X);
2) Click the "Enlarge", then camera lens zoom, picture zoom, connecting well.

3. **Change the HDMI output frame rate to 1080p30 as following steps**：

1) Select the correct COM port，the baud rate is 115200，without test；

2) Select **1080i/59.9**

3) Select the required OSD options，can be selected same as the following pictures if no

   specific requirements.
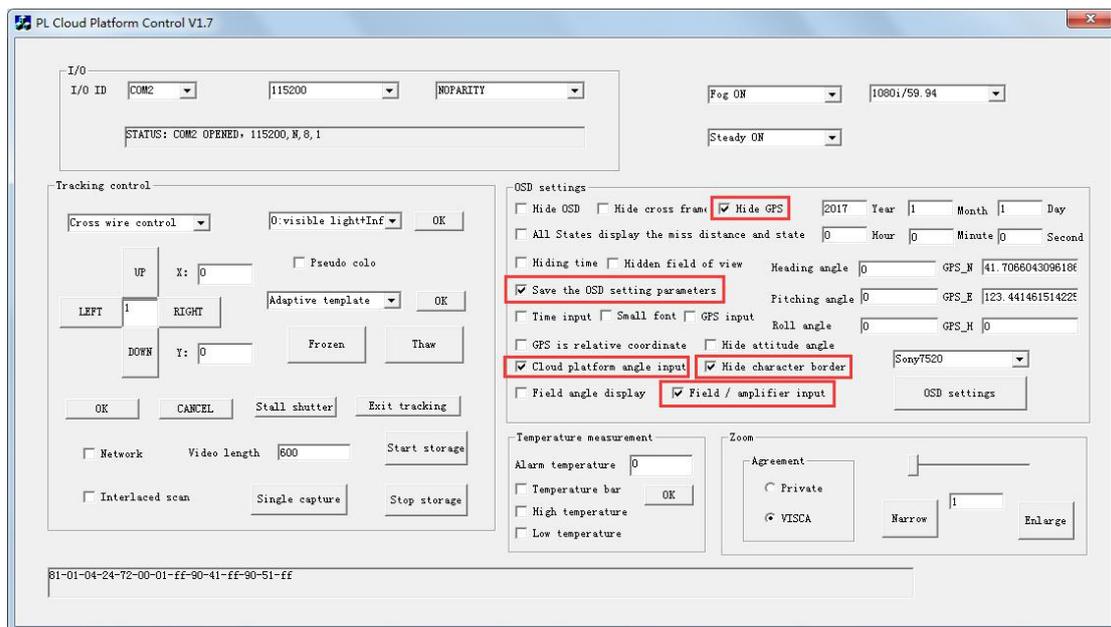
4) Select **SONY7520**

5) Click **OSD settings**

4. **According to step 4, select different option in 4.2) to have different HDMI output frame rate.**

Different frame rate options in 4. 2) and according HDMI output frame rates please refer to below table:
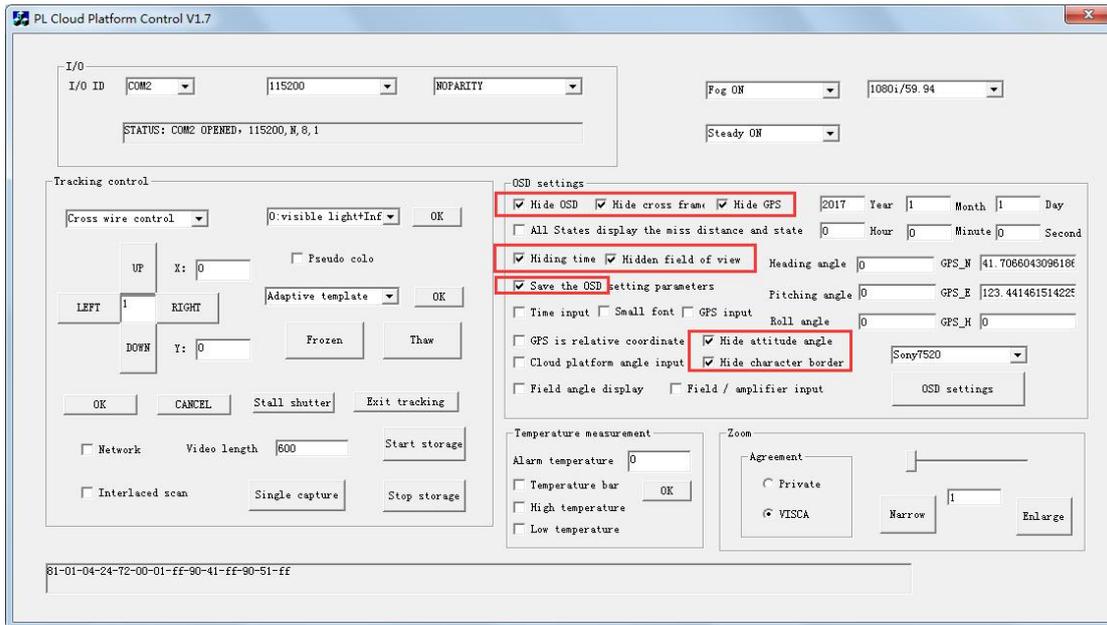
4.2)	HDMI output
1080i/59.94	1080p/30
1080i/60	1080p/25
1080p/30	1080p/60
1080p/25	1080p/50

5. OSD show or hide setting

1) Select the items that need to be displayed on the OSD, check **Save the OSD setting parameters**，and click OSD settings

2) Hide all OSD: Select the options below shown, and click OSD settings, OSD hided

Note: Each time power on the payload, check **Save the OSD setting parameters**, and click **OSD settings button**, you can only save the settings once. Clicking on the OSD settings again will not save one more time. To save new settings, you need to restart the payload.