### **Viewpro Gimbal Firmware Upgrade Instruction**

#### 1. Please download software: SecureCRT

#### 2. Enter upgrade mode

- 2.1 Use Jumper wire to connect as following:
  - YAW ----- 5V Mode ----- 5V
  - Zoom ----- 5V
  - Focus ----- GND
  - Pic/rec ----- GND

Multi ----- GND







2.2 Use 'USB to TTL' cable to connect

White cable ( the 'RX' of cable) ------ 'RX' on the control box Green cable ( the 'TX' of cable) ------ 'TX' on the control box Black cable ( the 'GND' of cable) ------ GND



2.3 Please make sure the voltage is **12V** after connecting all these wires.

2.4 Open the software SecureCRT, select the right COM number, setting as the below picture, click at the 'connect', the green ' $\sqrt{}$ ' shows success.

Serial-COM7 (57) - 3	未连接 - SecureCRT	
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	端口(0): COM7 ▼ 流控	
	波特车(B): 115200 ▼ DTR/DSR	
	数据位(D): 8 ▼	
	奇偶校验(A): None ▼	
	停止位(S): 1 -	
	<ul> <li>② 倉姉望示快速连接(W)</li> <li>② む 経页中打开(T)</li> <li>〕 连接</li> <li>取消</li> </ul>	
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Serial-COM7 (58)	4 Þ
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就绪 Serial: COM7, 115200 1, 1 24行, 80列 VT100	大写数字

2.5 Hit Enter (If no response, restart the power, try again)

🕞 Serial-COM7 (61) - SecureCRT	
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Execute The New Program 3	
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就绪 Serial: COM7, 115200 10, 1 24行, 80列 VT100	大写数字

2.6 Press the number '1', it will show 'waiting for ......'

🕞 Serial-COM7 (61) - SecureCRT	
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Download image to the internal Flash 1	
Execute The New Program3	
Waiting for the file to be sent (press 'a' to abort)	E
	-
就绪 Serial: COM7, 115200 17, 1 30行, 86列 VT100	大写数字

🔵 Viewpro

2.7 Click at the "sent", select the program, finish the bootloader

Serial-COM7 (61) - SecureCRT		
文件(F) 编辑(E) 查看(V) 选项(O)	传输(T) 脚本(S) 工具(L) 帮助(H)	
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Waiting for the file to be ccccccc	sent (press 'a' to abort)	E
使用 Ymodem 发送一个文件	Serial: COM7, 115200 17, 8 30行, 86列 VT100	大写数字



Serial-COM7 (61) - SecureCRT	
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Main Menu	
Download Image To the Internal Flash 1	
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