

# AEMC 1950 Thermal Infrared Camera

## Featured Product



- AEMC 2121.40 Model 1950 Thermal Imaging Infrared Camera is safe and reliable for real-time non-contact thermal inspection of a selected area and capturing thermograms.
- Continuous battery operation of 13 hours
- Quick startup in under 3 seconds
- Focus free quality of thermal & digital images
- 20 degrees x 20 degrees field of view
- 2.8" graphic display (320x240 pixels)
- Temperature measurements from -4 degree F (-20 to 250 degree)C)

## Functions

This camera provides a wide 20 x 20 field of view with an IFOV special resolution of 4.4 mrad.

Focus free quality.

Accurate temperature measurement over the full range.

Audio narration can be recorded with thermograms.

Automatic non-uniformity temperature correction.

Measurement data can also be stored with each thermogram.

Offers broad range of operational capabilities.

CAMReport software.

This camera is built to last.

Exceptionally long 13 hour battery life.

## Simple to use

The Thermal Imaging IR Camera Model 1950 is a simple-to-use "focus free" instrument.

1. Features a 20 degree x 20 degree field of view.
2. The camera can be used as a real-time viewer for detecting hot spots and other thermal anomalies.
3. Thermal images (also known as thermograms) can be recorded and stored on the instrument.
4. You can also add audio comments and measurement data (provided by a compatible clamp-on meter or multimeter) to the stored image files.
5. The instrument features Bluetooth technology for connecting to measurement instruments and a headphone for recording narration.



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## IR Detector

**Type:** UFPA microbolometer

**Spectral Range:** 8-14um

**Resolution:** 80x80

## IR Imaging Performance

**NETD:** 80mK at 86F (30C) (0.1 at 30C)

**Frequency:** 9Hz

**Field View:** 20 x 20

**IFOV (Spatial Resolution):** 4.4mrad

**Min Focal Distance:** 15.6" (0.4m)

## Focusing

**Adjustment:** Focus free

## Visual Image

**Built-in Digital Video:** 210 x 240 pixels

**Min Focal Distance:** 2" (0.05m)

## Presentation of Images

**Images Displayed:** Infrared real image

**LCD Screen:** 2.8" (7.1cm)

**Image Display:** Multiple palettes selectable

## Specifications