



All-time, all-weather, all secured.

Asens M series Automotive Infrared Night Vision System

Wants Global Distributors

# See clearly, for safety in journey

Xsafe is a powerful thermal night vision system that helps you see hazards clearly in total darkness and alerts you to nearby vehicles, people, and animals.

Xsafe detects heat without a need for light, allowing you to see up to four times farther down the road.

You'll have visibility through dust, smoke, or fog, and better capability to avoid an accident.



ADAS



Pedestrian Recognition



real shot

Model	M3	M6
Detector		
Sensor Type	VOx	VOx

Resolution	384×288	640×512
Pixel Pitch	12μm	12μm
Spectral Band	8~14μm	8~14μm
Frame Rate	25Hz	50Hz
NETD	≤50mK	≤50mK

#### Optics

Focal Length	9.1mm/6.8mm/4.4mm	9.1mm
Focusing Mode	Fix	Fix
Horizontal FOV	28.9°/39.3°/61.4°	48.7°
Spatial Resolution	1.319mrad/1.765mrad/2.72 7mrad	1.319mrad

#### Imaging

Frame Rate	50Hz	25Hz
Image Polarity	White/Black hot and 8 pseudo color	White/Black hot and 8 pseudo color
Algorithm	Automatic brightness contrast, DDE	Automatic brightness contrast, DDE
High Dynamic Range	14 bits raw	14 bits raw
System Performance		
Startup Time	< 5s	< 5s
Upgrade	Communication Port	Communication Port
Power		
Power Supply	POC: DC 12V	DC 12V
Power Consumption	< 0.75w(25°C)	< 0.85w(25°C)
	< 5W(Automatic defrost)	< 5W(Automatic defrost)

Interface				
Physical Interface	Fakra	USB	Fakra	USB
Vedio Protocol	GMSL	UVC	GMSL	UVC
Communication	I2C	I2C	I2C	I2C
External Synchronization	Support	No-Support	Support	No-Support
Environmental				

Operating Temperature	-40°C~+85°C	-40°C~+85°C	
Staging Temperature	-45°C~+90°C	-45°C~+90°C	
Ingress Protection	IP67、IP69K	IP67、IP69K	
Window	High-Impact	High-Impact	
Automatic defrost	Defaulted the hot function turn on when the window temperature is lower than 2°C, turn off when the temperature is higher than 7°C	Defaulted the hot function turn on when the window temperature is lower than 2°C, turn off when the temperature is higher than 7°C	
Physical			
Dimension	36×36×61.75mm	36×36×61.75mm	
Weight	~90g	~90g	

The data above are for reference only. Specifications in the marketed products shall prevail.

Product consulting

\* Message contents :

Mobile phone :

\* Country :

\* Product :

E-mail :

Submit

## CONTACT US

Marketing Dept.Email:sales@infray.com

HR Email:hr01@infray.com

Sales Hotline:[+86-400-998-3088](tel:+86-400-998-3088)

After sales hotline:[+86-400-883-0800](tel:+86-400-883-0800)

Address:11th Guiyang Street, YEDA,Yantai 264006,P.R.China

## IMAGERS

[Thermal Monocular](#)

[Phone Thermal Camera](#)

[Car Thermal Camera](#)

[Clip on Thermal Scope](#)

[Rico Thermal Scope](#)

[Tube Thermal Scope](#)

[Dual spectrum thermal imager](#)

[online monitoring thermal camera](#)

## MODULES

[Micro III Thermal Imaging Module](#)

[Mini Thermal Imaging Module](#)

[LT Temperature Measurement Module](#)

[FT Alarming Thermal Imaging Module](#)

[Phoenix Cooled MWIR Imaging Module](#)

## APPLICATIONS

[Infrared Thermography](#)

[Security Thermal Camera](#)

[Night Vision](#)

[UAV Thermal Module](#)

[Smart Phone](#)

[Automotive Thermal Camera](#)

Follow Us :





