

## Universal Infrared Movement

Model: IFR-A-384×288/640×512



### Product features

Based on Broad micro / Arrow, resolution 384×288/640×512

Clear image, low NETD and MRTD (MRTD: 200mK~450mK)

Adopt scene adaptive image processing and detail enhancement algorithm

Strong environmental adaptability

(high and low temperature, impact resistance)

Rich user interface (Camera link, BT656, Lvds, etc.)

### Technical indicators

Item category	Basic parameters
Detector	Uncooled focal plane detector
Resolution	384×288/640×512
Cell Spacing	25μm/17μm
Working band	8μm-14μm
Power consumption	≤1.8W
Power supply range	DC 6V-15V
Start time	≤10s
Operating temperature	-40℃~+60℃
Storage temperature	-50℃~+70℃
Impact	Impact speed 150g~180g Frequency 7Hz, focal plane pixel damage rate after impact ≤0.2%, no continuous dead pixels in 1/2 center field of view
Shock	6.06g
NETD	≤50m(@F/1,25℃)
Frame rate	50 Hz
Video Output	Camera link, BT656, Lvds Etc. (Raw data and video data are



	optional)
Image display	
Image features	The image is stable, the details are rich, and there is no smearing; it performs well in special environments such as half the sky and extreme target temperature difference.
Main control functions	Manual background correction, etc.

