AresX™ Infrared Thermal Imaging
Intelligent Warning System (Wired)

Hermesys

AresX™ intelligent warning system is an new driver assistance system. It enables the driver to get rid of the dependence on visible light and see a clear road image in the full dark. The night vision has 5 times the line of sight of standard vehicle headlamps. It can effectively improve the driver's visual range and prompt the presence of pedestrians. Intelligently discovering pedestrians within hundreds of meters and giving alarm to the driver, the device may help the driver discover potential dangers and reduce driving risks.

This product features small size, light weight, strong image stability, light structure, and easy mounting/dismounting without damaging the vehicle integrity.

SPECIFICATION

MODEL		CT-C1	
Operating Distance	Target	Human (1.8*0.5m)	Vehicle (2.3m*2.3m)
	Detecting Distance	500m	650m
	Identification	200m	300m
Detector	Detector Type	Long-wave infrared uncooled focal plane array	
	Resolution	384 * 288	
	Pixel Size	17µm	
	NETD	≤ 80mk	
	Wavelength Band	8-14µm	
Infrared Lens	Focal Length	19mm	
	Field Angle	35.5° * 27°	
	F Value	**0.8**	
Image	Nonuniformity Correction	No block technology, continuous video output	
	Intelligence Algorithm	**Image enhancement, pedestrian identification**	
	Video Output	PAL/NTSC/LVDS	
	Frame Frequency	≥ 50Hz	
Power Supply	DC Voltage	DC 12V	
Physical Characteristics	Size	81 * 58 * 56mm	
	Weight	≤ 400g	
	Operating Temperature	-40°C ~ 60°C	
	Storage Temperature	45°C ~ 65°C	
	Protection Class	IP67	