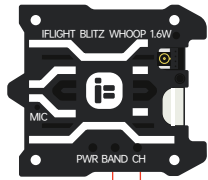
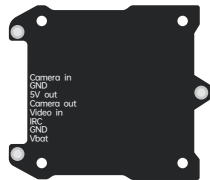


# B013728 -BLITZ WHOOP 1.6W VTX Instructions



Power Button

Band and Channel Button

## LED Indicator and Function Button

- Power Button**
- Press and hold for 2s: Enter or exit PIT mode, solid green light indicates entering PIT mode
  - Short press: Green light (output power):The number of LED flashing indicate the VTX output power. 1 flash=25mW, 2 flashes=100mW, 3 flashes=200mW. Short press to change output power.
- Band and Channel Button**
- Press and hold for 2s: Blue(BAND):The number of LED flashing indicate the BAND A-R. Press and hold for 2s to switch Band.
  - Short press: Red(CH):The number of LED flashing indicate the channel 1 to 8. Short press to switch Channel.

## Frequency Table

Note:Antennas must be installed BEFORE powering on. The VTX can be damaged when using without proper cooling.

BAND	CH							
	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865MHz	5845MHz	5825MHz	5805MHz	5785MHz	5765MHz	5745MHz	5725MHz
B	5733MHz	5752MHz	5771MHz	5790MHz	5809MHz	5828MHz	5847MHz	5866MHz
E	5705MHz	5685MHz	5665MHz	5645MHz	5885MHz	5905MHz	5925MHz	5945MHz
F	5740MHz	5760MHz	5780MHz	5800MHz	5820MHz	5840MHz	5860MHz	5880MHz
R	5658MHz	5695MHz	5732MHz	5769MHz	5806MHz	5843MHz	5880MHz	5917MHz

## 1.Specs:

Power Levels: 25mW/400mW/800mW/1600mW  
 Mounting Pattern: 25\*25mm/φ2mm  
 Antenna Interface: IPEX  
 Input Interface: SH1.0 8P With Lock Catch  
 VTX Telemetry: IRC Tramp  
 Weight: 16.5g (±1g)

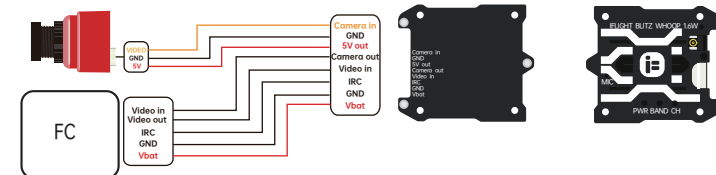
## 2.Ports:

Camera in: Camera video Input  
 GND: Negative  
 5v out: 5v Voltage Output  
 Camera out: Camera video output  
 Video in: Video Signal Input  
 IRC: IRC Tramp Signal Input  
 GND: Negative  
 VBAT: 2-8S, 7-34V DC Positive Input

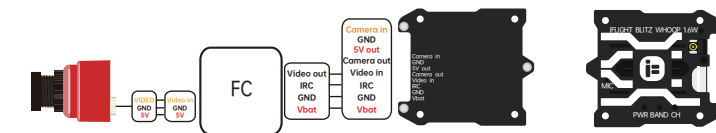
## 3.Attention:

- Please read the instructions for proper wiring before use.
- It is recommended that before switching on the power, make sure that the antenna has been installed, it can extend the life of the module.
- It is recommended to ensure the correct voltage range and the correct positive and negative polarity before switching on the power to avoid burning the components.
- Please keep enough space when you install the VTX to ensure air convection around the module for heat dissipation. Otherwise, the module will enable overheat protection and the power transmission will be reduced or even switched off.

## Connect VTX to FC(Camera to VTX)



## Connect VTX to FC(Camera to FC)



Enable the corresponding VTX IRC Tramp on UART port

Identifier	Configuration/IRP	Serial ID	Telemetry Output	Serial Input	Parameters
USB VCP	115200		Disabled	AUTO	Disabled
UART1	115200		Disabled	AUTO	VTX IRC Tramp
UART2	115200		Disabled	AUTO	Disabled
UART3	115200		Disabled	AUTO	Disabled
UART4	115200		Disabled	AUTO	GPS
UART5	115200		Disabled	AUTO	Disabled
UART6	115200		Disabled	AUTO	Disabled

## Camera to VTX without FC

