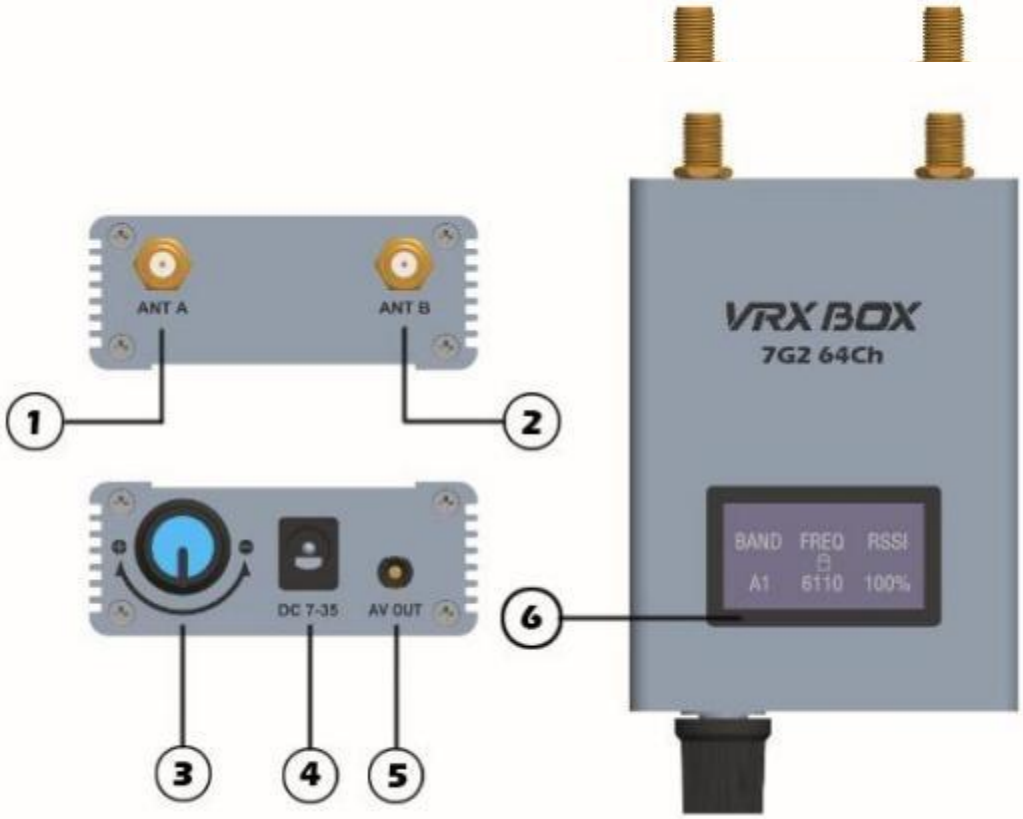
7.2GHz VRX Receiver Box

Manual

I. Appearance

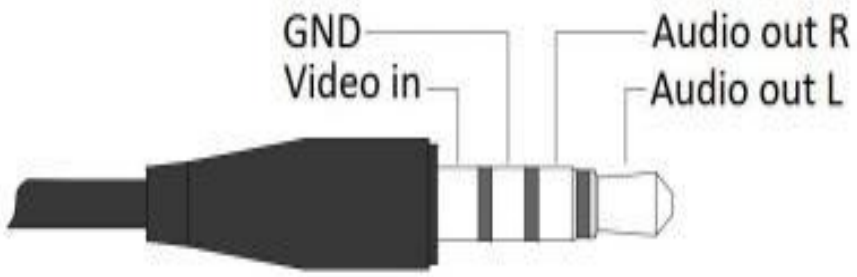


II. Interface description



No.	Item		Function
1	RX ANT A		Receive antenna A port (SMA-F)　Impedance 50Ω
2	RX ANT B		Receive antenna B port (SMA-F)　Impedance 50Ω
3	ENC SW		Encoding switch, rotate left and right to adjust the frequency point. (Press briefly to switch frequency bands; press and hold for 3 seconds to lock the screen, then press again for 3 seconds to unlock.)
4	DC IN		DC 7-35V input, Max≤36V.
5	AV OUT		Video output, amplitude 1Vp-p
6	OLED	BAND	Operating frequency band
		FREQ	Operating frequency（MHz）
		RSSI	Received Signal Strength Indication
			Screen lock icon

AV Output Definition:



III. Receiver Operating Channel Table

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

Item	Min.	Median	Max.	Test Conditions
Freq	6110MHz	6650MHz	7210MHz	
Input Impedance	50Ω			Antenna port impedance
Operating Voltage	DC 7~35V			
Operating Current	0.18A			Power supply 12V Data
Receiver Sensitivity	-95dBm±2			
Video Amplitude	1Vp-p			
Max. Input	10dBm			Max. Input Wattage
Weight	120g			
Dimension	83*61*25mm			
Operating Temperature	-20℃	25℃	75℃	
Operating Humidity	10%	50%	95%	
Storage Environment	-40℃	25℃	90℃	Storage Temperature

V. Packing Detail

1. Antenna * 2;

2. XT60 to DC 3.5mm power cable * 1;

3. 3.5mm dual-head AV cable * 1;

4. 3.5mm to RCA AV cable * 1