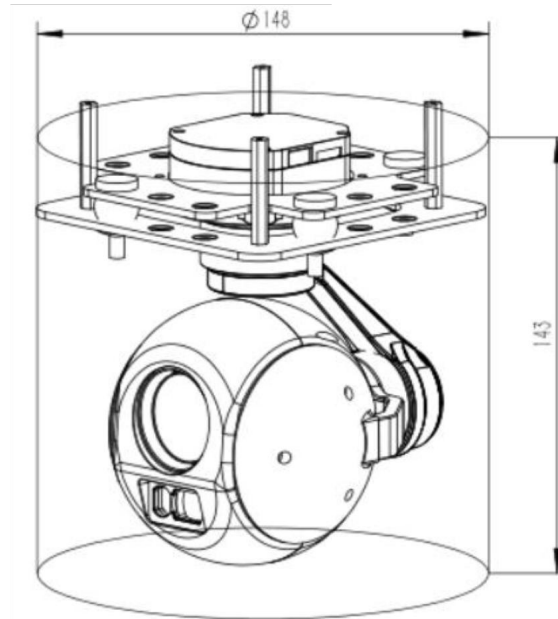


## Features

- 10x visible light
- 1200 meters laser ranging
- High-precision,high-  
collaboration control  
algorithm
- Digital zoom
- Weight 460g
- Provide ground station  
software

## Structure



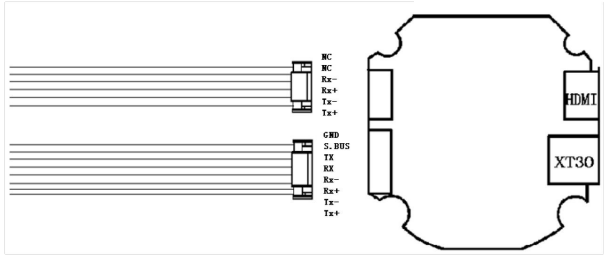
Target recognition and tracking	Minimum tracking target size:	16×16 pixels
	Minimum tracking target size:	16×16 pixels
	Minimum tracking target size:	16×16 pixels
	Minimum tracking target size:	16×16 pixels
Voltage		DC 12V-26.2V <sup>③</sup>
Power		Dynamic 6W
Features	Roll Angle	-45°~ +45°
	Pitch Angle	-30°~ +95°
	Yaw Angle	-295°~ +295°
	Pitch and Roll Jitter Angle	±0.02°
	Horizontal jitter Angle	±0.03°
	One-click to return to center	One-click to return to the initial position
	PTZ Speed adjustable	When the gimbal rotates, it performs speed adaptation based on the current speed mode and visible light camera multiple.
Visible light	Control mode	Support Network,IP ,Network Sbus control (PWM optional)
	CMOS size	1/2.8inch 200MP Effective pixels CMOS SENSOR
	Optical zoom	10x HD Optical zoom lens f=5.15±5%~47.38±5%mm
	Focus time	Real-time fast focusing function,focusing time<1S
	Video output	Network HD RTSP output 1080P,Video stream local TF storage
	Field of View (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%
	Support mode	1080P 30fps
LRF	Infrared Wavelength	905nm (class 1 laser)
	Measuring range	5~1200m
	Accuracy	±1m
Size		143mm×148mm
Working environment		-10°C to +45°C / 20% to 80% RH
Storage environment		-20°C to +60°C / 20% to 95% RH
Application		Drone Aerial Photography
Wight		460±20g

Target recognition and tracking	Minimum tracking target size:	16×16 pixels
	Maximum tracking target size:	256×256 pixels
	Maximum occlusion time:	2 seconds
	Maximum speed supported:	50 pixels/frame
	Maximum number of recognitions:	100
	Recognized categories:	people and cars
	Minimum recognized size:	32×32 pixels

notes③： Voltage:DC12V~26.2V， Please note that the instantaneous voltage of the power supply cannot exceed 27v。

Connection Diagram

Interface



No.	Item	Interface type	Interface definition	Function
1	6PIN	Communication Interface	NC	Reserved port
2		Communication Interface	NC	Reserved port
3		Communication Interface	Rx-	Network Interface
4		Communication Interface	Rx+	Network Interface
5		Communication Interface	Tx-	Network Interface
6		Communication	Tx+	Network Interface

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