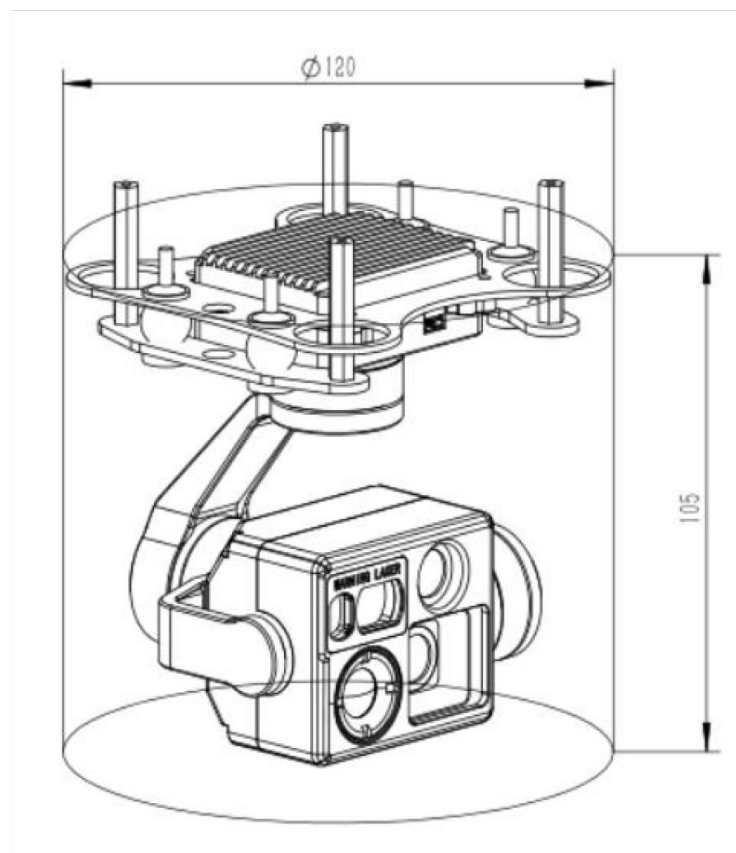


Feature

- 4K EO Camera +1080P EO Camera
- 9x Digital Zoom
- Picture-in-Picture mode
- Ethernet and HDMI dual output
- 1200m laser rangefinder+640×512 IR
- 170m low latency, RTSP video output
- Single TF card, two video recording
- 3-Axis Gimbal. Weight 240g.

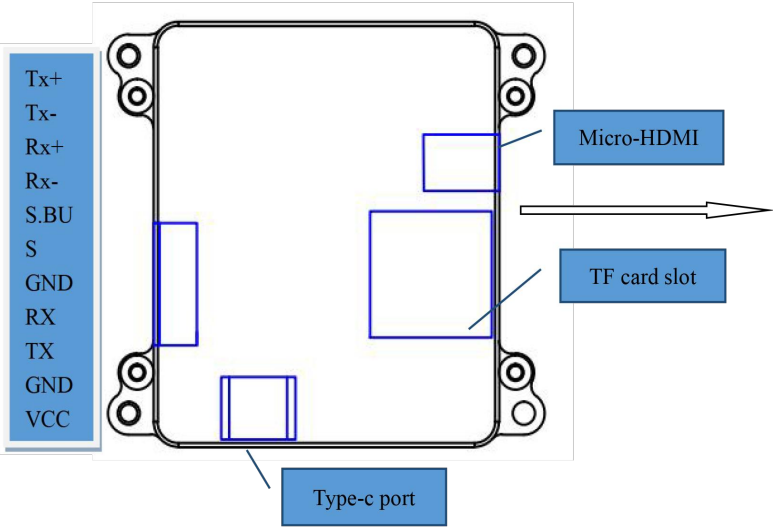
Struction





Voltage		DC 12V-26.2V
Power Supply		Dynamic 6W
Gimbal Feature	Roll Angle	-45° ~ +45°
	Pitch Angle	-45° ~ +100°
	Yaw Angle	-150° ~ +150°
	Angle jitter in pitch and roll	±0.02°
	Horizontal angle jitter	±0.03°
	Gimbal Mode	Support gimbal Lock/Follow mode; One key return to center
	Adjustable control speed	When the gimbal rotates, speed adaptation is based on the current speed mode and visible light camera magnification.
	Control method	serial port, S.BUS, UDP, UART and PWM
4k Visible Light Camera Parameters	SENSOR	8 Mega pixels CMOS SENSOR
	Digital Zoom	9x Digital Zoom
	Compressed Storage Mode	H264, H265, RTSP video streaming, local TF storage
	Field of View (FOV)	25mm lens, FOV: 10.5°×7.8°
1080p Visible Light Camera Parameters	CMOS Size	2 Mega pixels CMOS SENSOR
	Digital Zoom	9x Digital Zoom
	Compressed Storage Mode	H264, H265, RTSP video streaming, local TF storage
	Field of View (FOV)	6mm lens, FOV: 60°x 43°
Laser Range Finder	Laser wave	905nm (class 1 laser)
	Detect range	5-1200m
	Accuracy / Resolution	± 1m
Infrared Light Camera	Resolution	640x512
	Pix Spacing	12μm
	Type	Uncooled Vanadium Oxide Detector
	Wavelength	8~14μm
	Thermal Sensitivity (NETD)	≤50mk@F1.0@25℃
	Field Angle	9.1mm Lens; FOV: 48° × 38°
	Measurement (Optional)	Average temperature, highest temperature, lowest temperature display
Device Size		Φ : 120mm H: 105mm
Work Condition		-10℃ to +55℃ / 20% to 80% RH
Storage Condition		-20℃ to +60℃ / 20% to 95% RH
Application		UAV aerial photography
Weight		240±10g

Connection application diagram



No.	Model	Interface Type	Interface definition	Function
1	10 PIN	communication interface	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	SBUS INPUT
6		communication interface	GND	GND
7		communication interface	RX	Serial port receiving
8		communication interface	TX	Serial port sending
9		Power Ground	GND	GND
10		Power Interface	VCC	DC 12V-26.2V

*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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