

1123A Hand-held Thermal Imager

Applications

Night vision observation, rescue & search, patrol and surveillance

Functional characteristics

- 1.High mobility: small size, light weight, hand-held portability.
- 2.Multiple functions and controls: image display/record/download; image preview/delete; auto/manual NUC; auto/manual gain control; brightness control; positive/negative image display; electronic zooming
- 3.High environment adaptability and reliability

Technical data

Detectors: 320×240 uncooled FPA

Spectral range: 8~12μm

Lens: 65mm/F0.8 (customized)

NETD: ≤40mK @25°C

Detection distance: ≥1.2 km against individual persons;
≥ 2.4 km against vehicles;
≥ 5 km against medium sized ships

Focusing mode: manual

Video output: CCIR/LVDS

Storage capacity: 1000 IR images (extendable)

Operation temperature: -30°C~+60°C

Vibration resistance: as per GJB150

Packaging: IP54

Weight: ≤1.5 kg (with battery)

Dimension (mm) : 230×112×95

Power supply: built-in battery (continuous operation
time >4h), or external 6~9VDC power source

Electric interface: USB2.0 port for image download

Mechanical interface: Standard tripod thread interface