140mm

90mm

Channels

Transmission Frequency Group(MHz)

A	Ch1:5865MHz	Ch2:5845MHz	Ch3:5825MHz	Ch4:5805MHz
	Ch5:5785MHz	Ch6:5765MHz	Ch7:5745MHz	Ch8:5725MHz
B	Ch1:5733MHz	Ch2:5752MHz	Ch3:5771MHz	Ch4:5790MHz
	Ch5:5809MHz	Ch6:5828MHz	Ch7:5847MHz	Ch8:5866MHz
C	Ch1:5705MHz	Ch2:5685MHz	Ch3:5665MHz	Ch4:5645MHz
	Ch5:5885MHz	Ch6:5905Hz	Ch7:5925MHz	Ch8:5945MHz
D	Ch1:5740MHz	Ch2:5760MHz	Ch3:5780MHz	Ch4:5800MHz
	Ch5:5820MHz	Ch6:5840MHz	Ch7:5860MHz	Ch8:5880MHz
E	Ch1:5658MHz	Ch2:5695MHz	Ch3:5732MHz	Ch4:5769MHz
	Ch5:5806MHz	Ch6:5843MHz	Ch7:5880MHz	Ch8:5917MHz
F	Ch1:5362MHz	Ch2:5399MHz	Ch3:5436MHz	Ch4:5473MHz
	Ch5:5510MHz	Ch6:5547MHz	Ch7:5584MHz	Ch8:5621MHz

Modulation Type:FM

OUTPUT CHARACTERISTIC (25℃ with the cooling measures)						
	TX Power	MIN	Typical	MAX	Working current	
1	25mW	12.5	14dBm	15.5	5V	320MA±30MA
2	100mW	18.5	20dBm	21.5	5V	370MA±40MA
3	200mW	21.5	23dBm	24.5	5V	410MA±55MA
4	PIT MODE	-40	-35dBm	-30	5V	280MA±30MA

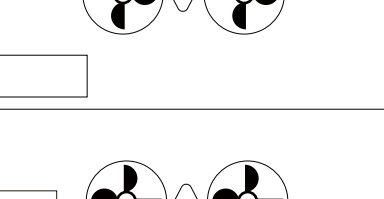
Operational Guidelines

Frequency group A~F selected still touch up to 2s
Channel Ch1~Ch8 selected with short touch
TX power 25mW/100mW/200mW/PIT Mode selected still touch up to 5s

BOLDCLASH®

Boldclash F02H Pro AIO Separated Type
5.8GHz 48CH 25mw 3.7g A/V Camera & TX
Support 2.9V-5.5V NTSC
PIT Mode/25mW/100mW/200mW

Size



Notice:

1. Make sure the heat dissipation of the module or the module overheat protection will start, reduces the power transmission even close .
2. Ensure the correct voltage range, anode and cathode before switching on to avoid damaging the components.
3. Confirm the RF has installed the antenna before switching on can extend the service life of the module.

Features

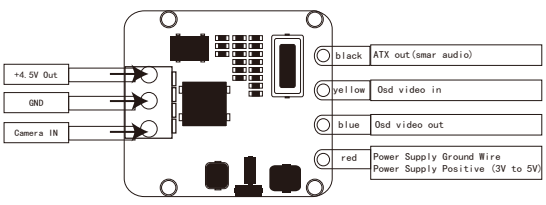
1. 48 Channels
2. TX Power 25mW/100mW/200mW/PIT Mode Support Switch
3. Super Anti-shock
4. Wide Lens Angle
5. Miniature And Light Weight Design
6. Suitable for Most Coreless Motor FPV Mini Quadcopters Multirotors
7. Support Touch Switch Select Channel Frequency Group
8. 8-LED Display Channel And 6-LED Display Frequency Group Information

Specifications

1. Brand: Boldclash
2. Model: F02H Pro
3. Temperature: -10℃ ~ +60℃
4. Ambient Temperature: 25
5. Frequency Band: 5362~5945MHz
6. Channel Customer: 48
7. Modulation Type: FM
8. TX Power: PIT/25mW/100mW/200mW
9. Transmit Power: 13+1dBm
10. Frequency Control: PLL
11. All Harmonic: Max -50dBm
12. Frequency Stability: 100KHz
13. Frequency Precision: 200KHz
14. Channel Carrier Error: ±1dB
15. Antenna Port: 50 Ohms
16. Input Format: NTSC
17. Sensor NTSC:640X480; 1/4
18. Lens Angel: H:120/V:100
19. Power Consumption: 250±20MA@5V DCIN
20. Supply Voltage: 2.9V-5.5V
21. Weight: 8g(With Antenna)

Operations

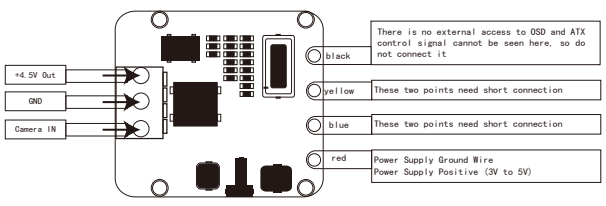
FLIGHT CONTROL CIRCUIT BOARDS WITH OSD AND ATX CONTROLS

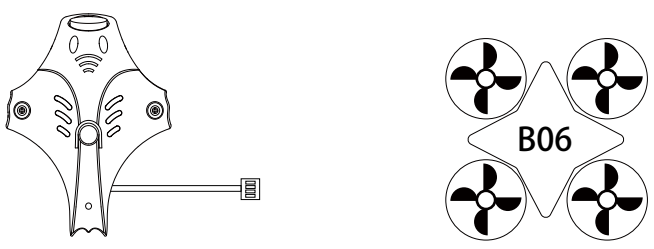


Description:

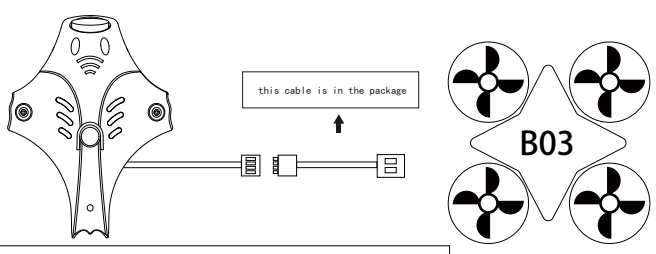
Frequency And Frequency Group Control: The ATX (Smart audio) can be used to control remote operation through the RX/TX port. We define the 25mW for the remote 25mW products; the 100mW for the remote 200mW products; the 200mW for the remote 500mW & 800mW products. (Note: 6, BAND F channel group will not appear in the remote control group, and it is controlled by the button only if the ATX control line is not connected. Otherwise the ATX will send a signal at all times and pull the control back to the 1-5 frequency group).

WIRING DIAGRAM FOR DIRECT TRANSMISSION WITHOUT OSD





4pin plug insert B06/B06pro or other drone with OSD function



Use 4pin to 2pin cable plug insert B03/B03pro or other drone without OSD function