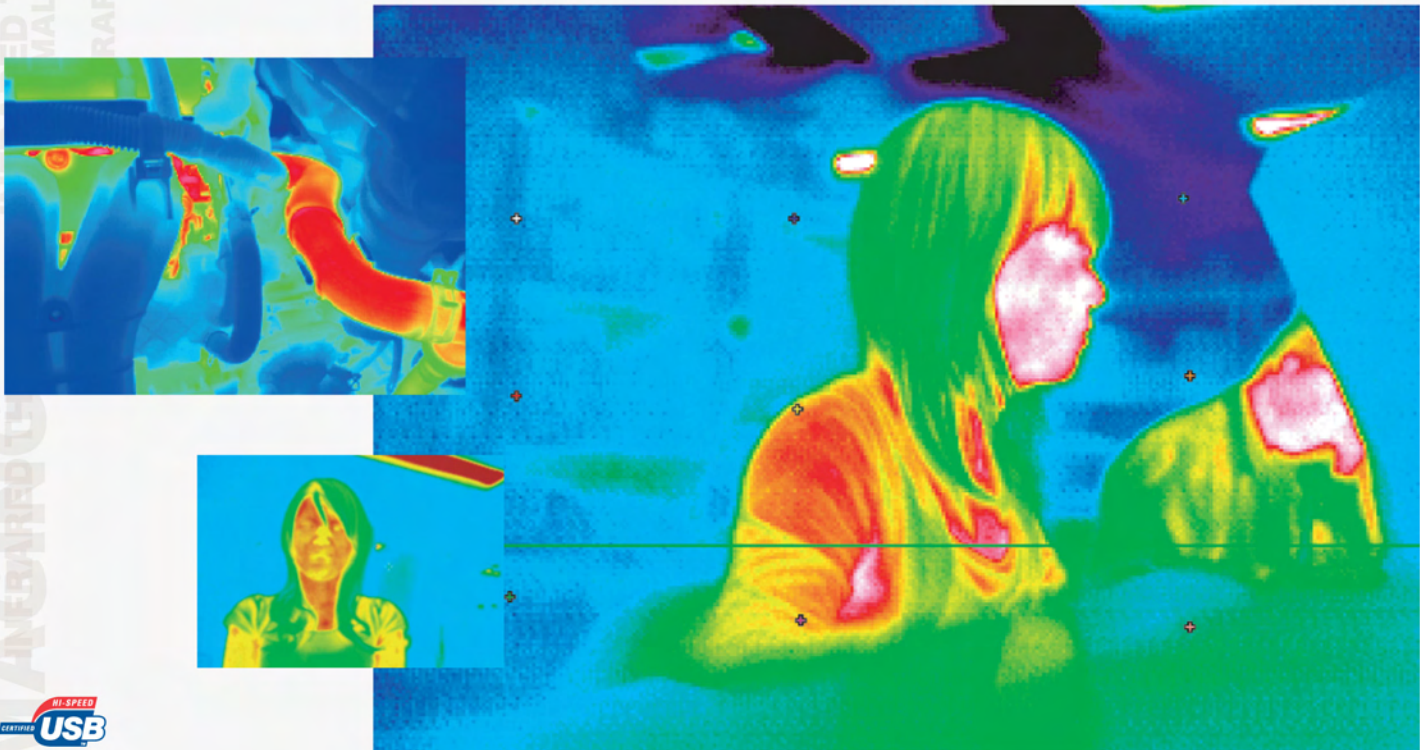


# INFRARED THERMAL IMAGING

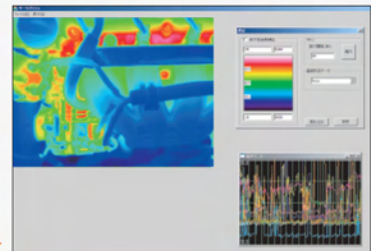
## USB2.0 CAMERA

### ARTCAM-320-THERMO



ARTCAM-320-THERMO Infrared thermal imaging camera is not required image input board to transfer an image. A thermal image directly transfer to a PC by USB interface. You also can directly collect microbolometer's RAW data (14bit).

Actual ARTCAM-320-THERMO viewer →



- QVGA 320(H) × 240(V) 25FPS
- USB2.0(14 bit digital output)
- Unti-Cooling Microbolometer Sensor
- 65(W) × 65(H) × 120(D)mm
- Measure Range : ±10%
- L Range -40°C ~ 150°C
- H Range 0°C ~ 540°C

#### Main Specification

Detector	: Unti-Cooling Microbolometer (Built in peltier device)
Sensor Manufacturer	: NEC
Effective Pixel	: 320(H) × 240(V) 25FPS
Pixel Pitch	: 23.5 μm
Scanning Way	: Progressive Scan
Detected Wavelength	: 8 ~ 14 μm
Lens Vision Angle	: 50°(H) × 37°(V)
Focus Range	: 1m ~ ∞
Device	: USB2.0(14 bit digital output)
USB Standard	: USB2.0 Bulk Transfer, Streaming Output
Dimension	: 65mm(W) × 65mm(H) × 120mm(D)
Power	: +12V 1A Outside DC provider
Running Temperature	: -20°C ~ 50°C Humidity Under 80% (No Water)

- WINDOWS XP, CPU Over 2.8GHz is recommended
- Device Driver / Viewer Software are provided
- Software Development Kit (SDK) is provided (Option)

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