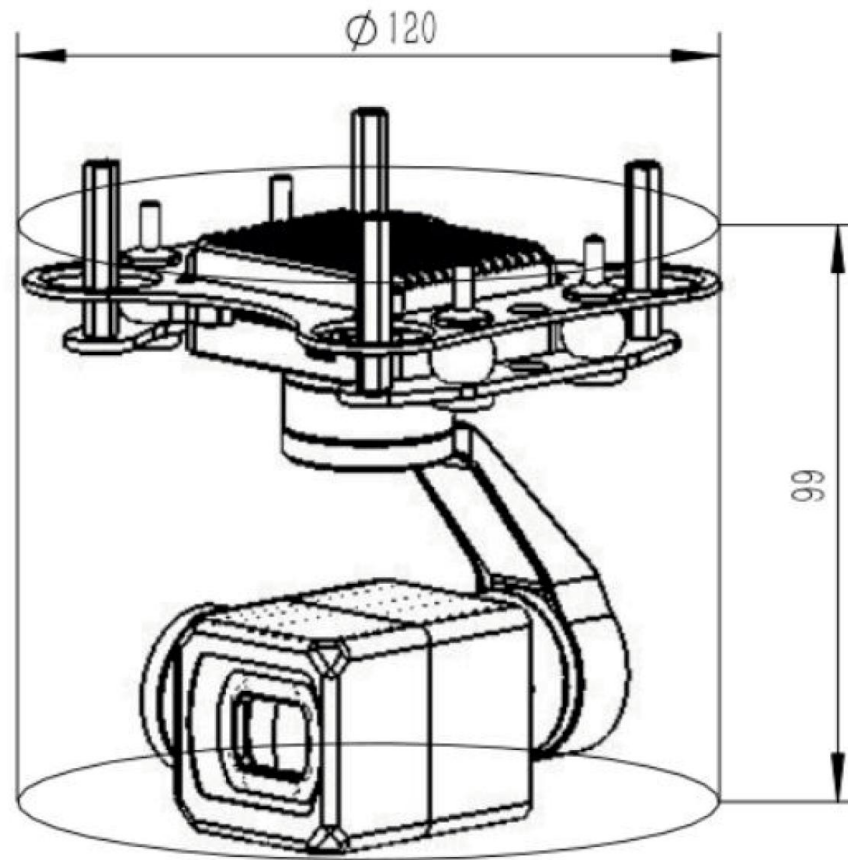


Functional Features

- High speed focus tracking
- RTSP stream output
- High precision control algorithms
- AI Target Detection and Tracking
- Provide integrated ground App
- Lightweight 210g

Device Structure



Note①: 45x hybrid zoom means 5x optical zoom+9x digital zoom.

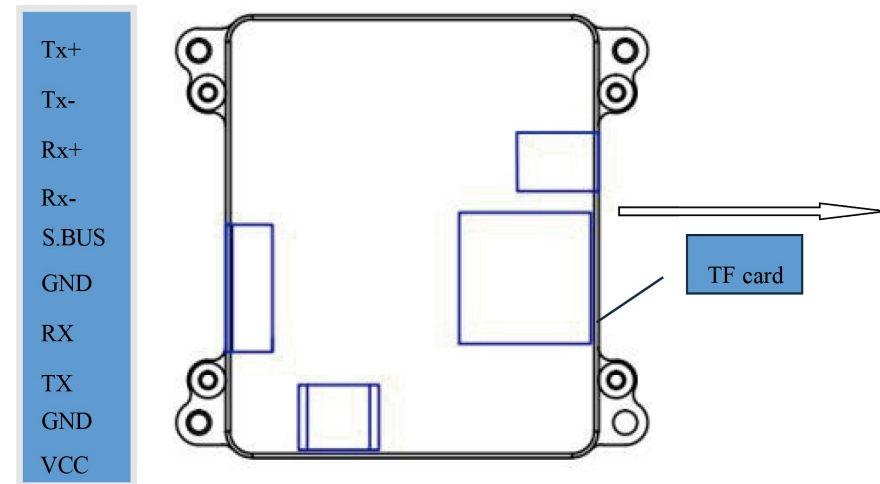
Note②: Serial port means 3.3V, LVTTTL UART.



Voltage		DC 12V-26.2V ^③
Power Consumption		Static 6W
Working Status	Roll angle action range	-45° ~ +45°
	Pitch angle action range	-45° ~ +120°
	Yaw angle action range	-145° ~ +145°
	Angle jitter in pitch and roll direction	±0.02°
	Horizontal angle jitter	±0.03°
	One click return function	One click automatic quick return to the initial position
	PTZ control speed adjustable	When the PTZ rotates, the speed is adaptive based on the current speed mode and the multiple of the visible camera.
Visible Light Camera	Control mode	Support network IP, S.Bus and Serial port control (Optional PWM control)
	SENSOR	1/3 inch 4MP CMOS SENSOR
	Optical Zoom	5x HD optical zoom lens, f=5±10%~25±10%mm
	AF Time	Real time focusing, fast focusing time < 1s
	Video output	Network RTSP 1080p output, video stream local TF storage
Field Angle(FOV)		D : WIDE 61.1° TELE 12.41° H : WIDE 50.12° TELE 10.81° V : WIDE 38.07° TELE 8.13°
Network support mode		1080P 30fps
HDMI Video		Micro-D HDMI 1080P 60fps
Target recognition and tracking	Min tracking target size	16×16 pixels
	Max tracking target size	256×256 pixels
	Target Memory Time	2 seconds
	Tracking speed	50 Pixel/Frame max
	Simultaneous detection qty	100 targets max
	Recognized categories	Human and Vehicle
	Min detection target size	32×32 pixels
Device Size		99mm × 120mm
Working Condition		-10°C to +45°C / 20% to 80% RH
Stored Environment		-20°C to +60°C / 20% to 95% RH
Main application		UAV aerial photography
Weight		210±10g

Connection Application Diagram

Electrical Interface



SN	Type	Interface type	Definition	Function
1	10Pin Socket	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	S. BUS input
6		Signal Ground	GND	GND
7		Communication interface	RX	Serial port receiver
8		Communication interface	TX	Serial port send
9		Power ground	GND	GND
10		Power interface	VCC	DC 12V-26.2V

* Due to product upgrade, appearance/size/weight/power consumption may change slightly, please contact sales for recent data.

CONTACT CHINA MONEYPRO GROUP NOW:

EMAIL: SALES@MONEYPROUAV.COM

MOBILE: +86-18126437260 (WHAT'S UP) MS. AMY LUO