

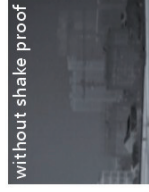
EX Night driving assistant system



Night driving assistant system

- ◆ 384x288 uncooled FPA detector
- ◆ Professional anti-shake image
- ◆ Adapt to the car environment
- ◆ Small, compact, easy to integrate
- ◆ Accessories complete, easy to install

EX series is a thermal imaging camera with 384 × 288 high resolution which is used in the field of vehicle, mainly in night vision environment for vehicle auxiliary observation target, allowing the driver to glare at night or in a clear way to observe the object.



Full-time, image stabilization



Application Diagram

Parameter

Item	EX
Detector characteristics	
Detector type	Uncooled FPA Detector
Pixels	384×288
Array size	25μm
Spectral range	8-14μm
Image characteristics	
Field of view/Min distance	24°× 1.8°/2m
Spatial resolutions(FOV)	1.3mrad
NETD	≤100mk@30°C
Frame	25Hz
Focus	2m~∞
Power System	
External power	DC 12V
Consumption	≤5W
Environment	
Operating temperature	-40°C ~ +60°C
Storage temperature	-45°C ~ +65°C
Encapsulation	IP56
Physical characteristics	
Weight	≤600g
Dimensions	130mm×65mm×65mm
Video output	PAL/NTSC or AV Interface
Interface	
Power	YES

▲ The information contained in this document is subject to change without notice