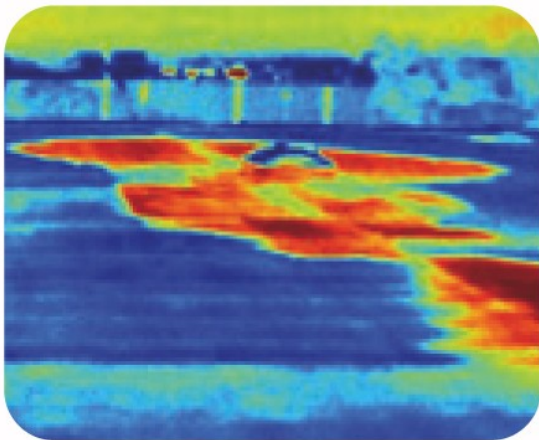


# XT-II ThermalCam



Our newest product, the XT-II Thermal Cam is a video rate, portable infrared camera with outstanding image quality, with a very affordable price point. The user can snap up to 150 high quality infrared images and easily prepare reports from the user's PC. It is sensitive to 1/10th of 1 degree, and can see/detect C-4 explosives on a suicide bomber. It is ideal for covert operations, search and rescue, crime scene investigations, vehicle enforcement and correctional facilities. It is hand-held, trigger-driven, and ergonomically sound.



## **XT-II THERMAL CAM SPECIFICATIONS:**

### **Imaging Performance:**

Dectector: Vanadium Oxide Uncooled Microbolometer (160x120 pixel array)  
Pixel Size: 50 um Square Pixels  
Spectral Band: 8 mm to 14mm  
NETD: <100 mK @ 30 degrees C>  
Cryogenic Cooling: None Required

### **Display & Image Storage:**

Digital Display: 3.5 inch LCD  
Digital Storage Medium: Internal Flash Memory with 150 Image Capacity  
Image Review Mode: Review Stored Images on Camera Display  
Image Transfer: Via RS-232/USB Connection to PC with Supplied Software

### **SightView(tm) Software:**

Image File Format: Transferred as PGM format and Saved as JPEG or BMP (Microsoft Word Compatible)  
Colorization: Multiple Palette Choices Available

### **Standard Optics:**

20mm f/0.8 Germanium: Field of View: 23 degree Horizontal, 17 degree Vertical (other lens options available)  
IFOV (m rad): 3.0

### **Interfaces:**

Image Transfer: RS-232  
Video Output: RS-170 NTSC

### **Electrical:**

Battery: NiCd 12V 2Amp with an estimated 3 hrs. Battery Life

### **Physical Dimensions:**

LxWxH: 5x3.5x11 Inches  
Weight (with battery): 4.12

### **Standard Equipment:** Rechargeable Batteries

Battery Charger  
Neck Strap  
Lens Cap  
Heavy Duty Carrying Case  
SightView(tm) Software  
Operational Manual  
RS-232 to USB Adaptor

For More Information, Please Contact:

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