

AresX™ Infrared Thermal Imaging Bi-Optical Intelligent Warning System



AresX™ Bi-Optical Intelligent Day and Night Warning System can clearly show the image of road ahead in night environment, haze and headlight glare and other conditions where the sight is limited or declines.

It helps the driver enhance the sight in absence of light or in low light to discover pedestrians, vehicles and obstacles in advance, and can effectively protect the driver and road safety and avoid obstacles when the visibility is poor.

SPECIFICATION

MODEL	CT-C3	
Infrared Detector Performance	Detector Type	Uncooled focal plane array
	Resolution	384 × 288
	Pixel Size	17µm
	Image Display	White hot/Black hot
	Wavelength Band	8 - 14 µm
	Detecting Distance	200m (human) ; 500m (vehicle)
Visibility Camera Performance	Image Sensor	HS761
	Sensor Pixels	1080 × 720
	Illumination	0.01 Lus (black and white)
	Focal Length	20 mm
	Field Angle	19° × 11°
	Detecting Distance	100m (human)
Image	Control Mode	WiFi
	Video Taking	Yes
	Video Output	PAL
	Frame Frequency	≥ 50Hz
Power Supply	Working Hours	≥ 8 Hrs
	Battery	Rechargeable standard lithium battery (3 18650 batteries)
Physical Characteristics	Size	81 × 58 × 56mm
	Weight	≤ 900g
	Operating Temperature	-40°C ~ 85°C
	Protection Class	IP67