



BOM Table

项目编号	零件号	说明	数量
1	Gimbal Base	FDM 3D Print	1
2	S3-S3 Servo		2
3	Gimbal Center	FDM 3D Print	1
4	Gimbal Top	FDM 3D Print	1
5	OV5640 Camera		1
6	Controller Enclosure	FDM 3D Print	1
7	Controller Enclosure Cover	FDM 3D Print	1
8	FPV Connector	0.5mm 24Pin	1
9	FPV Cable	0.5mm 24Pin length>=60mm	1
10	1mm steel wire	25mm longer	1
11	Dupont wires	Buy shorter wires	6
12	M3 screws	Optional, used for securing the gimbal	4
13	TYPE-C female to male glue injection charging base		1
14	screw m2x14		1
15	nut m2		1
16	screw m1.6x4(may be m1.4x4) or the screws that come with the servo		4
17	3000U Tech ESP32-S3-CAM Develop Board or Freesove ESP32-S3 WROOM Develop Board	The shell may not support Freesove ESP32-S3 WROOM	1

Drawn	Manufacturing process	Unit	Design	Date	ESP32-S3 Camera Monitor
I / 1	RDwr 3D Print	mm	ZWQ	2024.2.2	
		License	Material	Description	
		CC-BY-NC-SA 3.0	PETG chip or other 3D printing material		