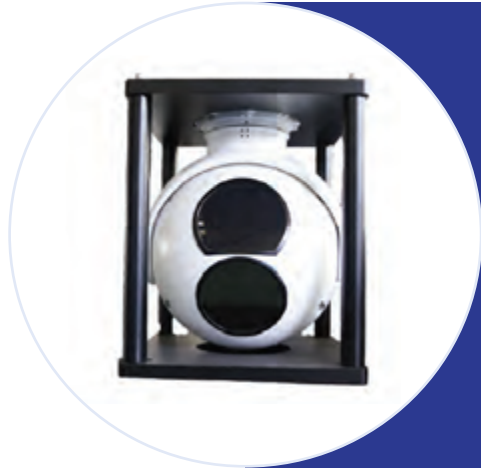


AresX™ Infrared Thermal Imaging

Light Photoelectric POD (UAV)



AresX™ Light Photoelectric POD (UAV) can provide visible light and infrared video images of standard definition; search and monitor ground, sea and air targets; stabilize visual axis on a moving carrier; can manually manipulate the movement of line of sight, lock the target and automatically track it, and automatically search the area set by the operator according to the predetermined path; can transmit the turntable status information via the 422 communication interface; receive commands sent by interface; perform online zero adjustment, drift correction and other maintenance operations.

SPECIFICATION

MODEL	CT-P2	
Detector	Detector Type	Uncooled focal plane array
	Resolution	640×512
	Pixel Size	17μm
	Wavelength Band	8 ~ 14μm
	Focal Length	45mm
	Field Angle	13.9°×11.2°
	Operating Distance	1.2km (humans)/5.6km (vehicles)
Ocular Lens	CCD Pixels	1920×1080
	Focal Length	4.3mm ~ 129mm
	Wavelength Band	0.4 ~ 0.9μm
	Horizontal Field Angle	63.7° ~ 2.3°
	Optical Zooming	30x
	Operating Distance	6.8km (humans)/30km (vehicles)
Photoelectric Tracking Turntable	Pitch Angle	-120° ~ 90°
	Azimuth Angle	360x°
Power Supply	Voltage	DC 12.8V ~ 25.2V
	Power Consumption	≤ 20W
Physical Characteristics	Protection Class	IP67
	Weight	≤ 2.1kg
	Size	∅ 141 * 189mm
	Operating Temperature	-40°C ~ 60°C
	Storage Temperature	-45°C ~ 70°C