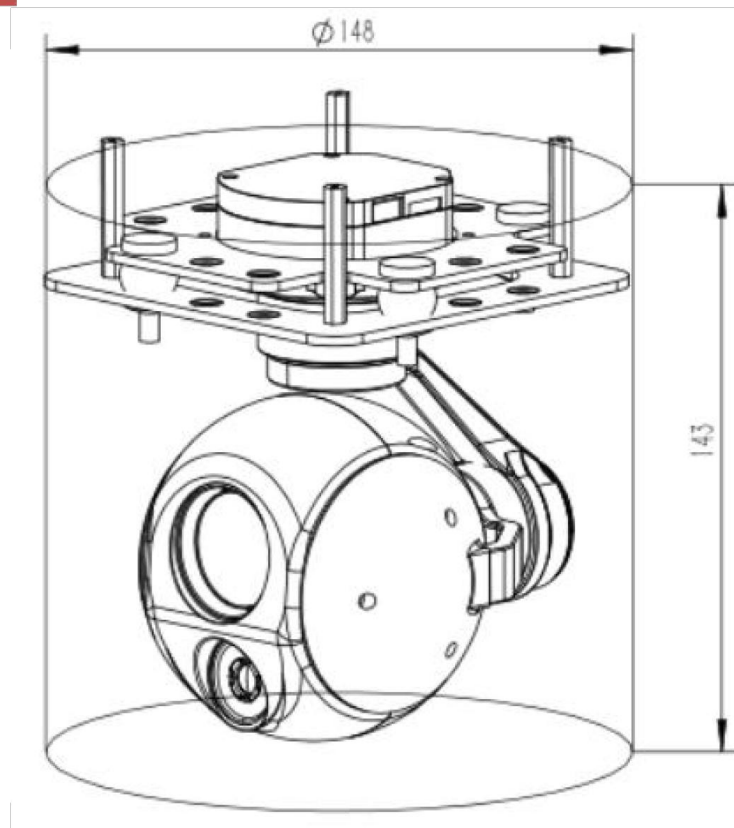


Functions

- 90X Mixed Zoom^①
- 256×192 Thermal Imagery
- 4 PIP Modes
- 10 Pseudo Color Patterns
- High Precision and Coordination Control Algorithm
- TF Card Supports Dual Recording; Internert Read and Write

Structures



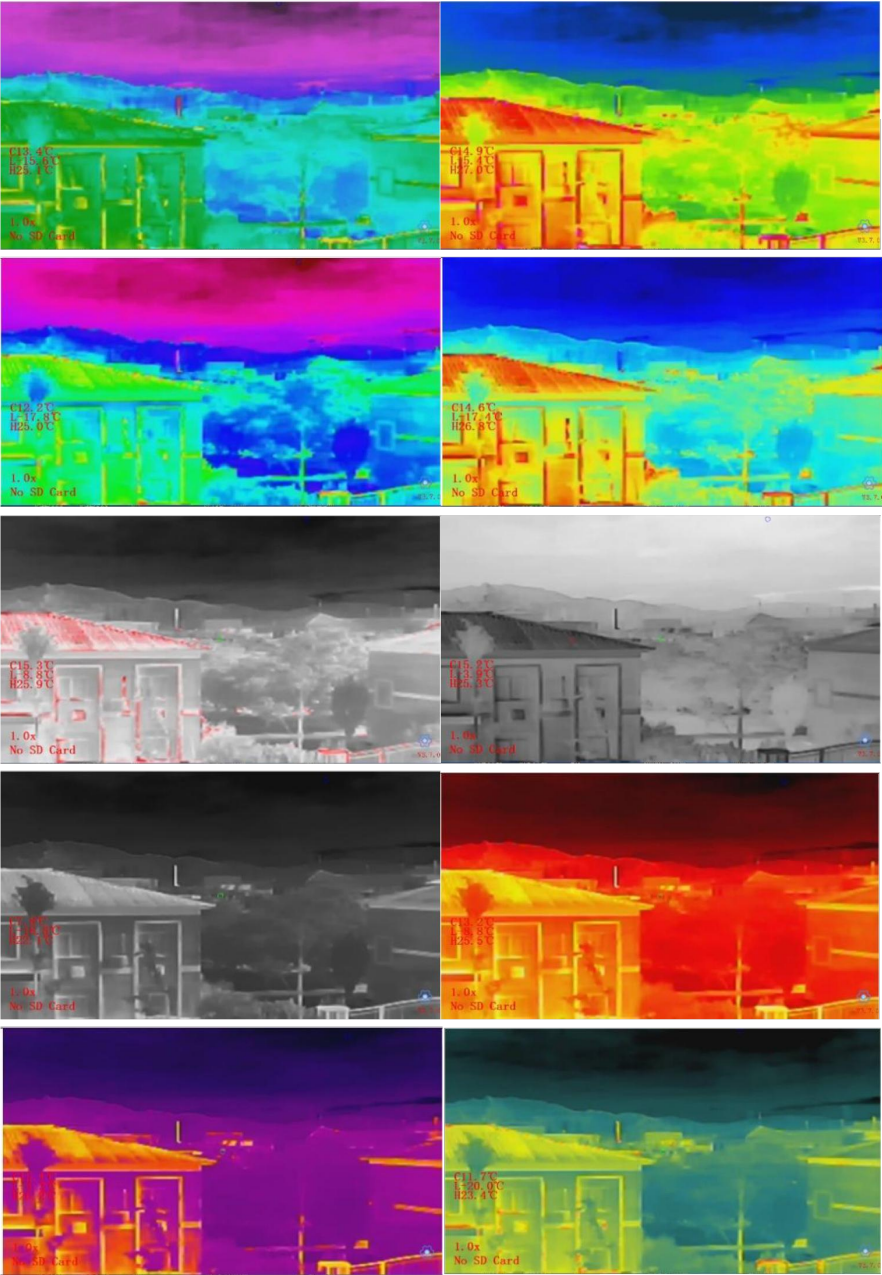
annotation^① : 90X mixed zoom means 10X optical zoom x 9X digital zoom

annotation^② : serial ports : 3.3V, LVTTTL UART。

		
Voltage		DC 12V-26.2V ^③
Power Consumption		Dynamic 6.5W
Working Status	Roll Angle	-45° ~ +45°
	Pitch Angle	-45° ~ +100°
	Course Angle	-280° ~ +280°
	Pitch and Roll Angle Jitter	±0.02°
	Horizontal Angle Jitter	±0.03°
	One-click Return Function	Quick return to initial position with one click
	Adjustable PTZ Speed	The current speed mode based on the multiple zoom of camera
	Control Modes	IP、UART、SBUS（or PWM for Option）
Visible Light Camera	Sensor	1/2.8"200M Pixels WDR CMOS Sensor
	Optical Zoom	10X HD Optical Zoom Lens: f=5.15±5%~47.38±5%mm
	Focusing Time	Real-time fast focus function; Focusing time <1S
	Video Output	Network HD RTSP output 1080P; Local TF storage
	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
Thermal Camera	DPI	256×192 pixel
	Pixel Spacing	12μm
	Type	Uncooled vanadium oxide infrared thermal imager
	Wavelength	8~14μm
	NETD	≤65mk@25℃@F1.0
	FOV	7mm lens, FOV: 25°× 18.8°
	Temperature measuring range (Optional)	Supports global temperature measurement (or Full pixel temperature saving function for option)
Device Size		φ: 148mm H:143mm
Working Condition		-10℃ to +55℃ / 20% to 80% RH
Stored Environment		-20℃ to +60℃ / 20% to 95% RH
Main application		UAV Camera
Weight		470±20g

annotation^③: The input voltage should be DC12V~26.2V and the instantaneous voltage should be below 27V.

Pseudo Color mode



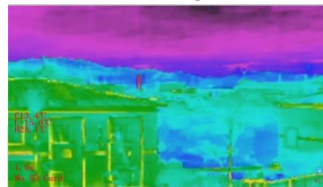
Picture In Picture mode



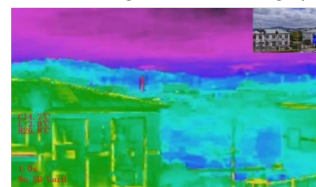
Visible Light



Visible Light+ Thermal Imagery

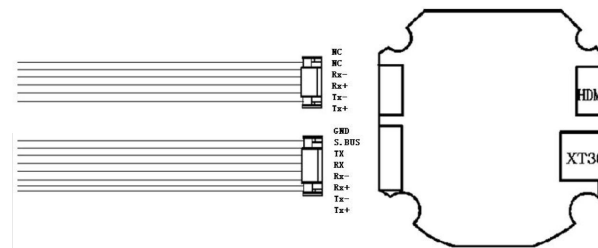


Thermal Imagery



Thermal Imagery+Visible Light

Connection Application Diagram



Item	Model	Interfaces	Definition	Function
1	6PIN Socket	Signal	NC	Reserved
2		Signal	NC	Reserved
3		Signal	Rx-	Network
4		Signal	Rx+	Network
5		Signal	Tx-	Network
6		Signal	Tx+	Network

Item	Model	Interfaces	Definition	Function
------	-------	------------	------------	----------

CONTACT CHINA MONEYPRO GROUP NOW:

EMAIL: SALES@MONEYPROUAV.COM

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