

3D/Multi-View Product Manual

1 Function, This item has two functions.

1.1 Multi-View/Multi-Picture/Multi-Camera System(2D)

Up to 4 ways CVBS video signal, Merge 2/3/4 ways video input to one video input. Achieve PIP(Picture in Picture) function, and we can switch to different MV modes via buttons or radio receiver, moreover, we can switch to different cams' standalone image model via another radio receiver signal.

1.1.1 For the video output, It's standard CVBS signal, Can be connected to AV supported devices, Wireless transmitters and third party OSDs.

1.1.2 6 Multi-View modes, Please check the " Multi-View Schematic".

1.2 3D Video Output

The left and right two-way videos, through 3D video processing procedures, then we have one way true 3D video.

1.2.1 This item's 3D video output is standard CVBS signal, can be connected to display devices or wireless transmitters.

1.2.2 This item's 3D video format, Contains HSBS(Half Side By Side and SBS(Side By Side)(Cropping), Can be switched by button or radio receiver.

1.2.3 3D Cam, Please use FPVELITE 3D Cam, and it can be rebranded.

1.2.4 During FPV to watch this item's 3D video, We usually use Headset or Goggles, but some of them don't support 3D video input, Please use the Headset of Goggles which support HSBS or SBS 3D video.

Note: 3D/MV Function, Can be selected by Jumper Plug.。

2 Specification

Video input format: PAL、NTSC

Video output: One way standard CVBS video output,

Cams supported: 3D, 2 Cams; Multi-View, Up to 4 Cams.

Modes switch: Button on board or Radio Receiver

Output 3D video format: SBS (Cropping Side By Side)、HSBS (Half Side By Side)

Input power: 7-12V (2S、3S)。

Size: 52x40x12mm

3 FAQ

3.1 FAQ (Multi-View/Multi-Picture/Multi-Camera):

3.1.1 Multi-View Video output, which types TX supported?

Multi-View Supports all the wireless transmitter, include 5.8G, 2.4G and 1.2G

3.1.2 Multi-View Can be connected to OSD?

Yes, it can be connected to all the OSD available. For its standard CVBS.

3.2 FAQ (3D):

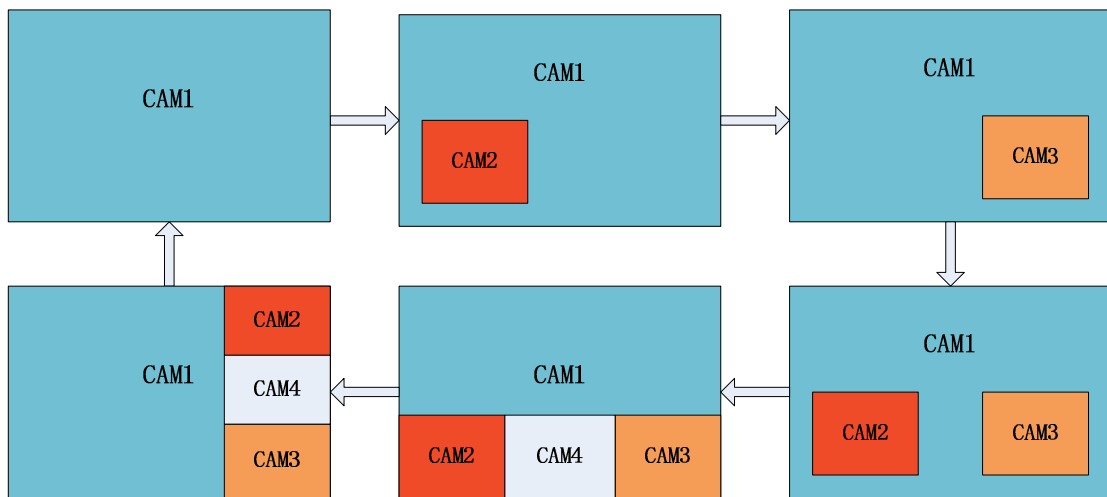
3.2.1 3D video transmit, Does it need 2 TXs?

It's one way real 3D video, One transmitter will do.

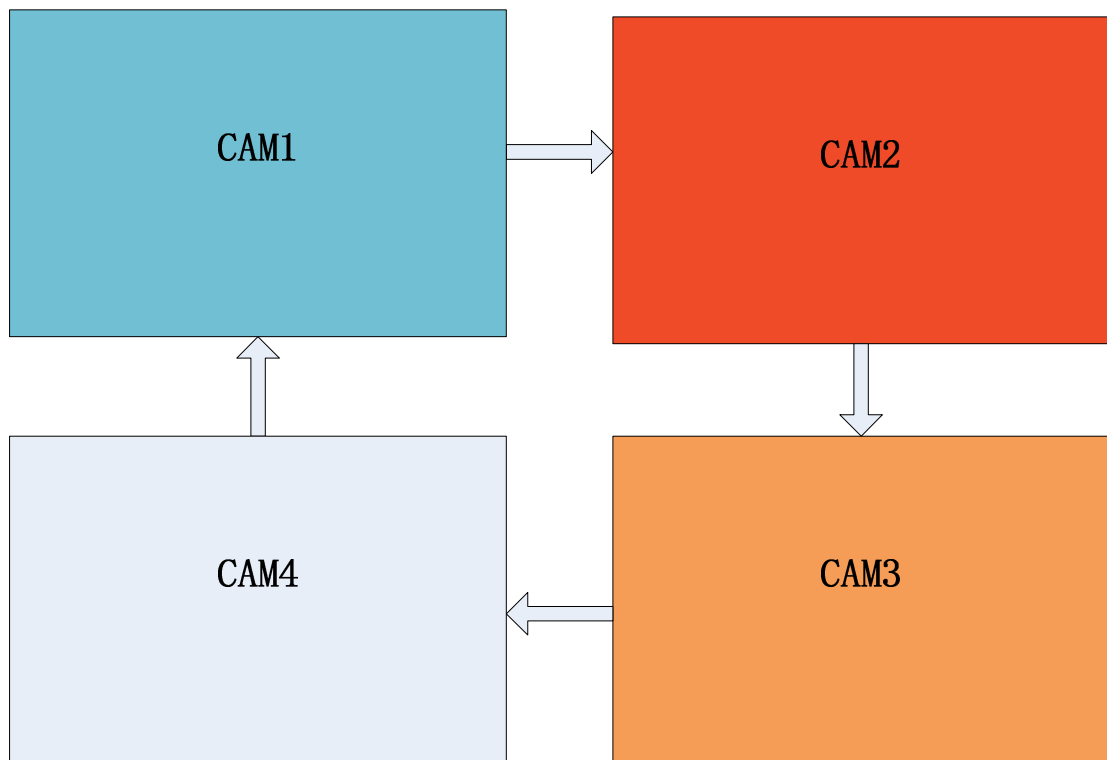
3.2.2 what Transmitters should I use for 3D video output?

This item's 3D video output is one way standard 3D video output, It supports all the transmitter, Includes 5.8G, 2.4G and 1.2G

4 Multi-View/Multi-Picture/Multi-CameraSystem (2D) Schematic



Multi-View Mode switch Schematic



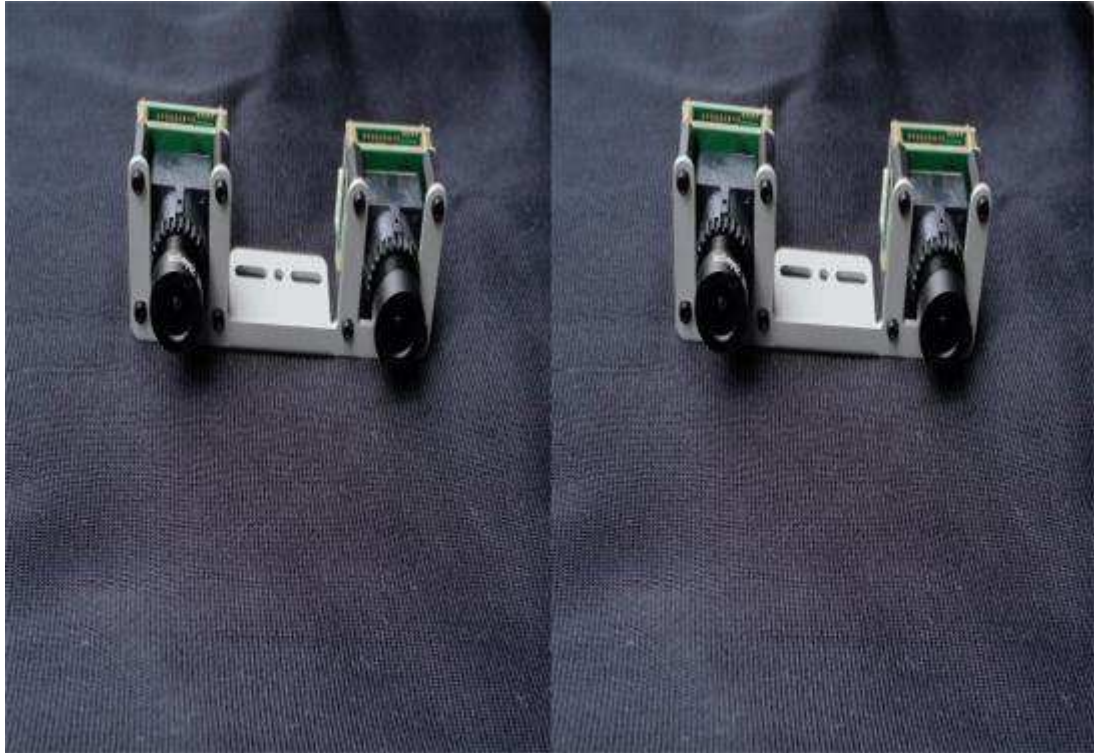
Single Cam Switch Schematic

5 3D View



Real Scene

After use 3D Camera ↓

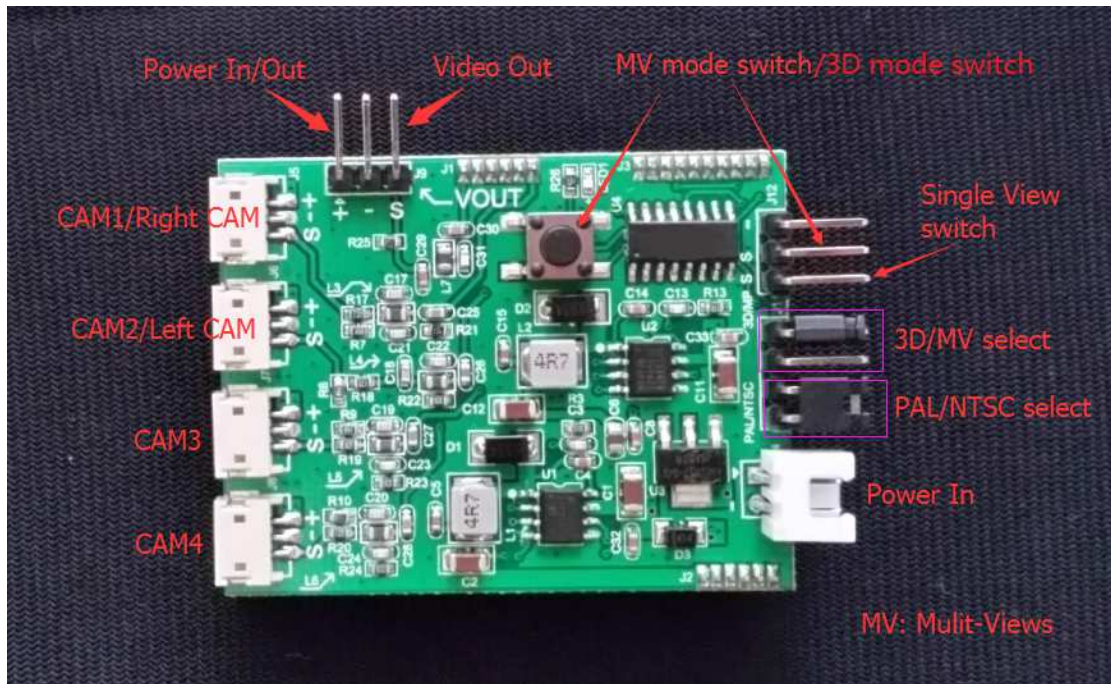


HSBS(Half Side By Side)



SBS(Cropping Side By Side)

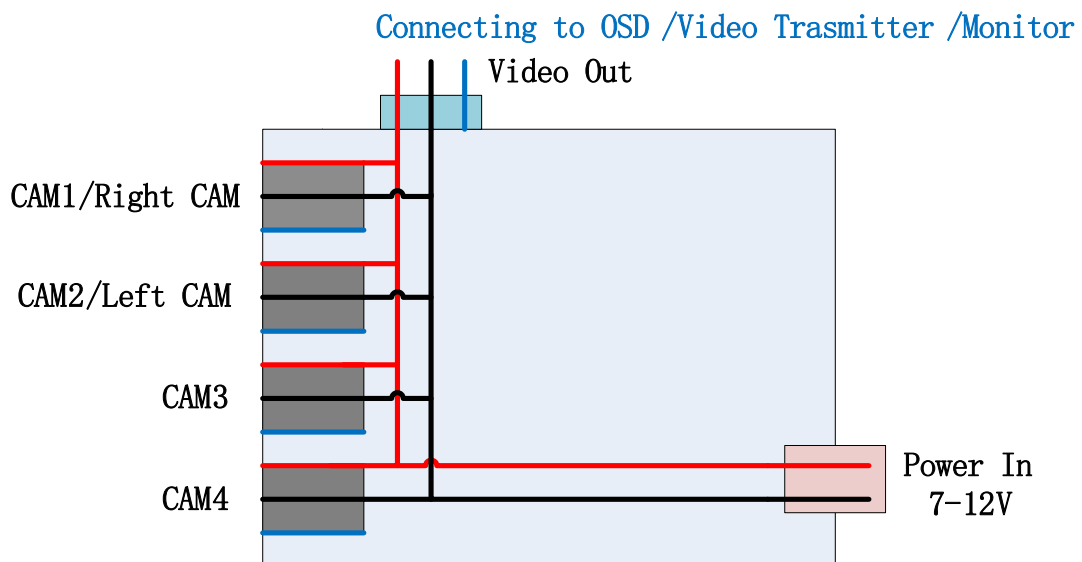
6 Product interface Description Figure:



6.1 3D/MV select: Jumper On--->Mult-Views Mode; Jumper off--->3D Mode

6.2 PAL/NTSC select: Jumper On--->PAL; Jumper Off--->NTSC

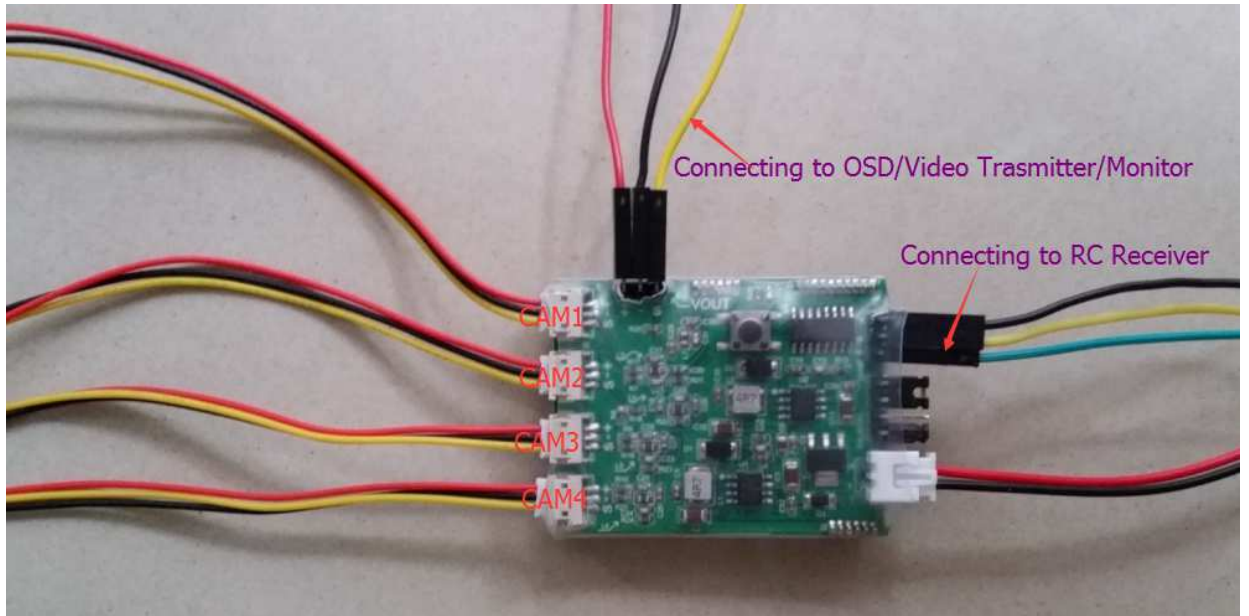
7 Power connector interface:



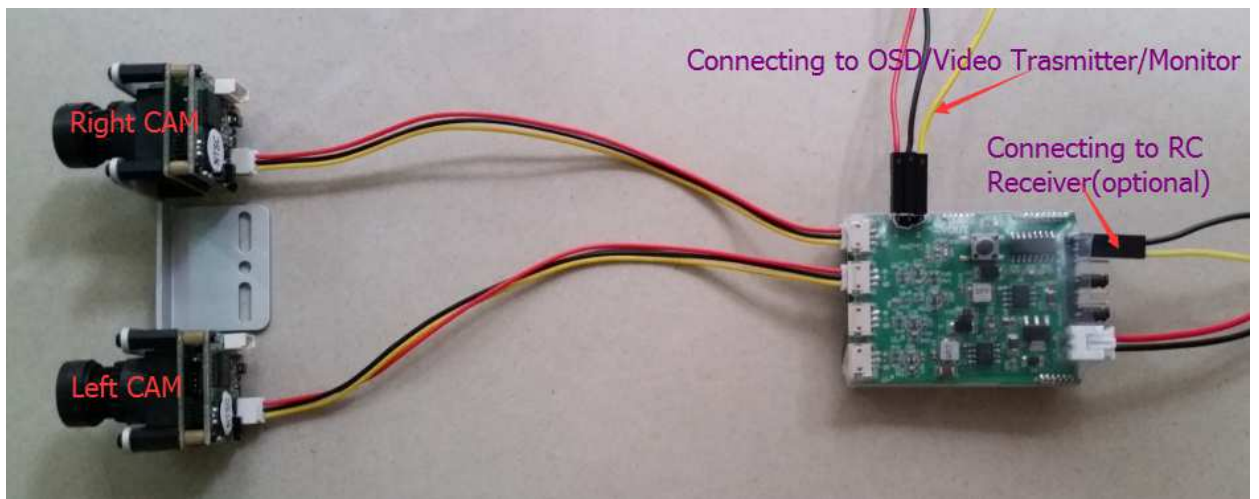
red line : Power 7-12V

black line : GND

8 Product Wiring Guide



Multi-View Mode Wiring Guide



3D Mode Wiring Guide