SIYI data transmission connection cable (1.25mm earial docking cable, 4P terminal without lock)

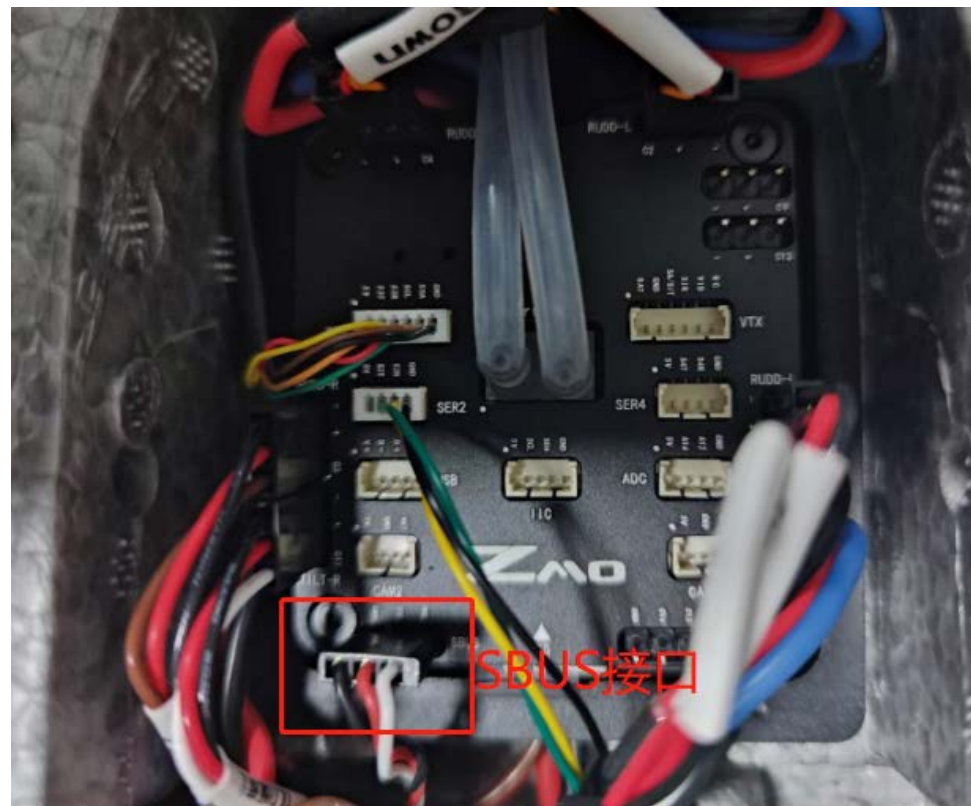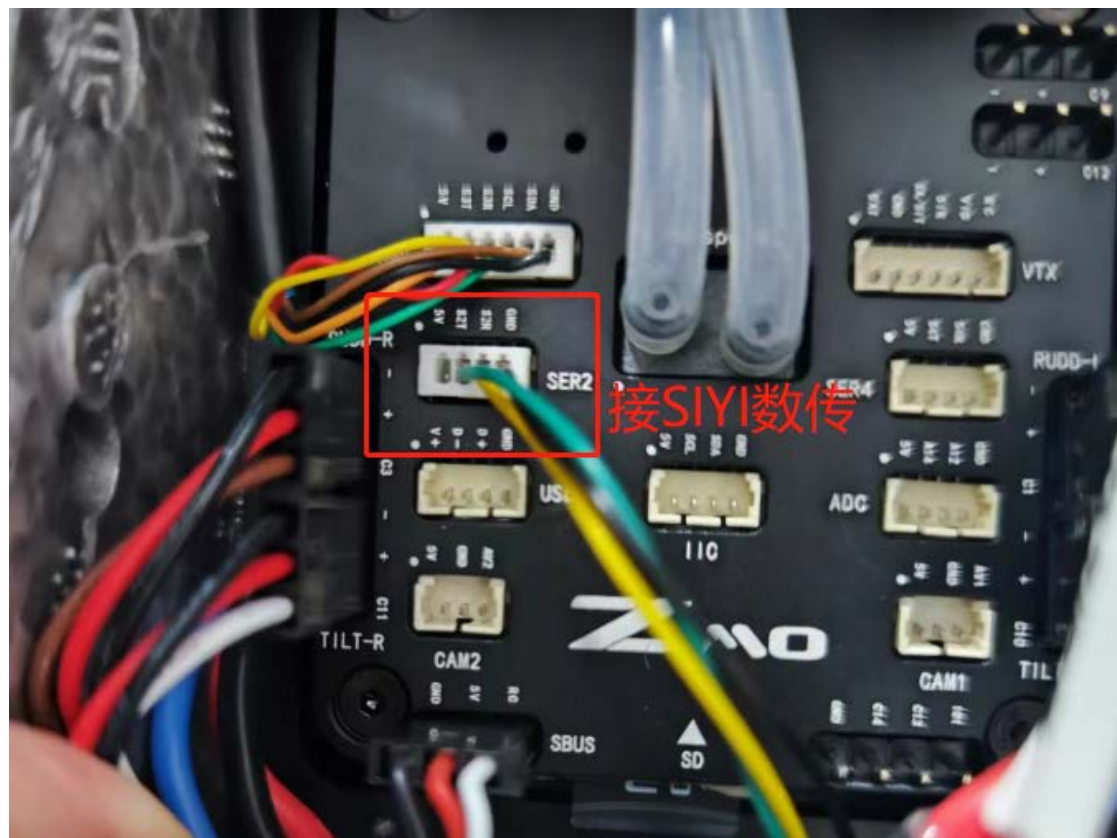Plug included

含插头 300mm

接飞控1.25mm
4pin不带锁扣

思翼HM30/MK15天
空端插头

Connect the Flight controller of HM30/MK15

connection cable (1.25mm air connection cable, 4P terminal without lock)

1.25mm 4P

接SIYI数传

SBUS接口

SBUS connection wire, use the connection wire that comes with SIYI to connect to the flight control SBUS interface,
Pay attention to the positive and negative directions (it is recommended to disconnect the red power wire)

How to set the mode gear using a non-DJI remote controller

Notice, Siyi we ship as siyi products standard, language same as its
Factory settings with Chinese. You can set the language as below:

Make sure your remote control has at least 4 toggle switches, otherwise the available modes are limited (that is, the remote control has more than 8 channels)

Ⅰ,The following takes SIYI MK15 remote control with screen as an example to set up (other remote control settings can be analogized):

1. Open the SIYI remote control APP
2. Enter the "Channel Settings" interface, and set as shown below

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Channel setting
通道设置

1	Positive	1500	正向	J1
	1050	0	1950	
2	Positive	1500	正向	J2
	1050	0	1950	
3	Positive	1500	正向	J3
	1050	0	1950	
4	Positive	1500	正向	J4
	1050	0	1950	

5	Positive	1050	正向	SA
	1050	0	1950	
6	Positive	1050	正向	SB
	1050	0	1950	
7	Positive	1050	正向	B
	1050	0	1950	
8	Positive	1050	正向	A
	1050	0	1950	

Screen 1

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Channel setting
通道设置

| 9 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

| 10 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

| 11 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

| 12 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

Screen 2

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通道设置

| 13 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

| 14 | 1000 | Positive 正向 | RSSI |
| | 1050 | 0 | 1950 | | |

| 15 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |

| 16 | 1500 | Positive 正向 | -- |
| | 1050 | 0 | 1950 | | |
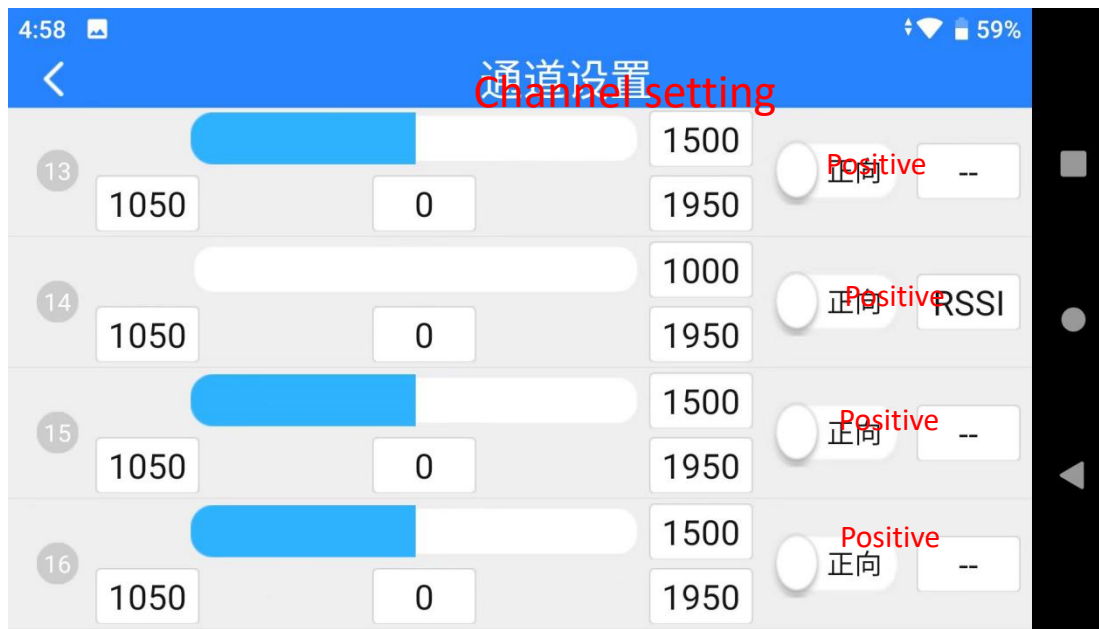
Channel 5 is set to SA, control quad self-stabilization (Qstabilize)-Quad fixed point (QLoiter)-fixed wing self-stabilization (FBWA)

Channel 6 is set to SB to control the cruise mode (Cruise)

Channel 7 is set to B to control the return mode (RTL)

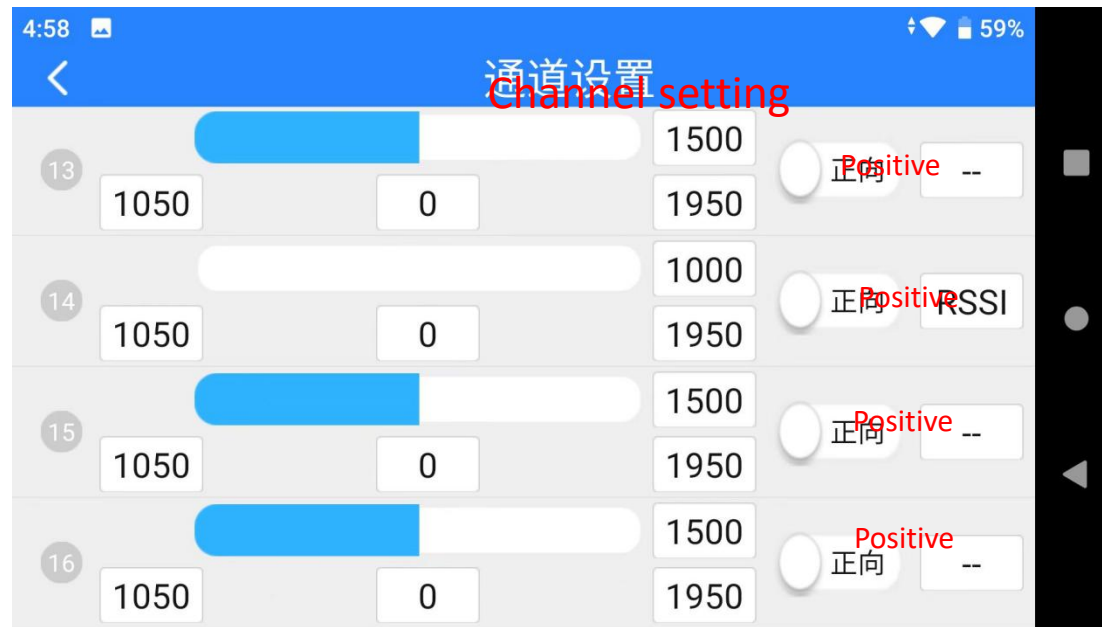Channel 8 is set to A to control the automatic route mode (AUTO)

Channel 5 is set to SA, control quad self-stabilization (Qstabilize)-Quad fixed point (QLoiter)-fixed wing self-stabilization (FBWA)

Channel 6 is set to SB to control the cruise mode (Cruise)

Channel 7 is set to B to control the return mode (RTL)

Channel 8 is set to A to control the automatic route mode (AUTO)

Pay attention to check the positive and negative settings of each channel! In order to avoid accidental touch, other unused channels must be closed!

SA must be a 3-stage switch, and the rest of the mode gear buttons can be 2-stage or 3-stage switches
After setting, you can connect the MP ground station software through the USB cable to confirm whether the mode is set successfully

3. **Mode description**:

4. Quad self-stabilization (Qstabilize): In the Quad state, the aircraft only provides the stabilization function, and the height and position are all controlled by the remote control. It is generally not recommended for beginners to fly in this mode. When using the remote control with the function of returning the throttle to the center, be careful not to loosen it. When sticking, the aircraft will climb due to the throttle being in the neutral position

5. Quad fixed point (QLoiter): In the Quad state, the throttle is in the neutral position, and the aircraft will keep hovering. It needs a good GPS signal. It is recommended that novices use this mode to take off. This mode requires the remote control to push the throttle to more than 50% of the aircraft will leave the ground

6. Fixed-wing self-stabilization (FBWA): The aircraft provides stabilization, the speed changes with the throttle, and the attitude is more flexible

7. Fixed-wing cruise (Cruise): In the case of neutral position of the throttle, the aircraft will maintain the current altitude and heading, and the heading or altitude of the aircraft can be changed by pressing the stick. In this mode, the altitude rises or falls at a slower rate

8. Return to home (RTL): Return to home automatically lands at the take-off point

9. Automatic (AUTO): automatic route mode, the aircraft will automatically fly according to the preset route, and automatically return and land after the flight is completed

Ⅱ. Turn on fixed-wing manual mode/stunt mode (this mode is not recommended for beginners)

The 9th channel of the remote control is mapped to a two-position switch to turn on the manual fixed-wing mode. This mode is purely manual. The flight control does not provide any stabilization function, and all protection measures are invalid (altitude protection/speed protection/angle protection) Protect)
The 10th channel of the remote control is mapped to a two-stage switch to turn on the stunt mode, and all protection measures are invalid (altitude protection/speed protection/angle protection)

After the setting is completed, please be sure to check whether the control of each rudder surface of the fixed wing is correct