

# AresX™ Infrared Thermal Imaging

## Airborne Photoelectric Remote Tracking System



*AresX™ Airborne Photoelectric Remote Tracking System is equipped with high-resolution infrared camera and wide dynamic range CCD camera, integrated with laser ranging and lighting functions.*

*Combined with electronic stabilization and passive vibration reduction measures, it can effectively isolate swings and vibrations of its carrier.*

*The product can be used at any time in the harshest environment, whether rain, snow or fog days for observation, search and precision tracking.*

### SPECIFICATION

MODEL	CT-P1	
Thermal Imaging	Detector Type	Uncooled focal plane array
	Resolution	640×512
	Pixel Size	15 μm
	Wavelength Band	3-5 μm
	Focal Length	12.5 - 750mm, 60x power-driven zooming and focusing
Visible Light	CCD Pixels	1600×1200
	Focal Length	500mm power-driven continuous zoom
	Video Format	PAL (50Hz)
	Frame Frequency	50Hz
Laser Lighting	Laser Wavelength	808nm
	Effective Distance	1000m
Photoelectric Tracking Turntable	Pitch Angle	-15°C ~ 45°C
	Azimuth Angle	± 180°
	Electrical Interface	RS422
Power Supply	Voltage	DC24V
	Power Consumption	≤ 180W
Physical Characteristics	Protection Class	IP67
	Weight	≤60kg
	Size	∅ 400±5mm, Height 600±5mm

# AresX™ Infrared Thermal Imaging

*Airborne Photoelectric Remote Tracking System*

<b>Physical Characteristics</b>	Operating Temperature	-40°C ~ 60°C
	Storage Temperature	-45°C ~ 70°C
<b>Operating Distance</b>	Target	Ships
	Detecting Distance	30km
	Identification Distance	10km