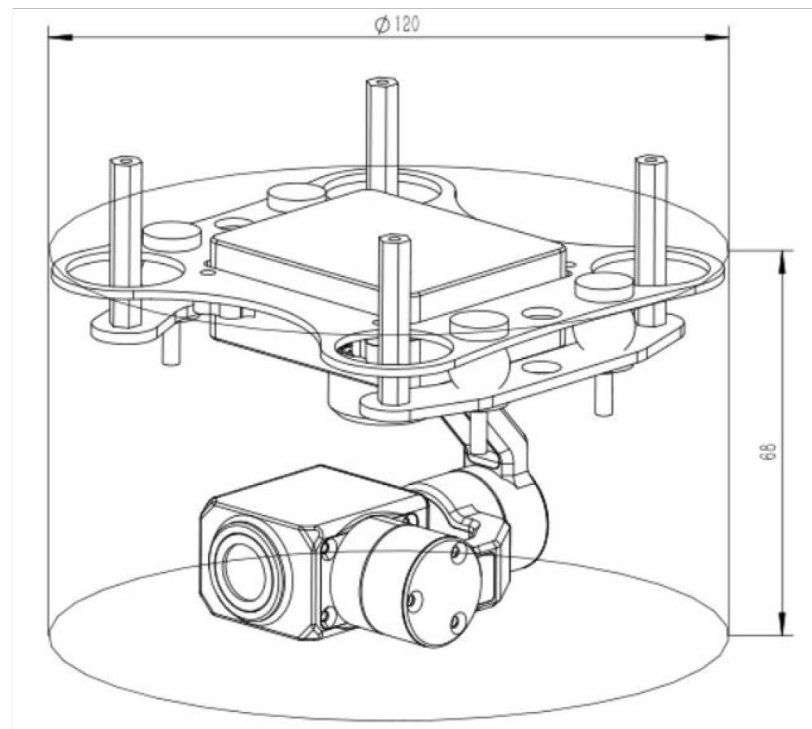



Functional Features

- 4K visible light
- Supports 7x digital zoom
- Support IP, HDMI dual output
- 3-Axis stabilized gimbal, 110g
- Network, S.BUS and UART controls
- TF card double record

Whole machine structure



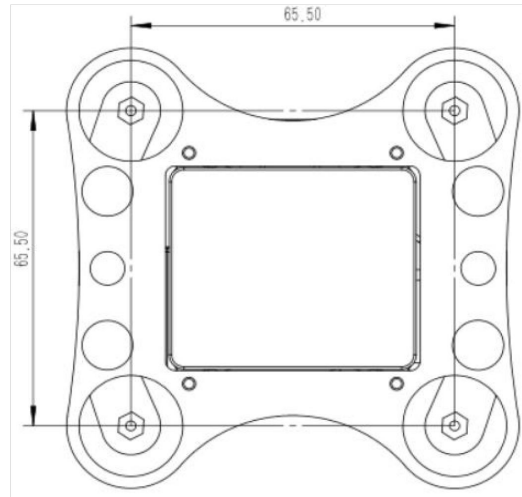
Note ① : Serialport: 3.3V, LVTTTL UART.

		
voltage		DC 12V-26.2V [®]
Power		Dynamic 4W
Working Status	Roll Angle action range	-45°~ +45°
	Pitch Angle action range	-45°~ +100°
	Heading Angle action range	-150°~ +150°
	Angle jitter in pitch and roll direction	±0.02°
	Horizontal Angle jitter	±0.03°
	One-click back to center function	One key automatic fast return to the initial position
	Pan- tilt control speed is adjustable	When the pan-tilt rotates, the speed is adaptive based on the current speed mode and the multiple of the visible light camera.
	Control mode	Support network IP control, SBUS control, serial port control (optional PWM control)
Visible light Camera	Sensor	1/2.8 inch 8 megapixel HD CMOS SENSOR
	Digital zoom	Supports 7x digital zoom
	Compressed storage mode	H264, H265, local TF storage for video streams
	HDMI video	Micro-D HDMI 1080P 30fps
	Network Output mode	1080P 30fps
	Angle of view (FOV)	25mm lens, FOV: 10.5°× 7.8°
Dimensions		Φ:120mm H: 68mm
Working environment		-10℃ to +45℃/ 20% to 80% RH
Storage environment		-20℃ to +60℃/ 20% to 95% RH
Main applications		Drone aerial photography
Weights		110± 10g

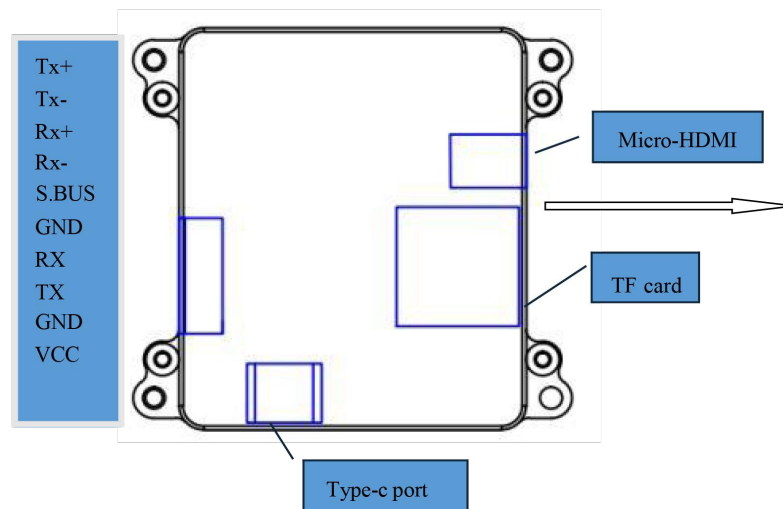
Note 2: Voltage :DC12V~26.2V, need to pay attention to the power supply instantaneous voltage can not exceed 27V.

Structure Installation size

The installation hole spacing of the shock absorber plate is 65.5mm×65.5mm; Installation hole size: M3



Connection application diagram



Serial number	Model number	Interface type	Interface definition	Functionality
1	10PIN socket	Communication port	Tx+	Network interface
2		Communication interface	Tx-	Network interface
3		Communication interface	Rx+	Network interface
4		Communication interface	Rx-	Network interface
5		Communication interface	S.BUS	S.BUS input
6		Signal Ground	GND	GND
7		Communication interface	RX	Serial receiver
8		Communication interface	TX	Serial send
9		Power ground	GND	GND
10		Power port	VCC	DC 12V-26.2V

*** Due to product upgrade, appearance/size/weight/power consumption may change slightly, please contact sales for recent Data. Thanks for understand.**

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