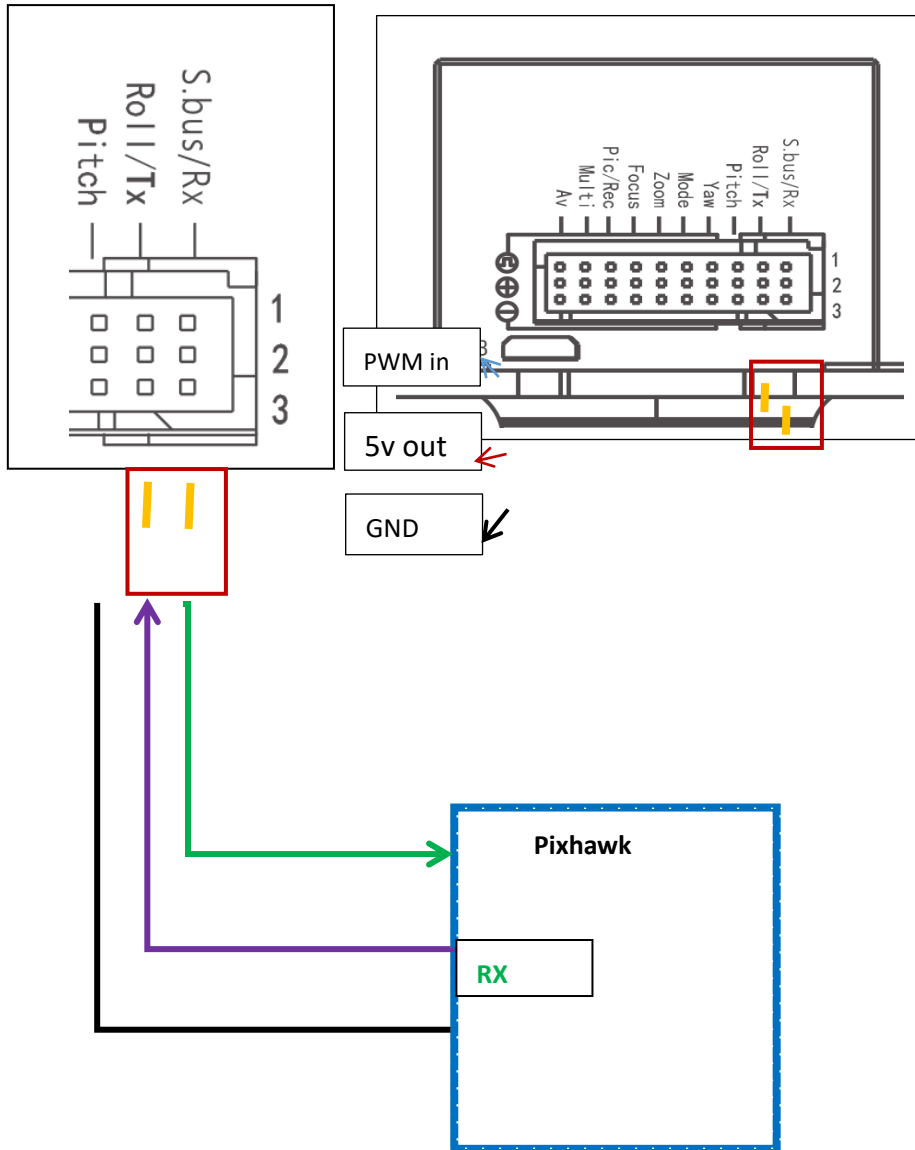


How to connect gimbal to pixhawk with serial port ?

Step 1: serial port of gimbal connect to pixhawk serial port (telem1 or telem2)





Step2 : Set pixhawk baudrate to 115200 and protocol select mavlink1. (eg, use mission planner)

飞行模式
地理围栏
基本调参
扩展调参
标准参数
高级参数
全部参数表
全部参数树
Planner

写入参数 刷新参数 查找

Telem1 Baud Rate (SERIAL1_BAUD)
描述: The baud rate used on the Telem1 port. The AP2 can support all baudrates up to 115, and also can support 500. The PX4 can support rates of up to 1500. If you setup a rate you cannot support on AP2 and then can't connect to your board you should load a firmware from a different vehicle type. That will reset all your parameters to default.

115200

Telem1 protocol selection (SERIAL1_PROTOCOL)
描述: Control what protocol to use on the Telem1 port. Note that the Frsky options require external converter hardware. See the wiki for details.

MAVLink1

Telemetry 2 Baud Rate (SERIAL2_BAUD)
描述: The baud rate of the Telem2 port. The AP2 can support rates of up to 115, and also can support 500. The PX4 can support rates of up to 1500. If you setup a rate you cannot support on AP2 and then can't connect to your board you should load a firmware from a different vehicle type. That will reset all your parameters to default.

115200

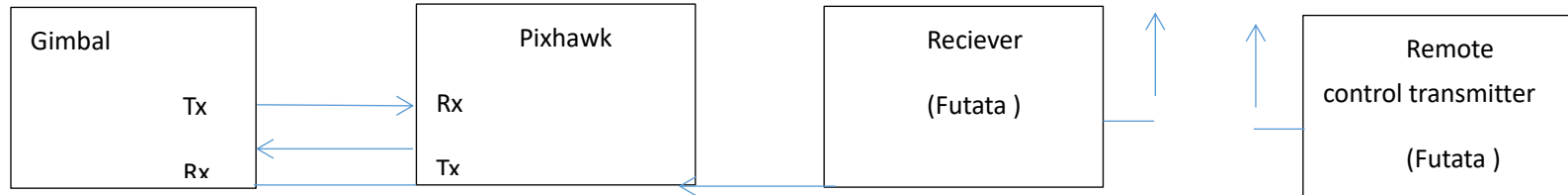
Telemetry 2 protocol selection (SERIAL2_PROTOCOL)
描述: Control what protocol to use on the Telem2 port. Note that the Frsky options require external converter hardware. See the wiki for details.

MAVLink1

Search For
Enter a single word to search for
TELEM
OK Cancel

6 just change the telem port connect to gimbal

Use "RC IN" connect to S.bus port of futaba reciever, user can control gimbal by futaba remote controller.



使用命令来改变控制通道

AA 55 10 01 FF 1~7ch

AA 55 10 02 FF 6~12ch

AA 55 10 03 FF 8~14ch

自定义通道设置命令: **AA 55 11 YA PI MO ZO FO PR MU FF**

YA-----yaw 偏航控制通道号设置 范围为: **0x01---0x14**

PI-----pitch 俯仰控制通道号设置范围为: **0x01---0x14**

MO-----mode 模式控制通道号设置 范围为: **0x01---0x14**

sbus 以及 **mavlink** 通道设置指令, 不控制的通道, 设置为 **0**。

(默认 1)

(默认 2)

(默认 3)

ZO-----ZOOM 变焦控制通道号设置 范围为： 0x01---0x14 (默认 4)

FO-----FOCUS 手动聚焦/双光画中画/热像色板/红外补光器控制 通道号设置 范围为： 0x01---0x14 (默认 5)

PR-----PIC&REC 录像、拍照控制通道号设置 范围为： 0x01---0x14 (默认 6)

MU-----MULTI 跟踪，夜视控制通道号设置 范围为： 0x01---0x14 (默认 7)

比如： 用 9~15 通道控制以上各通道,发如下命令： 注意为 16 进制数。 第 10 通道设置 0A

AA 55 11 09 0A 0B 0C 0D 0E 0F FF