



TH3240 Cooled Thermal Imaging Camera

Detector characteristic

- Type: HgCdTe cooled FPA detector
- wavelength: 3 ~ 5um
- Resolution: 320x256
- Pixel size: 30um

System characteristic

- System NETD: $\leq 20\text{mK}$ @ 25°C
- Startup time: ≤ 8 minute@25°C

Lens characteristic

- WFOV: 9.2°x7.3°
- NFOV: 2.3°x1.8° ($\pm 5\%$)
- F number: 2
- Focal length: 240/60mm
- Switching time: ≤ 2 seconds

Function

- Gain/Brightness adjustment: Manual & Automatic
- Enhancement
- Filter
- Electronic zoom: 2x
- Flip video
- Focus: Auto/Manual
- Black/White Hot

Physical characteristic

- Power supply: DC 27 \pm 3V
- Power consumption $\leq 14\text{W}$
- Video output: Pal, 75 Ω
- Remote control: RS422
- Display: External monitor
- Color: White
- Weight: $\leq 8\text{Kg}$
- Dimension: 414(L) x 156(W) x 180(H)mm

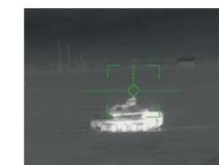
Environmental adaptability

- Operating temperature: -40°C~+60°C
- Storage temperature: -45°C~+65°C
- Vibration: MIL-STD 810F
- Shock: MIL-STD 810F



● Main application

Coast, board patrol, perimeter security, anti-craft, aiming for long distance observation and security



TH3240 Cooled Thermal Imaging Camera

TH3240 is high-performance and long-range surveillance cooled thermal imaging camera operating in the spectral band between 3um and 5um. It is widely utilized in the board observation, moving target surveillance in the land, sea and air especially under the rugged environment. It can be either fixed on the location of vehicle based or vessel based with high capability to the strong vibration and shock resistance. With the latest advanced electronic and optronic technologies, the camera can produce high-definition thermal images.

Product Introduction

The main feature

- Cooled FPA technology
- High-resolution image
- High electronic and optronic performance
- Electronic zoom
- Electrical motorized lens cover
- IP67 encapsulation
- Auto focus
- High homo optical axis

