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# FullSpeed S2 AIO FPV Camera

## User Manual



### Main Features:

- All-in-one FPV video transmitter, super small volume and light weight
- Horizontal viewing angle: 150 degree FOV, squint angle: 170 degree DFOV
- 40 channels with Race band

### FPV Camera

Sensor: 1/4 inch CMOS

Lens: M8 800TVL

Format: NTSC / PAL ( switchable )

Power consumption: 380mA 3.7V

Power: 3.6 – 5.5V

Lens mirror diameter: 2.1mm IR coated FOV 150 degree ( horizontal )

### Video Transmitter

Support video format: NTSC / PAL

Output impedance: 75 ohm

Output signal strength: 23 – 24dBm

Output power: 25mW

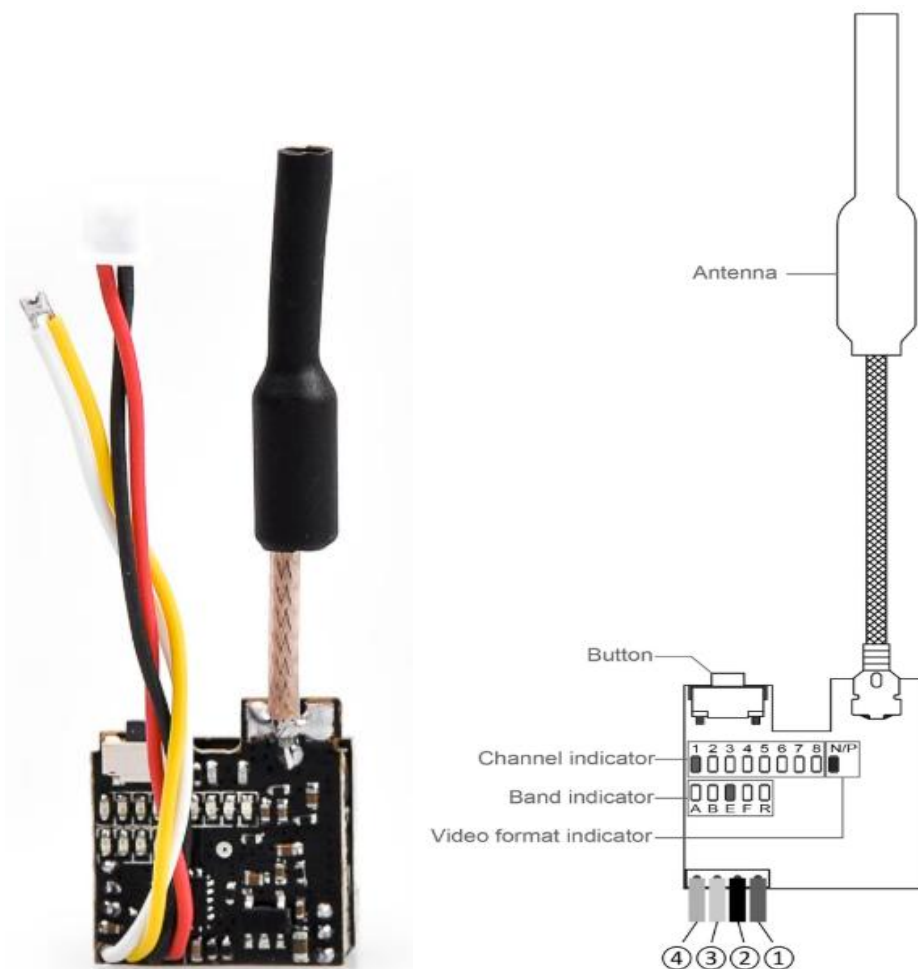
Wireless channel: 40CH

Antenna: RHCP circular polarization clover leaf antenna

Operating voltage: 3.6V – 5.5V

Current: 100mA

Audio carrier: 6.5MHz



- ①-red wire: Connect to power supply+
- ②-black wire: Connect to power supply-
- ③-yellow wire: Connect to Flight Controller video input pin
- ④-white wire: Connect to Flight Controller video output pin

Note:

1. Power supply 3.7-5V (just supports 1S battery).
2. This method is applicable to the flight controller with built-in OSD function.

#### Button function

Short press (Apr. 1 sec or less): Change channels 1-8

Long press (More than 1.5 sec): Change bands A-B-E-F-R

Long + press (More than 3 sec): Change NTSC/PAL system

NTSC or PAL (switchale; Blue LED on= NTSC; Blue LED off=PAL)

Weight: 3.6g

Size: 26x20x18mm (without antenna)