

6GHz-7GHz VIDEO RX

Specification

DESCRIPTION: VRX



1 Flash Light:

	Channel (Red LED)	Band (Blue LED)
Flash Light	CH1-7 Flash 1-7 times CH8 Always on	Band A Flash 1 time Band B Flash 2 times Band C Flash 3 time Band D Flash 4 times Band F Flash 5 times

2 Key operation

(1) Press and hold for 2 seconds to change the frequency band, and after 4 seconds without any operation, exit. The LED displays the current channel and frequency band.

(2) Short press once to switch CH1-8 and cycle through channels.

3 Frequency Table (64CH)

Unit: MHz

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

4 Electrical Characteristics

DC Characteristics	
POWER SUPPLY	+7-28V
Current Consumption	150mA @12V, Max
Environmental Specification	
Operating Temperature	-10~+65 °C
Storing Temperature	-30~+85 °C
Operating humidity	85%RH
RF	

Receiving frequency range	6178 ~ 7007MHz
Voltage Standing Wave Ratio	2:1
Demodulation system	FM/PLL
IF	480MHz
ANT. input impedance	50Ω, Typ.
LO Frequency stabilization	±100kHz
LO Frequency Precision	±100kHz
LO Control	PLL
Input LO Leak	-55dBm
Receiving Sensitivity	-96dBm
Input Level Range	-96 dBm ~+5 dBm
Video Characteristics	
Video Output impedance	75Ω, Typ.
Video Output Level	1V _{p-p} , Typ.
Video Polarity	NEGATIVE
Video Frequency Response	±5 dB, Max. 50Hz ~ 6MHz
Differential Gain	±5 %, Max
Differential Phase	±5 Deg., Max
3Db IF WIDEBAND	16.5MHz
S/N	38dB, Min
Size	78.0 * 42.0 * 14.5mm
Wegiht	41g

5 SMA antenna connector, impedance: 50Ω

6 Interface Definition



1	2.5mm 4 channel audio and video plug
2	Power Input 2S -6S