

ICI | T-Cam 80 - Security



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We are IR™

ICI | T-Cam 80 - Security

Our T-Cam 80 - Security is perfect for Police, Security Guards, Night Watchmen, Prison Guards, Mall Security, or Forest Rangers. Find Cars that have been running previously. Scan under parked cars without laying on the ground as well as search Buildings, Fence Lines, Sidewalks, Parking lots, & more. Track Hiding Criminals and locate Predators over 100 yds away, day or night. Avoid Light Blindness that can come from holding a Infrared Thermal Monocular Viewer to your eye. Features include 32x continuous zoom, ICI Dual Vision to overlay Visible and Thermal Images, Simple four-button design with intuitive interface, and Multiple video color palettes to enhance viewing. Comes with ICI Reporter Software.



Features

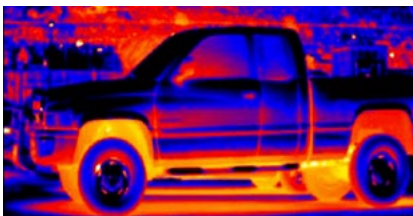
- ICI Dual Vision - IR and Visible
- Dual Temperature Range
- Single-Handed Operation
- Simple Four-Button Design
- Intuitive Interface
- 32x continuous zoom
- Customizable Emissivity + Presets
- Hot/Cold spot markers
- HDMI video out
- Built in Shutter
- Voice / Text annotation
- Light Weight / Portable
- Multiple Color Palettes
- Withstands Light Weather

Applications

- Security Monitoring
- Home / Building Security
- Airport / Airfield Surveillance
- Port / Coastal Surveillance
- Critical Infrastructure

Options & Accessories

- Heavy Duty Soft Carrying Case
- Handstrap
- Sun visor (Optional)
- AC charger/power supply
- Battery charger
- Micro SD Card, 8 GB
- WiFi Connectivity (Optional)
- ICI Reporter Software



Specifications

- **Detector Array:** Microbolometer
- **Pixel Resolution:** 80x80
- **Spectral Band:** 8 μm to 14 μm
- **Thermal Sensitivity (NETD):** < 0.05 $^{\circ}\text{C}$ at 30 $^{\circ}\text{C}$ (50 mK)
- **Accuracy:** $\pm 2^{\circ}\text{C}$
- **FOV:** 17 $^{\circ}$ x 17 $^{\circ}$
- **Focal Length:** 9 mm
- **Minimum Focal Distance:** 0.5 m
- **Frame Rate:** 50 Hz P-Series
- **Dynamic Range:** 14-bit
- **Temperature Range:**
Range 1: 0 $^{\circ}\text{C}$ to 350 $^{\circ}\text{C}$
Range 2: -20 $^{\circ}\text{C}$ to 150 $^{\circ}\text{C}$
- **Operation Range:** -15 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$
- **Storage Range:** -40 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
- **Display:** 2.8" Color LCD, 240x320
- **Digital Camera:** 5 MP
- **Focus:** Manual
- **Zoom:** 1x-32x continuous, digital zoom
- **Voice Annotation:** 60 Seconds/image
- **Text Annotation:** 60 Seconds/image
- **Video Format:** MP4, > 60 minutes
1280x960 @ 30 fps
- **Video Output:** Micro HDMI
- **Image Format:** JPG, > 6,000 images
- **Image Polarity:** White Hot, Black Hot, Iron, Rainbow
- **Data Transfer:** USB-mini 2.0
- **Memory Card:** MicroSD Card up to 8 G
- **Battery:** Li-ion, rechargeable
- **Operation Time:** 4 Hours
- **External Input:** DC 5V
- **Interface:** USB-mini, Micro HDMI, Audio
- **Drop Test:** 2 m
- 25 G Shock / 2 G Vibration
- **Environment:** IP54
- **Dimensions (with battery):** 224 x 77 x 96 mm (H x W x D \pm .5 mm)
- **Weight (with battery):** 500 g
- **Languages:** Multinational
- **Pixel Operability:** > 99 %
- Attached Camera Lens Cap
- Earphone Jack

