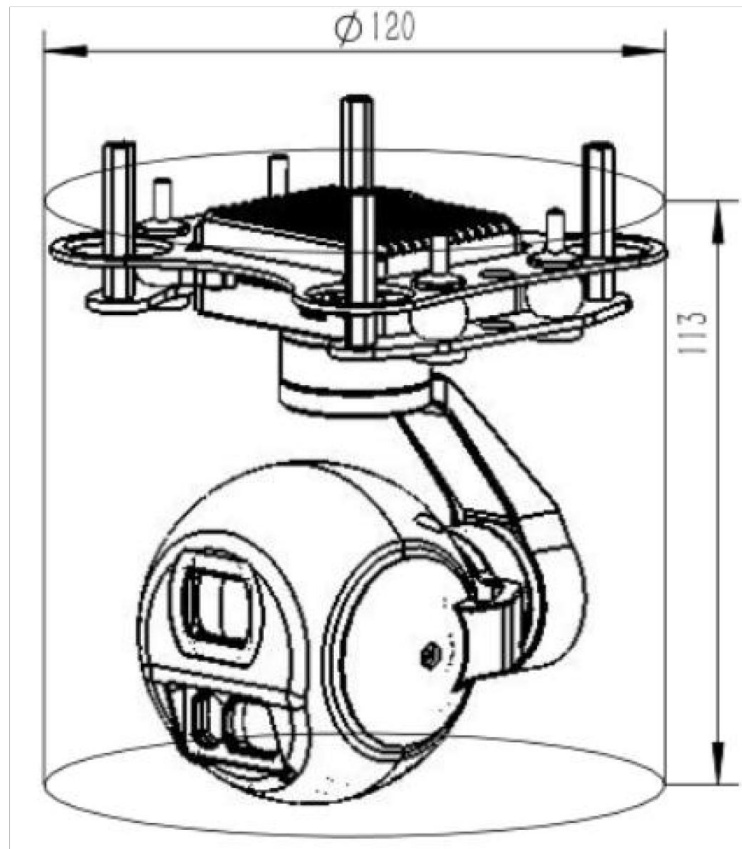


### Functional Features

- Quick Focus
- 170ms Low Latency RTSP Video Format
- High-precision FOC
- Integrated Ground Station Software

### Device Structure



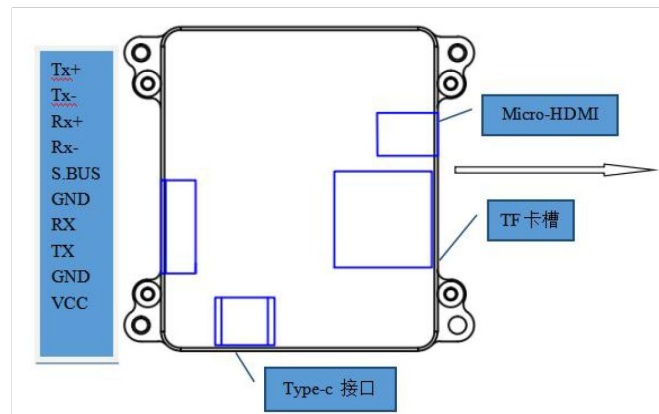
Annotation① : 45X hybrid zoom: 5X optical zoom \* 9X digital zoom

Annotation② : UART: 3.3V, LVTTTL UART。



<b>Voltage</b>		DC 12V-26.2V <sup>③</sup>
<b>Power Supply</b>		Static 5W
<b>Characteristics</b>	<b>Roll Angle Range</b>	-45~+45°
	<b>Pitch Angle Range</b>	-40~+100°
	<b>Course Angle Range</b>	-145° ~+145°
	<b>Pitch and Roll Angle Jitter</b>	±0.02°
	<b>Horizontal Angle Jitter</b>	±0.03°
	<b>One-click Return Function</b>	Quick return to initial position with one click
	<b>Adjustable PTZ Speed</b>	The current speed mode based on the multiple zoom of camera
	<b>Control Modes</b>	IP and UART and S.BUS control (or PWM for Option)
<b>Visible Light Camera</b>	<b>CMOS Size</b>	1/3" CMOS SENSOR: 4 Mega Pixels
	<b>Optical zoom</b>	5x HD optical zoom lens, f=5±10%~25±10%mm
	<b>Focusing Time</b>	Real time fast focusing, focusing time <1S
	<b>Video Format</b>	RTSP 1080P and Local TF 1080P record
	<b>Field Angle (FOV)</b>	D : WIDE 61.1° TELE 12.41° H : WIDE 50.12° TELE 10.81° V : WIDE 38.07° TELE 8.13°
	<b>Support Mode</b>	1080P 30fps
<b>LRF</b>	<b>Laser wave</b>	905nm (class 1 laser)
	<b>Detect range</b>	5~1200m
	<b>Accuracy / Resolution</b>	±1m
<b>Size</b>		120mm × 113mm
<b>Operating Temperature</b>		-10℃ to +45℃ / 20% to 80% RH
<b>Storage Temperature</b>		-20℃ to +60℃ / 20% to 95% RH
<b>Application</b>		UAV aerial photography
<b>Weight</b>		240±10

Interface Diagram:



Item	Model	Interfaces	Definition	Function
1	10 PIN Socket	Signal	Tx+	IP
2		Signal	Tx-	IP
3		Signal	Rx+	IP
4		Signal	Rx-	IP
5		Signal	S. BUS	S. BUS Input
6		Signal GND	GND	GND
7		Signal	RX	UART Reception
8		Signal	TX	UART Transmission
9		Power GND	GND	GND
10		Power Output	VCC	DC 12V-26.2V

\*Due to product upgrade, appearance/size/weight/power consumption may change slightly. Please contact sales for the latest data.

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