



TH3275D Uncooled Thermal Imaging Camera

Detector characteristic

- Type: Amorphous silicon uncooled FPA detector
- wavelength: 8 ~ 14um
- Resolution: 384x288
- Pixel size: 35um

System characteristic

- System NETD: $\leq 85\text{mK}$ @ 25°C
- Startup time: ≤ 25 second @ 25°C

Lens characteristic

- FOV: 10.3°x7.7° ($\pm 5\%$)
- Focal length: 75mm

Function

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

Environmental adaptability

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

Physical characteristic

- Power supply: DC 10~15V Li-Ion, rechargeable battery 7.4V/2200mAh Li-Ion, rechargeable battery 7.4V/2000mAh (Wide temperature)
- Power consumption $\leq 4.5\text{W}$
- Video output: Pal, 75Ω
- Remote control: RS422
- Display: External monitor & Bi-ocular OLED
- Color: Black
- Weight: $\leq 1.5\text{Kg}$
- Dimension: 213(L) x 127 (W) x 114(H)mm

● Main application

Ideal for night surveillance, suppress smuggling, criminal investigation, searching application as well as day and night reconnaissance, monitoring



TH3075D Uncooled Thermal Imaging Camera

TH3075D is uncooled hand held thermal imaging camera support photo and video recording. It can replay the record at once in order to identify the target synchronously. It is widely utilized in the night for anti-aircraft, board patrol, and it can lock the target very fast. Long battery life and hand held characteristics make the observation much longer and easier. Furthermore, it can work under all-weather conditions.

Product Introduction

The main feature

- Uncooled FPA technology
- High definition thermal image
- High electronic and optronic performance
- Photo & video recording
- USB connection
- Long battery run time
- Electronic zoom
- OLED binocular display
- IP67 encapsulation

