



High-resolution, ultra-compact, shutterless IR movement

Model: IFR-C-384×288/640×480



IFR-384×288



IFR-640×480

Product introduction

The high-resolution ultra-small blockless infrared core components developed by our company have two resolutions of 384×288 and 640×480. The new blockless technology based on the scene correction algorithm has clear product images, low NETD and MRTD, and full Low power consumption in temperature range (less than 1.0W@-40 to 60°C). Compact structure, small size (28mm×28mm), light weight (32g), strong environmental adaptability (high and low temperature, impact resistance), can meet diversified customer needs.

Technical indicators

Item category	Basic parameters
Detector	French PICO uncooled focal plane detector
Resolution	384×288/640×480
Frame rate	50Hz
Power consumption	≤1.0W @25°C
Power supply range	DC5-12V
Start time	≤4s
NETD	≤60mK(@F/1,25°C)
Video output	1 channel analog video output, PAL system (with driver); 1 channel digital video output (BT656)
communication method	RS232
Main control functions	Real-time image noise reduction function, reduce image background noise, can adjust contrast/brightness, 2x/4x electronic magnification, black heat/white heat/pseudo-color display, standard PAL system (75Ω); 1 analog video output; 1 Digital interface, standard RS232 serial port, manual replacement of dead point function, cursor display function. Infinite zoom, contour mode
Weight	≤32g (without lens)
Size	28mm×28mm×20.5mm (including shell)