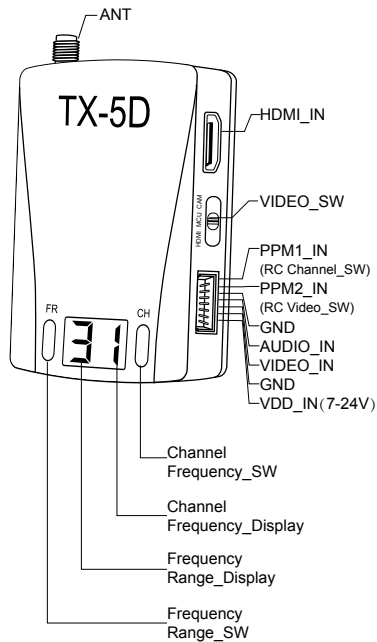
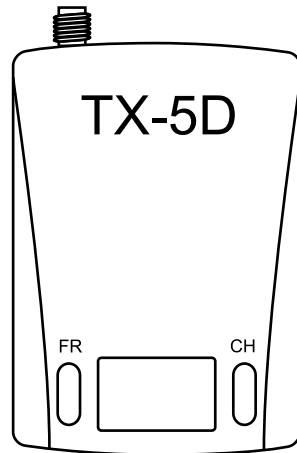
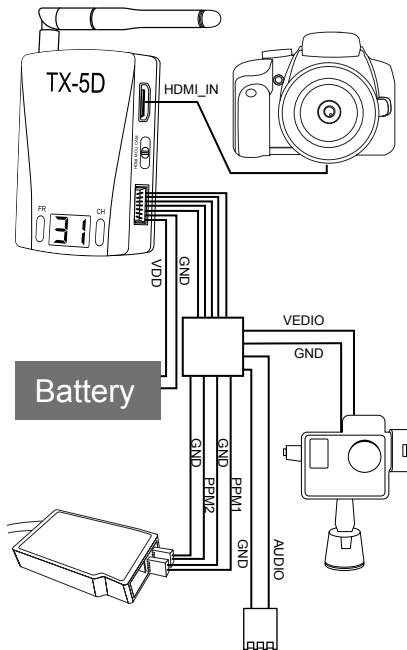


## Pin Descriptions



## Application Examples



# TX-5D

HDMI to AV Transmitter

# PRODUCT SPECIFICATION

MODE: TX-5D					
5.8G 600mW 32 Channel HDMI to AV Transmitter Module					
	Modulate		Wideband FM Modulate		
	Video Format		NTSC/PAL		
	Characteristics		Value		
			Min.	Typ.	Max.
1	Output Impedance		---	50	Ohm
2	Output Power		26.5	27.5	28 dBm
3	Frequency range	Channel Frequency			
	FR1 or (A)	CH1	---	5865	---
		CH2	---	5845	---
		CH3	---	5825	---
		CH4	---	5805	---
		CH5	---	5785	---
		CH6	---	5765	---
		CH7	---	5745	---
		CH8	---	5725	---
	FR2 or (B)	CH1	---	5733	---
		CH2	---	5752	---
		CH3	---	5771	---
		CH4	---	5790	---
		CH5	---	5809	---
		CH6	---	5828	---
		CH7	---	5847	---
		CH8	---	5866	---

3	FR3 or (E)	CH1	---	5707	---	MHz
		CH2	---	5685	---	MHz
		CH3	---	5665	---	MHz
		CH4	---	5645	---	MHz
		CH5	---	5885	---	MHz
		CH6	---	5905	---	MHz
		CH7	---	5925	---	MHz
		CH8	---	5945	---	MHz
	FR4 or (F)	CH1	---	5740	---	MHz
		CH2	---	5760	---	MHz
		CH3	---	5780	---	MHz
		CH4	---	5800	---	MHz
		CH5	---	5820	---	MHz
		CH6	---	5840	---	MHz
		CH7	---	5860	---	MHz
		CH8	---	5880	---	MHz
4	Operating Voltage		7.0	12	24	V
5	Supply current		---	250	---	mA
6	Operating Temperature		-10	---	+85	°C
7	Video Band Width		0	---	8.0	MHz
8	Audio carrier Frequency		---	6.5	---	MHz
9	Video Input Level		0.8	1.0	1.2	Vp-p
10	Video Input Impedance		---	75	---	Ohm
11	HDMI Input		720 x 576			px
720 x 480						
12	Audio Input Level		0.5	---	2.0	Vp-p
13	Audio Input Impedance		---	10K	---	Ohm
14	Weight		---	28	---	g
15	Antenna Connector		RPSMA Connector			
16	Dimensions (L x W x H)		54x32x26.5mm			

FR	CH	CH			
		CH1	CH2	CH3	CH4
FR	FR1	5865M	5845M	5825M	5805M
	FR2	5733M	5752M	5771M	5790M
	FR3	5705M	5685M	5665M	5645M
	FR4	5740M	5760M	5780M	5800M

FR	CH	CH			
		CH5	CH6	CH7	CH8
FR	FR1	5785M	5765M	5745M	5725M
	FR2	5809M	5828M	5847M	5866M
	FR3	5885M	5905M	5925M	5945M
	FR4	5820M	5840M	5860M	5880M

## Application examples:

1. When video input switch turns to HDMI, the gear is in HDMI input function. Can connect HDMI output device, and turn the HDMI signal into CVBS before sending.
2. When video input switch turns to CAM, the gear is in CVBS input function. Can send the output CVBS signal from camera directly.
3. When gear is connected with aircraft remote control by PPM line, it can switch channel in the air.
4. When work with RC800, you can connect RC800 with remote control to achieve channel sync adjustment.

Note: functions 3-4 can work on futaba remote control.



**Warning: please install the antenna of transmitter before power on.**