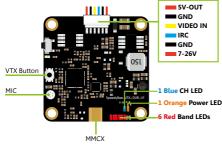




Instruction diagram



Frequency Setup
The factory default setting is in lock mode with red LED blinking and
only 25mW is available. You can switch to unlock mode by long pressing
the button for 10 seconds with the red LED constantly on. Note:

Before you get VTX unlocked, it is highly recommended to know about the rules and regulations in your country about the frequency to avoid a fine or confiscation of your device.

Button Function Switching
· Short press to CH;

Long press to CH;
Long press 2 seconds to BAND;
Long press 5 seconds to POWER;
Long press 10 seconds to

- Unlock/Lock Mode.
- LED Status 1 Blue CH LED CH1 ON, CH2~8 OFF;

6 Red Band LEDs

Represents respectively 1~6 Band Red LED blinks—Lock Mode

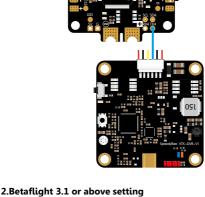
Red LED constantly on—Unlock Mode

1 Orange Power LED
Orange LED blinks quickly—PIT Mode
Orange LED off—25mW
Orange LED blinks slowly—200mW
Orange LED constantly on—600mW

Frequency Table

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 Channel

1 BosCam A 5865 5845 5825 5805 5785 5765 2 BosCam B 5733 5752 5771 5790 5809 5828 5847 5866 5705 5685 5665 5645 5885 5905 5925 3 BosCam E 5780 5740 5760 5800 5820 5840 5880 4 FatShark 5860 5 Race Band 5658 5695 5732 5769 5806 5843 5880 5917 6 Low Race 5362 5399 5436 5473 5510 5547 5584 5621 I IART4 for ex 1. Flight controller wiring (Ta



Identifier Configuration/MS Serial Rx Telemetry Output Sensor Input

USBVCP	115200 \$		Disabled ‡ AUTO ‡	Disabled \$ AUTO \$	Disabled	\$ AUTO \$		
UART1	115200 ‡		Disabled \$ AUTO \$	Disabled \$ AUTO \$	Disabled	\$ AUTO \$		
UART2	115200 \$		Disabled \$ AUTO \$	Disabled \$ AUTO \$	Disabled	\$ AUTO \$		
UART3	115200 \$		Disabled \$ AUTO \$	Disabled \$ AUTO \$	Disabled	\$ AUTO \$		
UART4	115200 \$		Disabled \$ AUTO \$	Disabled \$ AUTO \$	IRC Tramp	\$ AUTO \$		
UART5	115200 \$		Disabled \$ AUTO \$	Disabled \$ AUTO \$	Disabled	\$ AUTO \$		
* If you connect VTX to Flight Controller (BetaFlight 3.3 or above) IRC Tramp protocol, the VTX will be controlled by Flight Controller and its frequency will be changed to F1 5740 and the button on VTX will give no more reaction.								
* If you need to get 200/600mW & all 48 channels unlocked, please first of all disconnect VTX from Flight Controller IRC Tramp and then long press the button on VTX for 10 seconds till the red LED is always on.								

- 3. Remote control (Take Mode-2 for example) BFCMS-FEATURES-VTX TR
- 2 ci

VTX 25mW

VTX 200mW

VTX 600mW

7-26V

(Back)

Ø







♦ Instruction diagram							
1010							
	5V-OUT						
	GND GND						
DVR Button	VIDEO IN						
	== IRC						
Green LED	■ GND						

MIC



* In standby mode, long press the button, about 5 seconds, till the Green LED is off, the SD card will be formatted and recording will start. Stop Recording * In recording mode, short press the button, file will be saved and DVR will turn to standby mode.

* In standby mode, short press the button to start recording.

- Warning

 * Recording files will be saved automatically by segment per each 5 minutes and recording stops when Micro SD card is full. * It takes about 3G capacity for 1 hour recording. Thus an 8G Micro SD card can record about 2.5 hours.
 - * DVR won't save the file automatically after power off. So please stop recording before power off. Otherwise, you will miss your last recording.

Parameter Model Video in

Encoder

Working Current Power out

Net Weight

Dimension

DVR			
		Resolution	VGA (640 x 480) @ 30fps (NTSC) / 25 fps (PAL)
		Audio	Built-in MIC
		Micro SD Card	Max 32G
		Frequency Channel	5.8G 48CH
	VTX	Output Power	25mW/200mW/600mW
	VIA	Video Input Impedance	75 Ohm
		Antenna Connector	MMCX
		Dower in	DC 7 26V

MJPEG@AV

Speedy Bee VTX-DVR CVBS@1Vp-p 75Ω

DC 9V @Max 450mA

DC 5V @Max 250mA

7.5 g (without antenna)

36mm*36mm @30.5 × 30.5 M3 holes

