

## 6G7Hz VRX Image Transmission Receiver

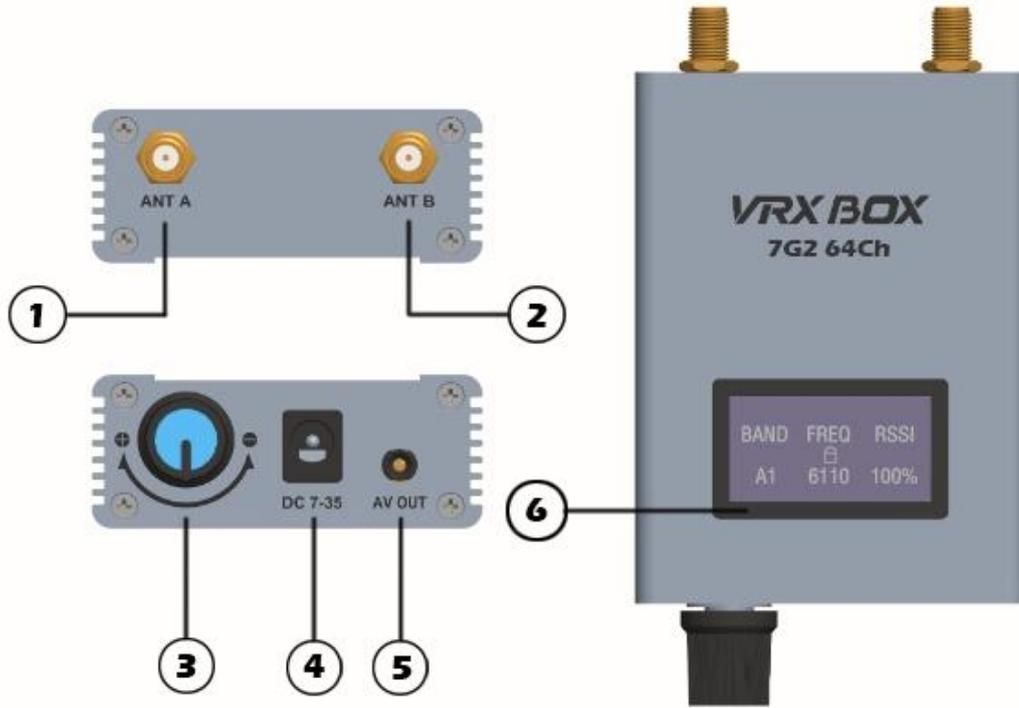
# User's Manual

**Model: 6G7-VRX-BOX**

### I. Product Appearance:

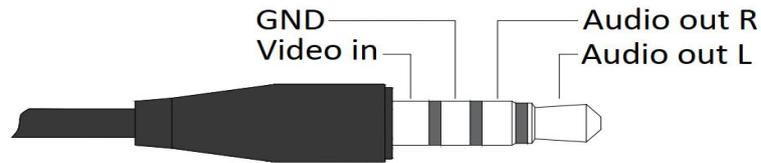


## II. Interface Description:



order number	explain	function	
1	RX ANT A	Receiver antenna port A (SMA-F) impedance 50Ω	
2	RX ANT B	Receiver antenna port B (SMA-F) impedance 50Ω	
3	ENC SW	The encoding switch can be rotated left and right to adjust the frequency point. (Short press to switch the frequency band; long press for 3 seconds to lock the screen, then press for 3 seconds to unlock)	
4	DC IN	DC 7-35V input, maximum not recommended to exceed 36V.	
5	AV OUT	Video output, amplitude of 1Vp-p	
6	OLED	BAND	Working frequency band
		FREQ	Working frequency (MHz)
		RSSI	Receiver signal strength indicator
			Screen lock icon

AV output definition:



### III. List of Working Channels of Receiver:

Frequency Table								
Channel Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
BAND A	6110	6130	6150	6170	6190	6210	6230	6250
BAND B	6270	6290	6310	6330	6350	6370	6390	6410
BAND E	6430	6450	6470	6490	6510	6530	6550	6570
BAND F	6590	6610	6630	6650	6670	6690	6710	6730
BAND R	6750	6770	6790	6810	6830	6850	6870	6890
BAND P	6910	6930	6950	6970	6990	7010	7030	7050
BAND H	7070	7090	7110	7130	7150	7170	7190	7210
BAND U	6115	6265	6425	6585	6745	6905	7065	7185

### IV. Receiver Parameters:

name	least value	median	crest value	Remarks (test conditions)
receive frequency	6110MHz	6650MHz	7210MHz	
input impedance	50 Ω			Antenna port impedance
working voltage	DC 7~ 35V			
working current	0.18A			Power supply 12V data
receiving sensitivity	-95dBm±2			

Video duration	1Vp-p			
maximum input	10dBm			Maximum input power
Product weight	120g			
product size	83*61*25mm			
working temperature	-20°C	25°C	75°C	
Humidity at work	10%	50%	95%	
Storage environment	-40°C	25°C	90°C	Storage temperature

## **V. Accessories:**

**1 Antenna\* 2;**

**2. XT60 to DC 3.5mm Power Cord \*1;**

**33.5mm Double Head AV Line \*1;**

**43.5mm Rotary Ball Head AV Cable \*1**