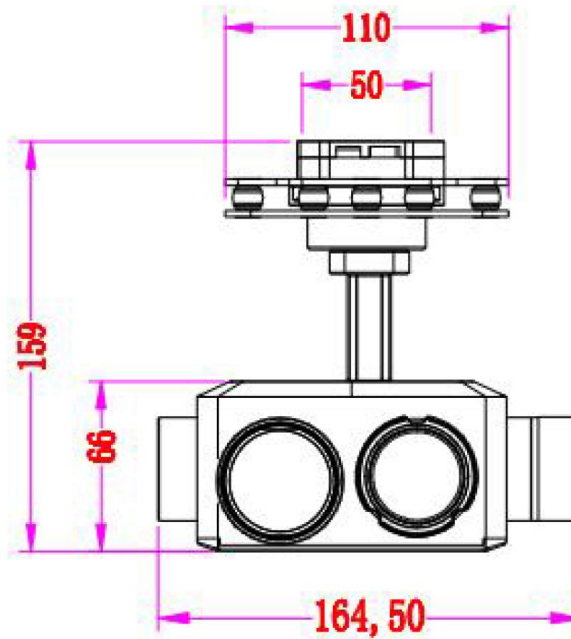


Function characters

- 270x mixed zoom^①
- 800 m laser fill light
- Network IP output.
- 3 axis stablizer PTZ
- Network and UART control
- 170ms low lantency video
- TF card dual record
- network operation TF card

Whole Structure

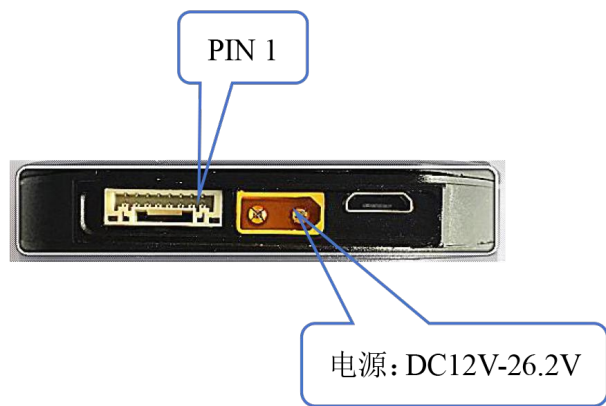




Voltage		DC12V-26.2V
Power		Dynamic state10W
Gimbal Parameter	Roll angle	-45° ~ +45°
	Pitch Angle	-45° ~ +120°
	Yaw Angle	-290° ~ +290°
	Angle jitter in pitch and roll direction	±0.02°
	Horizontal Angle jitter	±0.03°
	One-click return to the center function	Quick return to initial position with one click
	Adjustable Gimbal Speed	Support gimbal Lock/Follow mode; One-click restore to the initial position. Adaptively speed control based on zooming of daylight sensor.
	Control Mode	IP and UART command control, SBUS control (PWM control optical)
Visible Light Camera	Sensor CMOS SIZE	1/2.8 inch 2M Pixels Wide CMOS SENSOR
	Optical Zoom	30 x HD optical zoom lens, f=4.5±10%~135±10%mm
	Focus time	Real-time fast focusing function, focusing time <1S
	Video output	Output RTSP IP video at 1080P and record video data in local TF card
	Field Angle (FOV)	D : WIDE 67.8°±5% TELE 2.77°±5% H : WIDE 59.8°±5% TELE 2.34°±5% V : WIDE 40.5°±5% TELE 1.48°±5%
	Support Mode	1080P 30fps
Laser Light	Laser type	Surface laser
	Excitation wavelength	860+10nm
	Light effect distance	≥800m
	Laser safety class	Class 3B
	Light angle	Far Angle 2.0° : effective distance ≥800 meters, spot diameter 28 meters Near Angle 70° : effective distance ≥80 meters, spot diameter 112 meters
	service life	More than 50,000 hours
Device size		165mm×165mm×159mm
Work environment		-10℃ to +55℃ / 20% to 80% RH
Storage environment		-20℃ to +60℃ / 20% to 95% RH
Weight		1066±10g

Connection Application Diagram

Electrical interface



No.	Name	Interface part	Interface type	Function
1	8PIN	Power connector	GND	GND
2		Power connector	5V	+5V output
3		Communication Interface	RxD4	Serial port receiving
4		Communication Interface	TXD4	Serial port sending
5		Communication Interface	DB-	Network interface
6		Communication Interface	DB+	Network interface
7		Communication Interface	DA-	Network interface
8		Communication Interface	DA+	Network interface

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