

MVT18R

Parameters

Features

- Support 6k photo.
- Supports 4k 30fps video storage.
- Support 640*512 infrared photo and video recording.
- Support infrared temperature measurement function.
- Support laser distance measurement, laser positioning function.
- 18x optical zoom, 144x hybrid zoom.

Visible Light

Video Resolution	4000*3000@25fps、3840*2160@25fps
Photo Resolution	8000*6000 48 MP、5160*3890 20 MP
Camera Lens	18x Optical zoom, F=6.8-120 mm Hybrid optical zoom: 25x
Digital Zoom	(Visible light at max. magnification) X2、X4、X8
Sensors	1/2" CMOS

Thermal Imaging Camera

Resolution	640*512
Wavelength range	8 ~ 14 um
Lens	Focal length 13 mm / F1.0 (Fixed focus without thermalization)
Temperature Measurement	Full-screen temperature measurement, Area temperature measurement
Temperature Range	-40°C~+150°C (High gain) -40°C~+550°C (Low gain)
Electronic Amplification	X2、X4、X8



General

Weights	1 kg
Video Transmission	Network 4K / 1080P
Tracking Functions	Support
Working Temperature	-20°C~60°C
Stockpile	128 G

Gimbal Parameters

Angular Jitter	±0.02°
Range of Rotation	Heading: ±150° / Pitching: -90°~+30°

Wide-angle Camera

Sensors	1/2" CMOS
Lens	6.83 mm
Angle of View	DFOV 79°
Photo Resolution	8000*6000 48 MP; 5160*3890 20 MP

Laser Ranging Parameters

Measuring Range	2000 m
Wavelength Range	905 nm
Laser Beam Spread	3.2 mrad
Laser Pulse Frequency	1 hz

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