

FT911

5.8G 48CH With OSD Adjustable FPV Race VTX Raceband

1. Specification:

1	Transmitting Frequency:	ISM 5.35GHz-5.95GHz 48 CH
2	Operating Voltage :	+6.5V~+25.0V
3	Supply current :	250mA±20mA @+12V @600mW
4	Video Input Level:	1V±0.2Vp-p/75 Ω
5	Audio Input Level:	0.5~2.0Vp-p/10K Ω
6	OSD TV System:	PAL
7	Audio Carrier Frequency:	6.5MHz
8	RF Output Power:	0mW 25mW(14dBm±0.5dBm) 200mW(23dBm±0.5dBm) 600mW(28dBm±0.5dBm)
9	Antenna Connector:	SMA Connector
10	Weight:	10g
11	Dimensions (L x W x H):	36x43.5x6mm
12	Operating Temperature:	-10℃~+85 ℃

2. Features:

- 2 48 Channel, with Raceband;
- 2 RF power can be adjusted: 0/25/200/600mW RF Power output ;
- 2 With OSD;
- 2 Large input voltage range ;
- 2 Not affect by 2.4GHz R/C Radios ;
- 2 Integrally molded case, Mini size, Power indicator, easy to carry ;
- 2 LED display channel; LED display RF Power;
- 2 Key mode control channel、group and RF Power Adjusted;
- 2 5V output with 300mA automatic recovery fuse and LC filter ;
- 2 Size: 36*43.5*6mm ;
- 2 With 4 mounthing holes。

3. Operation:

Band 、 Channel and RF Power Selection

- ² Short press the key to changing Channel : 1、 2、 3、 4、 5、 6、 7、 8;
- ² Press & Hold the key for 2 seconds to change band : A、 B、 C、 D、 E、 F;
- ² Press & Hold the key for 5 seconds to change RF Power:
0 mW、 25mW、 200mW、 600Mw.

4. Diagram

① Channel、 Band and RF Power Select button

- 1: Short Press: Switch Frequencyf
- 2: Press & Hold for 2 Sec: Switch Frequency Band
- 3: Press & Hold for 5 Sec: Switch Power

② Microphone connector

③ Antenna connector

④ LED: Displays the channel and the band

⑤ OSD connector

⑥ USB: OSD Upgrade

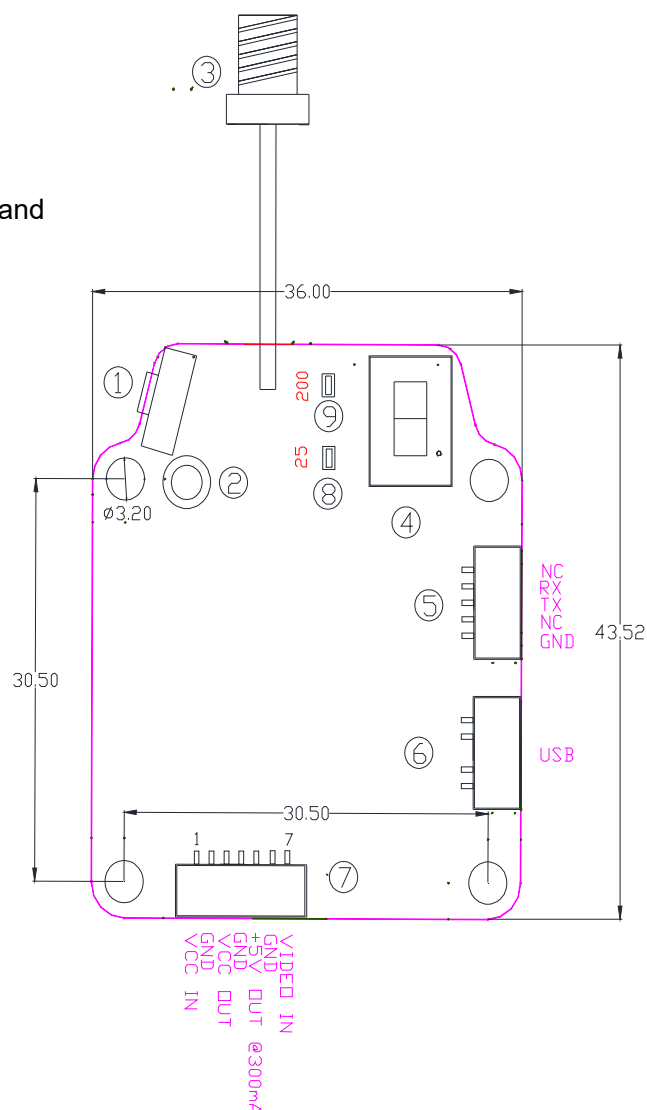
⑦ 7PIN Cable:

- 1: Red: VCC IN(+6.5V~+25V)
- 2: Black: GND
- 3: Orange: VCC OUT(+6.5V~+25V)
- 4: Black: GND
- 5: +5V OUT(MAX:300mA)
- 6: Black: GND
- 7: Yellow: Video In

⑧ Blue LED : RF Power 25mW (Factory default)

⑨ Red LED : RF Power 200mW

Not: Blue LED and red LED are bright: 600mW.
Blue LED and red LED are *not* bright: 0mW.



5. Operating Frequency Table

Band \ CH	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8
A(A)	5865MHz	5845MHz	5825MHz	5805MHz	5785MHz	5765MHz	5745MHz	5725MHz
b(B)	5733MHz	5752MHz	5771MHz	5790MHz	5809MHz	5828MHz	5847MHz	5866MHz
C(E)	5705MHz	5685MHz	5665MHz	5645MHz	5885MHz	5905MHz	5925MHz	5945MHz
d(FS/IRC)	5740MHz	5760MHz	5780MHz	5800MHz	5820MHz	5840MHz	5860MHz	5880MHz
E(Race Band)	5658MHz	5695MHz	5732MHz	5769MHz	5806MHz	5843MHz	5880MHz	5917MHz
F	5362MHz	5399MHz	5436MHz	5473MHz	5510MHz	5547MHz	5584MHz	5621MHz

6. OSD Parameter

- ² Default Program: WM_OSD 1.6
- ² Default format: PAL

7. CAUTION

- ² When use USB connect OSD, some part of the VTX will not work.
- ² Before connect OSD, please install CP210X first.
- ² Before use WM_OSD 1.6, please install JAVA first.

NOTE: This VTX (short for Video Transmitter) must be installed by professionals, adopt proper ESD prevention measures, such as anti-static gloves and pads.