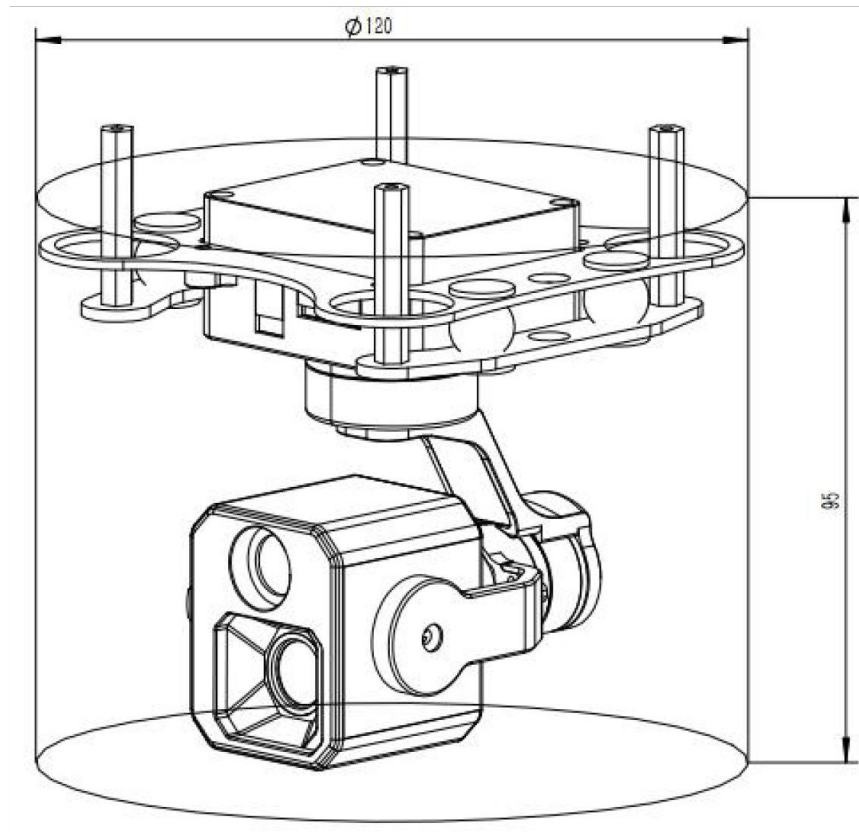


Advantage

- 4K +1080P visible light camera
- Day and night switch
- Multiple picture in picture modes
- Standard RTSP stream output
- TF card 2 ways recording
- digital zoom
- 3-axis stabilizing PTZ
- HDMI and IP dual output
- Network, UART, and SBUS control
- Lightweight, 150g

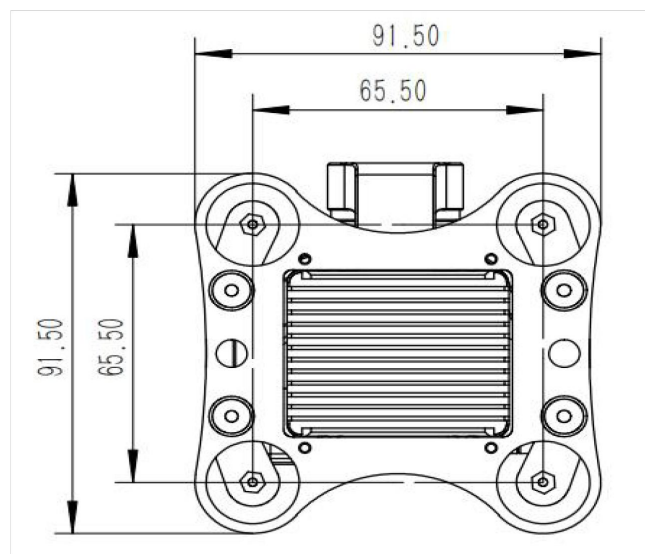
Overall Structure



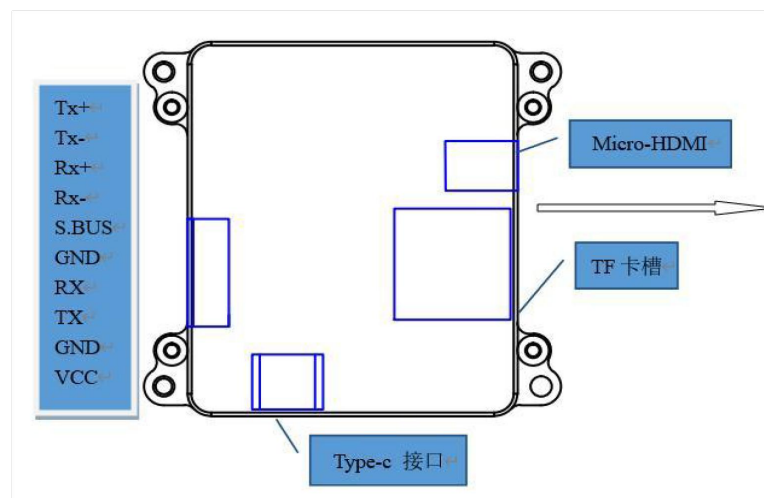


Voltage		3S-6S (12V-26.2V)
Power		Dynamic 4W
Technical Parameters	Roll Angle	-45°~+45°
	Pitch Angle	-45°~+100°
	Yaw Angle	-150°~+150°
	Jitter Angle	±0.02°
	Horizontal Jitter Angle	±0.03°
	One-Click Restore	One-click restore to the initial position
	Adjustable Gimbal Speed	When the PTZ rotates, it conducts speed adaptation based on the current speed mode and the multiple of visible light camera.
4K camera Parameters	Control mode	Support network IP, SBUS and serial port control
	CMOS size	8 Mega Pixels CMOS SENSOR
	Digital Zoom	7x Digital Zoom
	Compressed storage mode	H264, H265, video streaming local TF storage 4K/1080p
1080P camera Parameters	Field Angle (FOV)	25mm lens, FOV: 10.5°×7.8°
	CMOS size	2 Mega Pixels CMOS SENSOR
	Digital Zoom	9x Digital Zoom
	Compressed storage mode	H264, H265, video streaming local TF storage 1080p
Field Angle (FOV)		6mm lens, FOV: 60°× 43°
HDMI video		Micro-D HDMI 1080P 30fps
Network output mode		1080P 30fps /4K 30fps
Gimbal Size		φ:120mm H:95mm
Working Condition		-10℃ to +55℃ / 20% to 80% RH
Storage Environment		-20℃ to +60℃ / 20% to 95% RH
Main applications		UAV aerial photography
Weight		150±10g

Structural installation dimensions



Connection application diagram



Number	Model	Interface Type	Interface definition	Function
1	10 PIN	Power interface	VCC	DC 12V-26.2V
2		Power ground	GND	GND
3		Communication Interface	TX	Serial port sending
4		Communication Interface	RX	Serial port receiving
5		Signal ground	GND	GND
6		Communication Interface	S. BUS	S. BUS Input
7		Communication Interface	Rx-	Network Interface
8		Communication Interface	Rx+	Network Interface
9		Communication Interface	Tx-	Network Interface
10		Communication Interface	Tx+	Network Interface

***Due to product upgrades,there may be slight changes in appearance/size/weight/power consumption. Please contact sales for recent data. We apologize for any inconvenience it may cause.**

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