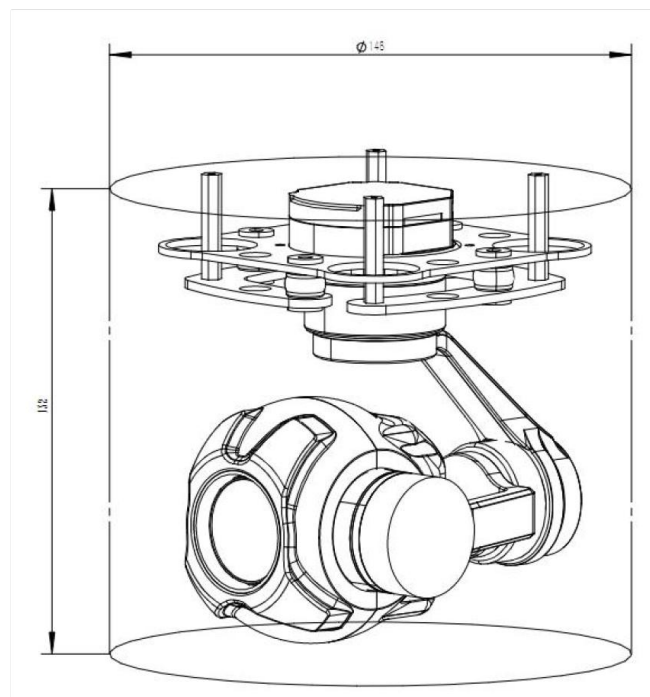


Feature

- 70x mixed zoom^① 4K resolution
- 170ms low delay RTSP output
- IP control and output
- Ground station display & control
- Light weight gimbal, 360g
- TF card storage

System structure

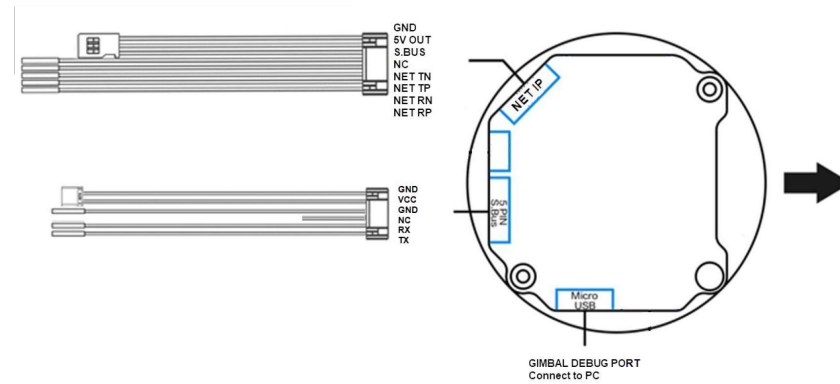


NOTE^①:70x mixed zoom:10x optical zoom+7x digital zoom



Voltage		DC12V-26.2V
Power Supply		Dynamic 5W
Gimbal Feature	Roll Angle	-45° ~ +45°
	Pitch Angle	-45° ~ +120°
	Yaw Angle	-290° ~ +290°
	Pitch and Roll Jitter Angle	±0.02°
	Horizontal Jitter Angle	±0.03°
	One-Click Restore	One-click restore to the initial position
	Adjustable Gimbal Speed	Low speed at big zoom status and fast speed control at small zoom status. Adaptively speed control based on zooming of daylight sensor.
	Control Way	IP,SBUS,UART control (Optional with PWM control)
Visible light Camera Para	SENSOR	1/2.8 inch 8 mega effective pixels CMOS SENSOR
	Optical Zoom	10x HD optical zoom lens, $f=5.15 \pm 5\% \sim 47.38 \pm 5\% \text{mm}$
	AF Time	Real time fast focusing, focusing time < 1s
	Video Output	RTSP stream IP network output, 4K 1080P video stream local TF card storage
	Field Angle (FOV)	D : WIDE 69.5°±5% TELE 7.95°±5% H : WIDE 61.5°±5% TELE 7.00°±5% V : WIDE 35.0°±5% TELE 3.97°±5%
Device Size		φ148mm H:132mm
Work Condition		-10℃ to +55℃ / 20% to 80% RH
Storage Condition		-20℃ to +60℃ / 20% to 95% RH
Mainly usage		UAV aerial photography
Weight (Not including dampers)		360±10g

Connection



Electrical interface

No.	Name	Interface Type	Interface definition	Function
1	6PIN socket	Power interface	GND	Power supply ground
2		Power interface	VCC	DC 12V-26.2V (3S-6S)
3		communication interface	GND	Power supply ground
4		communication interface	NC	
5		communication interface	Rx	Serial port receiving
6		communication interface	Tx	Serial port sending

No.	Name	Interface Type	Interface definition	Function
1	8PIN socket	Power interface	GND	GND
2		Power interface	5V	+5V output
3		communication interface	S.BUS	S.BUS control
4		communication interface	NC	
5		communication interface	Tx-	Network interface
6		communication interface	Tx+	Network interface
7		communication interface	Rx-	Network interface
8		communication interface	Rx+	Network interface

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