



Cooled infrared movement

Model: IFR-I-640×512



Product introduction

640 refrigeration movement, using refrigeration medium wave 640*512 infrared focal plane detectors, with sophisticated image processing algorithms in a variety of Provides clear infrared images in ambient conditions, with digital andAnalog two-way output, can be widely used in security monitoring, car night video, temperature monitoring, etc.

Technical indicators

| Item category | | Basic parameter |
|----------------------|--------------------------------|---|
| Detector performance | Detector | Cooled Medium Wave Detectors |
| | Resolution | 640×512 |
| | Cell spacing | 15um |
| | Response band | 3.7um-4.8um |
| | NETD | ≤25mK |
| | MRTD [⊕] | 190mK(0.84cy/mrad) |
| | Start time | ≤10min(-40℃~+60℃) |
| Image mediation | Brightness/Contrast Adjustment | Range 0-100 |
| | Reticle | Type, color optional, show/close |
| | Polarity adjustment | Black hot/White hot |
| | Image mirroring | Flip Horizontal, Flip Vertical, Flip Axisymmetric, Freeze |
| | Electronic zoom | 1X/2X/4X |
| | DDE regulation | DDE grade (0-5) |
| | Scene-based algorithm | Open/Close |
| | Remove the lid algorithm | Open/Close |
| | Nonuniformity Correction | Single point / stop |
| | Histogram settings | Platform value, gray scale threshold |
| Electrical Interface | Analog output | PAL-SD (Standard definition) |
| | Digital output | CameraLink Agreement |
| | Communication Interface | RS422 |
| Power supply | Supply voltage | 12VDC |
| | Typical power consumption | 9.6W |



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|-------------------------------|---------------------------|------------------|
| Physical | Weight | 1.4kg |
| Specifications | Dimensions (without lens) | 165mm*192mm*92mm |
| Environmental characteristics | Operating temperature | -40°C~+60°C |
| | Storage temperature | -45°C~+65°C |

