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MS-7A3885-150

Long Range Multispectral PTZ Camera with Gyroscope

Features

- Sony IMX385 Starlight Ultra-Low Illumination Movement, 4K HD Super telephoto 50x Zoom
- Zoom Thermal Imaging
- Synchronous zoom
- High Sensitivity Laser Range finder
- Radar Linkage
- Gyro stabilized
- IP67 Anti corrosion
  Super Heat Dissipation Design
  Wiper

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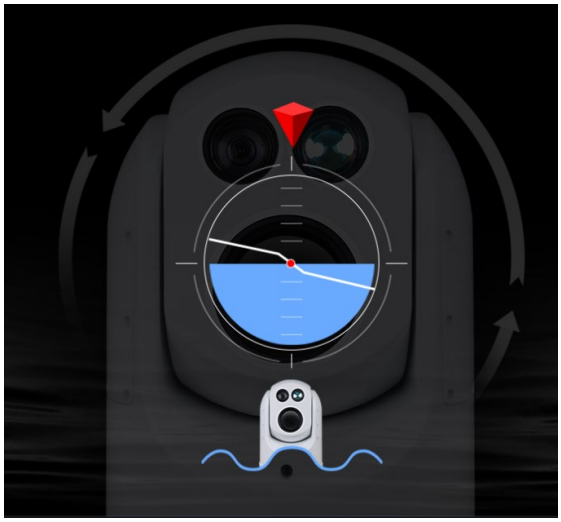
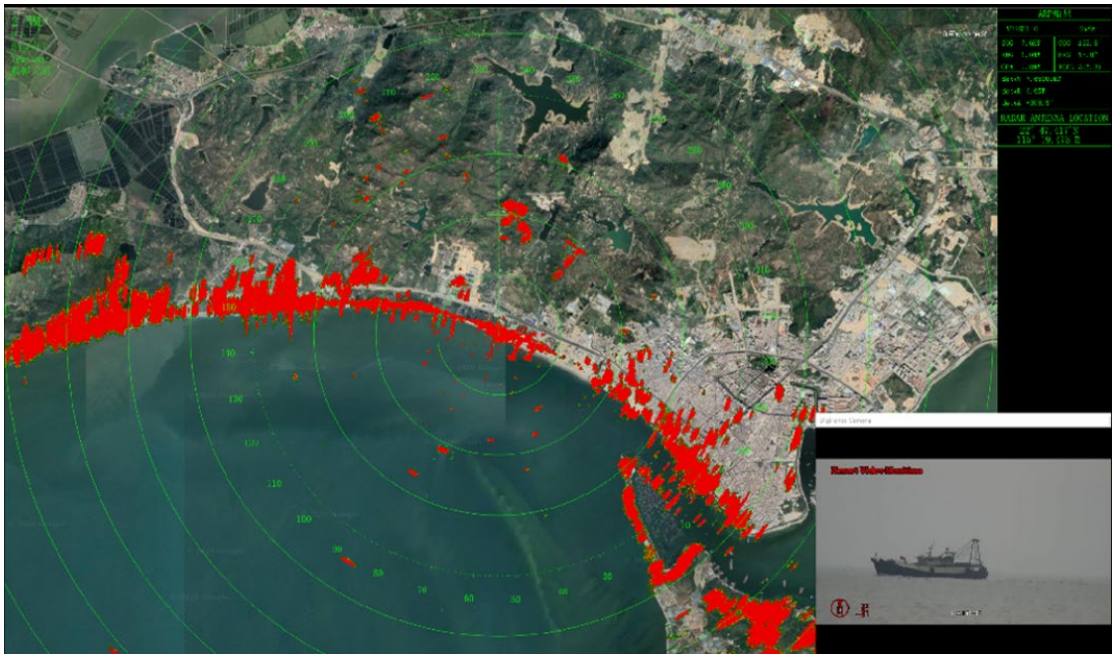


Gyroscope Stabilization

Thermal High Definition



Radar Linkage

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Specifications

Thermal Imaging Camera

Detector Type	Uncooled
Resolution	640x512
Pixel Spacing	12μm
Frame Rate	50HZ
Lens Focal Length	30 ~ 150mm
Digital Zoom	8X, 1.0-8.0 continuous zoom
F Value	F1.0 - F1.2
Field of View	2.93°~14.59°
Focus	Electric Continuous Focusing
Lens auto focus	Near and far targets can be automatically focused
Grayscale Alarm	Realize image tag alarm, serial communication alarm, IO alarm
Alarm response time	≤0.2S
Polarity	Black hot / White hot
Pseudocolor	Supported
Image Processing	DDE, AGC, DFNR
Rbrightness and Contrast Adjustment	Manual / Auto
Control Interface	RS-232/RS-485/UART/RS-422

Optical Camera

Sensor	Sony IMX385 Starlight Ultra-Low Illumination Movement, 8MP 50x 6 ~300mm; 1/1.8"
Video Compression	H.264 / H.265 / MJPEG
Color B&W Conversion	Auto Day / Night
BLC	Auto Day / Night
Lens Control	Electric Zoom
Focus	Auto Focus
Fog Compensation	Support
Interface Protocol	OnviF, GB28181

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PTZ

Horizontal Rotation Speed	Constant Speed 1° /s or variable speed 0-80°/s
Vertical Rotation Speed	Constant Speed 1° /s or variable speed 0-30°/s
Horizontal Rotation Range	-30°-+90°
Stabilization Method	Support 3D gyroscope stability. Resolution: Acceleration: 0.0005g, Angular velocity: 0.61°/s. Measurement accuracy: static 0.05°, dynamic 0.1°
Preset	255
Patrol Function	8 Patrols, each patrol include 8 presets
Wiper Function	Available
Cellular Communication 4G/5G	Optional
Operating Temperature	-40.0°C ~ +65.0°C
Working Humidity	0~95%,no condensation
Power Consumption	≤50W, including heater ≤100W
Power Supply	DC24V ±10% 10A
Product Weight	35Kg
Ingession Protection	IP67

Laser Range Finder

Ranging range	3500m
Wavelength	905nm
Ranging Method	Diode laser ranging
Effective objective lens aperture	20mm
Coating	Multi-layer coating
Magnification	5.8(6.8)x
Field of View	5.6(4.95)x
Diopter Adjustment Range	±2.5

Thermal DRI

Thermal Lens	**30 to 150mm**
Detection (Human: 1.8×0.5 m)	882 to 4,412m
Detection (Vehicle: 4×1.5 m)	2,706 to 13,529m
Recognition (Human: 1.8×0.5 m)	221 to 1,103m
Recognition (Vehicle: 4×1.5 m)	676 to 3,382m
Identification (Human: 1.8×0.5 m)	110 to 551m
Identification (Vehicle: 4×1.5 m)	338 to 1,691m

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Measurements (Unit:mm):