5.8G 25mW Video Transmitter 48CH

Main Features

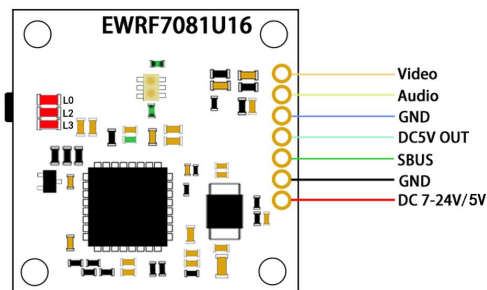- ☑ **Model: EWRF 7081U16**
- ☑ **Transmitting Power:25mW**
- ☑ **When the voltage is 12v, the current is 75mA**
- ☑ **Channel changes through S.BUS**
- ☑ **Antenna:Exclesive Dipole Whip**
- ☑ **Weight: 2.2g (Including antenna weight 0.7g)**

LED0
LED2
LED3

Specifications

Frequency	5.8G 48CH
Weight	2.2g (Including antenna weight 0.7g)
Dimension	Standard size:20x20mm Mounting holes:16x16mm
Power supply	DC7-24V/5V
Antenna	Exclusive Dipole Whip
Supply current(12v)	75MA

Motherboard sketch map

EWRF7081U16

L0
L2
L3

- Video
- Audio
- GND
- DC5V OUT
- SBUS
- GND
- DC 7-24V/5V

Channel power

48 channel power consistency is good

5362—5945MHz The transmitting power of the 48 channels is almost the same, reaching the standard completely

Frequency (Mhz)

Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865	5845	5825	5805	5785	5765	5745	5725
b	5733	5752	5771	5790	5809	5828	5847	5866
c	5705	5685	5665	5645	5885	5905	5925	5945
d	5740	5760	5780	5800	5820	5840	5860	5880
E	5658	5695	5732	5769	5806	5843	5880	5917
F	5362	5399	5436	5473	5510	5547	5584	5621

Band and channel setting

1. The first step: Press the button (1~2 seconds) to enter the setting mode, the module enters the channel number (1 ~ 8) setting. Short press the button to adjust "1~8" (LED2 flashes once, LED0 flashes the number represents the current set channel number.);
2. Step 2: Press and hold the key (1~2 seconds) to enter the channel group (A~F) setting, short press the button to adjust "A ~ F" (LED2 flashes twice, LED0 flashes the current setting Channel group.);
3. The third step: long press the button (1~2 seconds) to exit the setting mode, LED0 and LED2 remain lit.
   To observe the current channel settings, just re-power to view.
   Corresponding reference item:
   LED2: represents the channel type (channel number or channel group). Flashes once, representing the LED0 is the channel number (1~8), blinking twice on behalf of LED0 shows the channel group (A~F).
   LED0: LED0 flashes the number represents the channel number (1~8), or channel group (A~F).
   LED3: SBUS signal ON LED3 will be lit.