2 axis CNC brushless motor FPV gimbal for DJI Phantom V1&V2

Walkera XA350

Part 1:Summary:

- Model:ST303
- Material:CNC AL alloy
- with 2* 2208 80KV brushless motor
- color:silver
- with BGC 3.1 controller board
- with Alexmos V2.3B5 firmware
- With anti-vibration rubber balls,easy to adjust
- Compatible with GoPro 3,2,1
- Brushless motor direct drive
- with motor protector which can help heat dissipation
- With anti-vibration rubber balls,easy to adjust
- 230/300gram with/without GoPro hero 3
- 3S/4S li-po battery powered

- 3S balance plug is convenience for DJI captor

- Size:80*80*80mm(L*W*H)
- Mode:frame follow,fixed angle, controlled by receiver
- Ready to use(default profile for Gopro 3)

Part 2 : How to use(DJI phantom example)

1. Assemble 4 anti-vibration rubber balls with top mounting plant,and fix the part to DJI phantom with screws.
2. Assemble with main gimbal with 4 rubber ball bottom side.
3. Install GoPro at camera position,and fasten with strap.
4. If you don't want control by DJI receiver,please jump to item #7,else read #5,#6
5. Connect Roll signal to F1 signal on Naza FC,& Pitch to F2 on Naza FC,if you want real time angle control.
6. Connect your Naza FC to compter,run naza assistant,find Advanced bar/Gimbal sub-bar/,change gimbal switch to OFF,save setting
7. Keep Gopro balance,then connect the gimbal balance plug to battery balance plug
8. Ater 5-10mins,the gimbal initializing complete.relax the gimbal test the general function.
9. If something not working well,you can debug the gimbal with UGI,download address: http://www.basecamelectronics.com/files/SimpleBGC_GUI_2_40.zip.
10. Hope you enjoy FPV flying.

Part 3:controller dirgram: