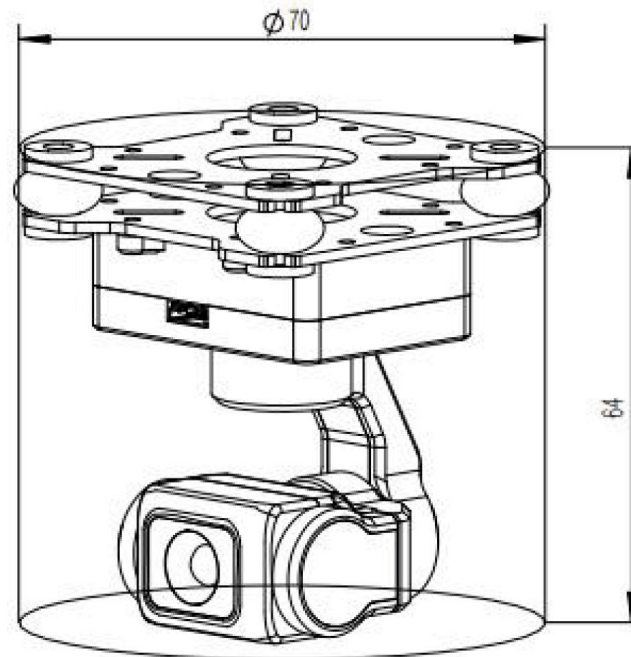


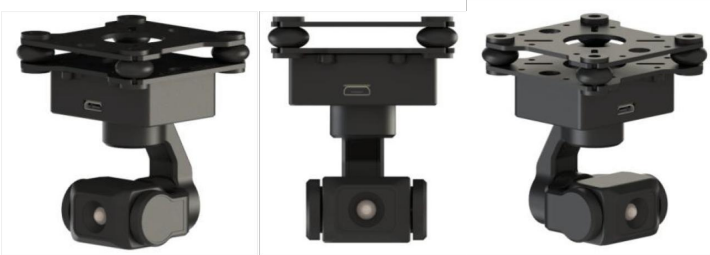
Features

- Fixed focus visible light camera
- 9X digital zoom
- IP output
- Low power consumption of 3W
- 3-axis stabilized gimbal
- Control via network, S.BUS and UART
- Ultra-lightweight at 60g
- Network readable and writable & TF card local storage

complete system structure



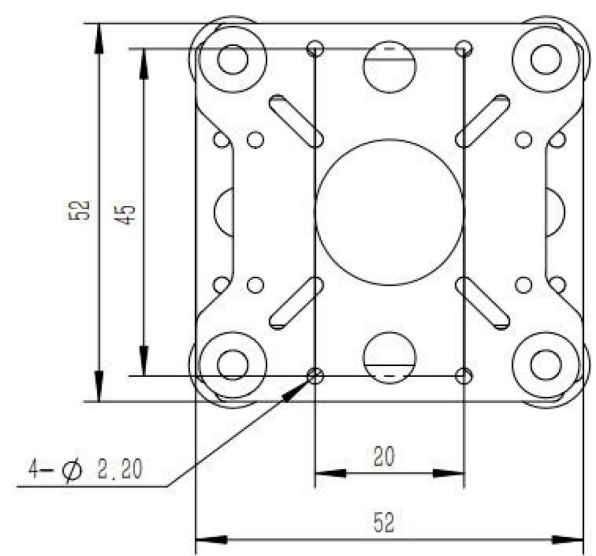
Note①: Serial port refers to: 3.3V, TTL UART.

		
Voltage		DC 3S-6S ^②
Power		Dynamitic 3W
Operating Characteristics	Roll Angle	-40° ~ +40°
	Pitch Angle	-40° ~ +90°
	Yaw Angle	-130° ~ +130°
	Pitch and Roll Directional Angle Jitter	±0.02°
	Horizontal Directional Angle Jitter	±0.03°
	One-Key Centering Feature	One-click automatic quick return to initial position
	Adjustable Gimbal Control Speed	Gimbal rotation is speed-adaptive based on the current speed mode and the visible light camera magnification.
	Control Methods	Supports network IP control, SBUS control, serial port control (optional PWM control available)
Visible Light Camera	Sensor	4-megapixel high-definition CMOS SENSOR
	Digital Zoom	9X digital zoom
	Compression Storage Mode	H264, H265 video stream local TF storage
	Network Output Mode	1080P 30fps
	Focal Length	3mm
	Field of View (FOV)	FOV: D=78° H=68° V=46°
Dimensions		Φ:70mm H:64mm
Operating Environment		-10℃ to +45℃ / 20% to 80% RH
Storage Environment		-20℃ to +60℃ / 20% to 95% RH
Main Applications		UAV aerial photography
Weight		60±10g

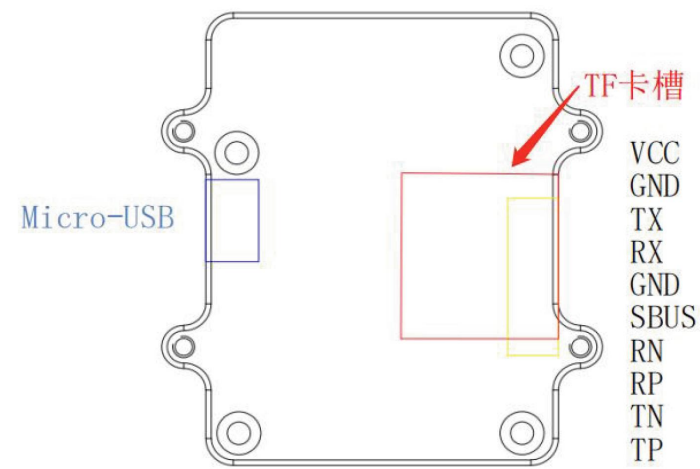
Note^②: Voltage: DC12V~25.2V, please note that the instantaneous voltage of the power supply must not exceed 27V.

Structural Mounting Dimensions

Vibration damping board mounting hole spacing 45mm×20mm



Interface Application Diagram



No.	Model	Interface Type	Interface Definition	Function
1	10PIN Socket	Power Interface	VCC	DC 12V-25.2V
2		Power Ground	GND	GND
3		Communication Interface	TX	Serial Transmit
4		Communication Interface	RX	Serial Receive
5		Signal Ground	GND	GND
6		Communication Interface	SBUS	SBUS Input
7		Communication Interface	RN	Network Interface
8		Communication Interface	RP	Network Interface
9		Communication Interface	TN	Network Interface
10		Communication Interface	TP	Network Interface

*Due to product upgrades, appearance/size/weight/power consumption may slightly vary, please contact sales for the most recent data, your understanding is appreciated.

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