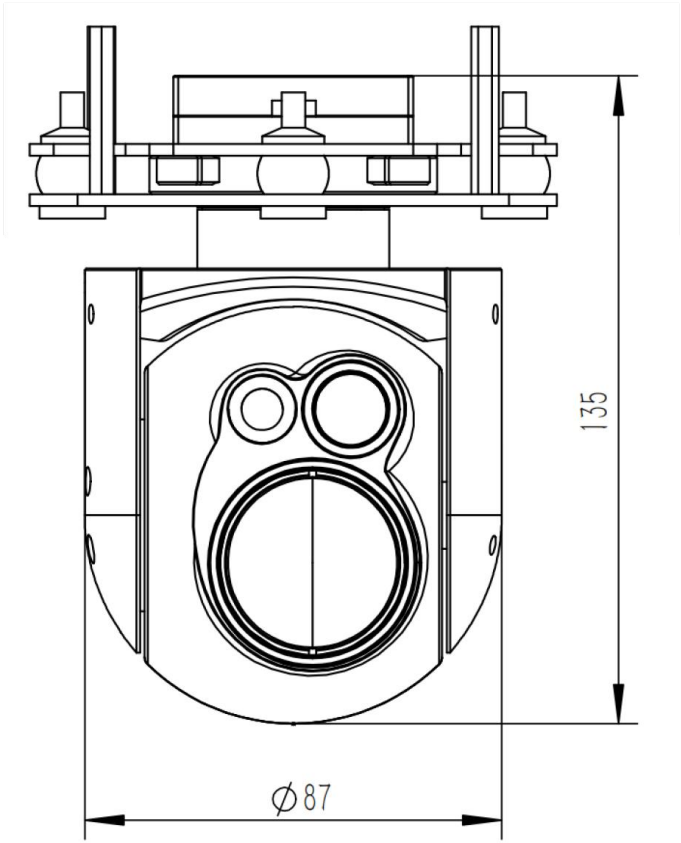
Features

- 4K EO+1080P EO
- 640×512 IR thermal
- IP output
- Support 9x/7x digital zoom
- 2-axis stabilization
- IP,Serial,SBUS control
- Picture-in-Picture
- TF Dual-recording,support NETW

Structure



Voltage		DC 12V-26 .2V②
Power Supply		Dynamic 6.6w
Specification	Yaw Angle	-20°～+180°
	Pitch Angle	360°
	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	When the gimbal rotates, the speed is adapted based on the current speed mode the visible light camera multiple.
	Control Modes	Support network IP control, S.BUS control, UART control (PWM control is optional)
4K EO	CMOS	CMOS SENSOR：8MP
	Dogital zoom	Suport 7x digital zoom
	Compressed storage mode	H264，H265,Video streaming local TF card storage 4K
	FOV	35mm focal-length, FOV： 10.1°x 7.6°
1080P EO	CMOS	CMOS SENSOR：2MP
	Dogital zoom	Suport 9x digital zoom
	Compressed storage mode	H264，Video streaming local TF card storage 4K
	FOV	6mm focal-length，FOV： 60°x 43°
IR Thermal	Resolution	640×512 pixel
	Pixel spacing	12μm
	Type	Uncooled vanadium oxide
	Wavelength range	8～14μm
	NETD	≤50mk@25℃@F1.0
	Video output	IP output
	FOV	45mm focal-length，FOV：9.8° ×7.8°
	Global temperature measurement	Support global temperature measurement, optional full-pixel temperature saving function
Tracking Identification	Minimum recognized size	16×16 pixel
	Maximum tracking target size:	256×256 pixel
	Maximum occlusion time	2s
	Maximum speed supported	50pixel/frame

	Maximum number of recognition:	100
	Recognized categories	Human and vehicle
	Minimum recognized size	32×32 pixel
Network output mode		1080P 30fps /4K 30fps
Size		φ:148mm H:136mm
Working environment		-10℃ to +55℃ / 20% to 80% RH
Storage environment		-20℃ to +60℃ / 20% to 95% RH
Application		UAV
Weight		510±10g

Remarks① ：Serial port：3.3V，LVTTL UART。
Remarks②：Voltage:DC12V~26V，can not beyond 27V。

Connection application diagram

No.	Modle	Interface type	Definition	Function
1	J30 port	Power	VCC	Positive power port（12V-26V）
2		Power	VCC	Positive power port（12V-26V）
3		Power	GND	Negative power port
4		Power	GND	Negative power port
5		Communication	TX	Serial port sending
6		Communication	RX	Serial port receiving
7		Communication	NC	Reserved interface
8		Communication	NC	Reserved interface
9		Communication	Rx+	Network
10		Communication	Rx-	Network
11		Communication	Tx+	Network

12		Communication	Tx-	Network
13		Communication	S.BUS	S.BUS
14		Communication	NC	Reserved interface
15		Communication	EGND	Signal GND

Model	Interface type	Function	Remarks
TF card interface	TF	Upgrade and store data	The memory card interface is on the sphere

CONTACT CHINA MONEYPRO GROUP NOW:
EMAIL: SALES@MONEYPROUAV.COM
MOBILE: +86-18126437260 (WHAT'S UP) MS.AMY LUO