

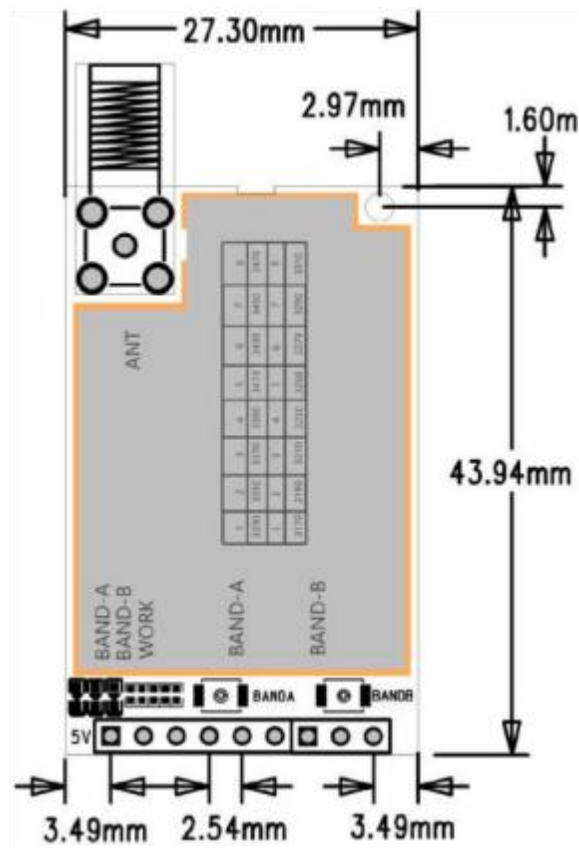
3.3GHz Analog Video Receiver VRX

User's Manual

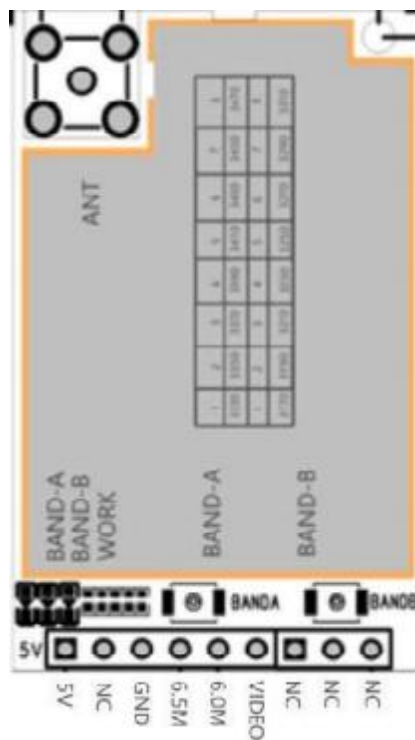
Model No. : R3340



1. Product Size



2. Key LED interface specification



No.	Item	Specification
LED Indicator Function Description		
1	BAND-A	Band A Frequency Indicator(Green Light)
2	BAND-B	Band B Frequency Indicator(Blue Light)
3	WORK	System Operating Light
Key Function Description		
1	BAND-A	Band A Frequency Switching Key
2	BAND-B	Band B Frequency Switching Key
Description of Interface Definition Functions		
1	5V	5V Input (4.2-6V)
2	NC	Non Function
3	GND	Ground Connection
4	6.5M	The reservation function is not open.
5	6.0M	The reservation function is not open.
6	VIDEO	Video Output (1Vp-p)
7	NC	Non Function
8	NC	Non Function
9	NC	Non Function

3. Key controls and LED indicators define the band

1) A Band keying definition

- ① BAND-A Press the key once, frequency is 3330MHz, green light blinks once.
- ② BAND-A Press the key twice, frequency is 3350Mhz, green light blinks twice.
- ③ BAND-A Press the key 3 times, frequency is 3370Mhz, green light blinks 3 times.
- ④ BAND-A Press the key 4 times, frequency is 3390Mhz, green light blinks 4 times.
- ⑤ BAND-A Press the key 5 times, frequency is 3410Mhz, green light blinks 5 times.
- ⑥ BAND-A Press the key 6 times, frequency is 3430Mhz, green light blinks 6 times.
- ⑦ BAND-A Press the key 7 times, frequency is 3450Mhz, green light blinks 7 times.
- ⑧ BAND-A Press the key 8 times, frequency is 3470Mhz, green light blinks 8 times.

2) B Band keying definition

- ① BAND-B Press the key once, frequency is 3170MHz, blue light blinks once.
- ② BAND-B Press the key twice, frequency is 3190Mhz, blue light blinks twice.
- ③ BAND-B Press the key 3 times, frequency is 3210Mhz, blue light blinks 3 times.
- ④ BAND-B Press the key 4 times, frequency is 3230Mhz, blue light blinks 4 times.
- ⑤ BAND-B Press the key 5 times, frequency is 3250Mhz, blue light blinks 5 times.
- ⑥ BAND-B Press the key 6 times, frequency is 3270Mhz, blue light blinks 6 times.
- ⑦ BAND-B Press the key 7 times, frequency is 3290Mhz, blue light blinks 7 times.
- ⑧ BAND-B Press the key 8 times, frequency is 3310Mhz, blue light blinks 8 times.

4. LED and key frequency corresponding table

Channel LED/FREQ	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
GREEN	FLASH 1	FLASH 2	FLASH 3	FLASH 4	FLASH 5	FLASH 6	FLASH 7	FLASH 8
BANDA-FREQ MHz	3330	3350	3370	3390	3410	3430	3450	3470
BLUE	FLASH 1	FLASH 2	FLASH 3	FLASH 4	FLASH 5	FLASH 6	FLASH 7	FLASH 8
BANDB-FREQ MHz	3170	3190	3210	3230	3250	3270	3290	3310

5. Receiver Parameter

Specs	Min	Median	Max	Note (Testing Condition)
Receive Frequency	3170MHz	3330MHz	3470MHz	Default 3330MHz
Input Resistance	50Ω			Antenna port impedance
Operation Voltage	4.2V	5V	6V	
Operating Current	0.45A			Power 5V data
Receive Sensitivity		-95dBm		CW Signal (E5071C source)
IF-FRE	480M			
Video Amplitude	0.8Vp-p	1Vp-p	1.2Vp-p	
Max Input	0dBm			Max input power
Operating Temperature	-30°C	25°C	85°C	
Operating Humidity	10%	50%	95%	
Storage Temperature	-40°C	25°C	90°C	Storage Temperature