

KEY FEATURES

- Channel Customer: 24CH
- Channel Frequency:
 - A [5725/5745/5765/5785/5805/5825/5845/5865](MHz)
 - B [5733/5752/5771/5790/5809/5828/5847/5866](MHz)
 - C [5645/5665/5685/5705/5885/5905/5925/5945](MHz)
- Modulation Type: FM
- Operating Temperature: -10°C~+60°C
- Dimension: L22 X W19 mm



APPLICATIONS

- FPV Drone Racing
- UAV Communication Systems
- Remote Vehicle Monitoring
- Wireless Video Transmission Systems

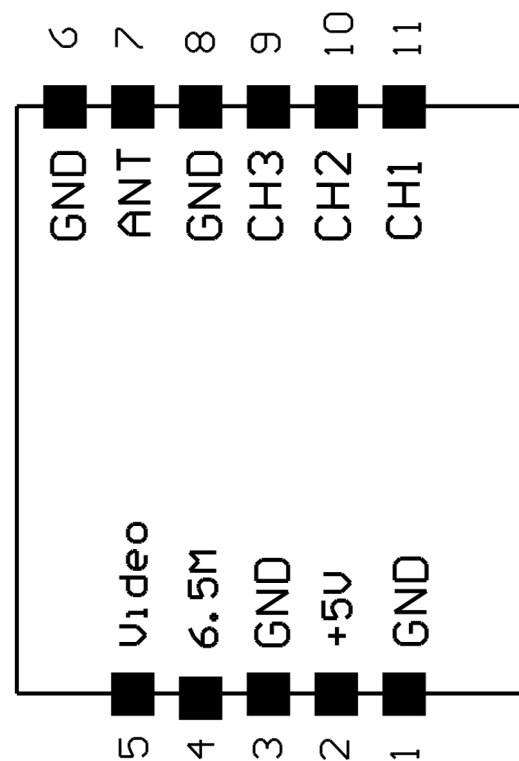
Electrical Characteristics

No.	Item	Specifications			Unit	Test Condition
		Min.	Typ.	Max.		
DC Characteristics						
1	Supply Voltage	3.3	5V	5.5	Vdc	
2	Current Consumption		110	120	mA	
Video Characteristics						
3	Input Impedance		75		Ω	
4	Peak Deviation		1.2		MHz	MOD: (sine wave) 400KHz 1Vp-p



No.	Item	Specifications			Unit	Test Condition
		Min.	Typ.	Max.		
Audio Characteristics						
5	Input Impedance		10		KΩ	
6	Peak Deviation		12		KHz	1Vp-p (1KHz)
7	Pre-emphasis		50		μsec	
Output Characteristic						
8	Tx Power	12	13	14	dBm	
9	Audio subcarrier Level	-26	-28	-30	dBc	AV
10	Audio Subcarrier Freq. NCY	6470	6500	6530	KHz	

Pin No.	Function
1	GND
2	+3.3V~+5V IN
3	GND
4	AL (Audio)
5	Video
6	GND
7	ANT
8	GND
9	CH3: Refer to Table1
10	CH2: Refer to Table1
11	CH1: Refer to Table1



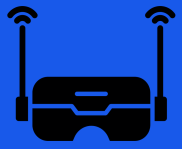


Table 1

Channel	P9 (CH3)	P10 (CH2)	P11 (CH1)	S	BX
FREQUENCY GROUP1: S=L BX=L					
CH1: 5865MHz	0	0	0	0	0
CH2: 5845MHz	0	0	1	0	0
CH3: 5825MHz	0	1	0	0	0
CH4: 5805MHz	0	1	1	0	0
CH5: 5785MHz	1	0	0	0	0
CH6: 5765MHz	1	0	1	0	0
CH7: 5545MHz	1	1	0	0	0
CH8: 5725MHz	1	1	1	0	0
FREQUENCY GROUP2: S=H BX=L					
CH1: 5733MHz	0	0	0	1	0
CH2: 5752MHz	0	0	1	1	0
CH3: 5771MHz	0	1	0	1	0
CH4: 5790MHz	0	1	1	1	0
CH5: 5809MHz	1	0	0	1	0
CH6: 5828MHz	1	0	1	1	0
CH7: 5847MHz	1	1	0	1	0
CH8: 5866MHz	1	1	1	1	0
FREQUENCY GROUP3: S=X BX=H					
CH1: 5705MHz	0	0	0	X	1
CH2: 5685MHz	0	0	1	X	1
CH3: 5665MHz	0	1	0	X	1
CH4: 5645MHz	0	1	1	X	1
CH5: 5885MHz	1	0	0	X	1
CH6: 5905MHz	1	0	1	X	1
CH7: 5925MHz	1	1	0	X	1
CH8: 5945MHz	1	1	1	X	1

