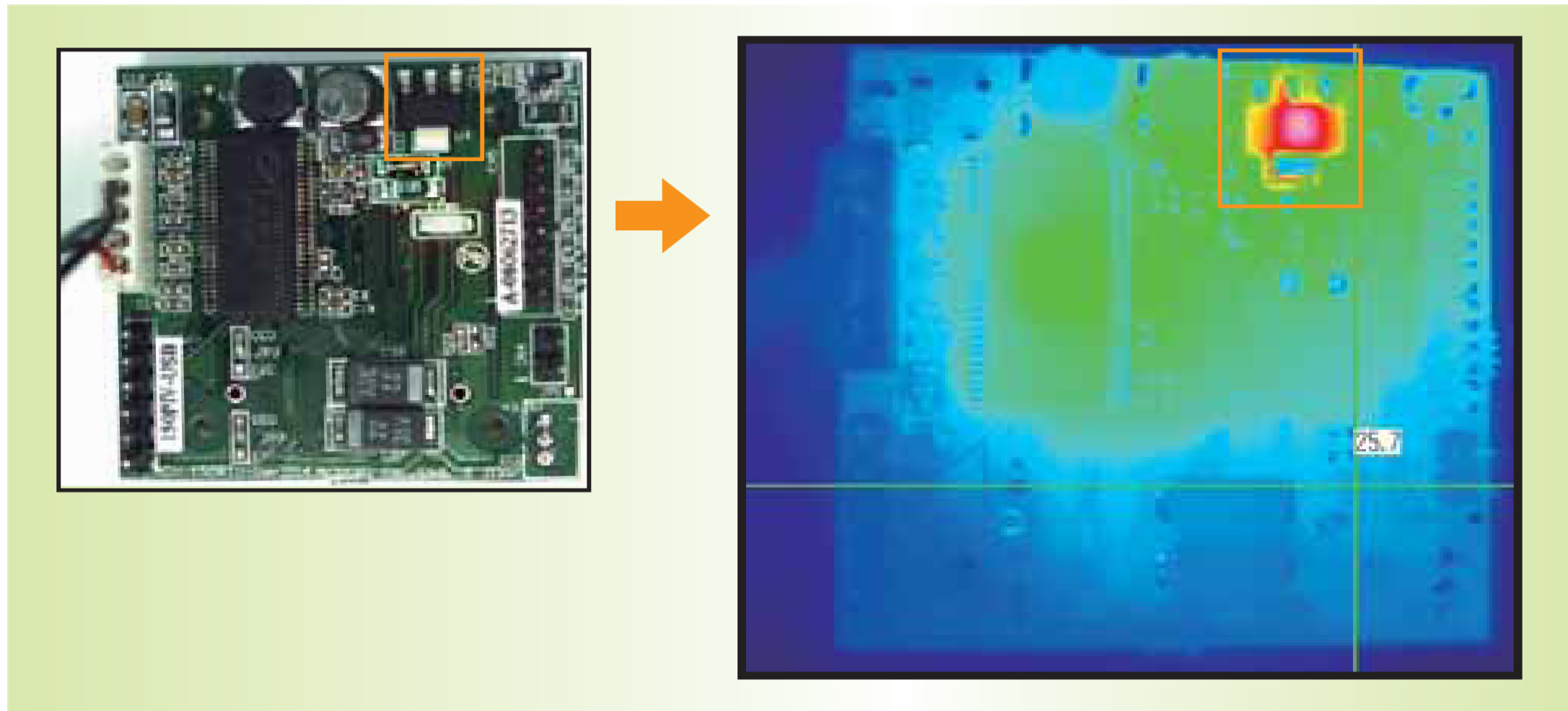


# INFRARED THERMAL IMAGING

## 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).



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

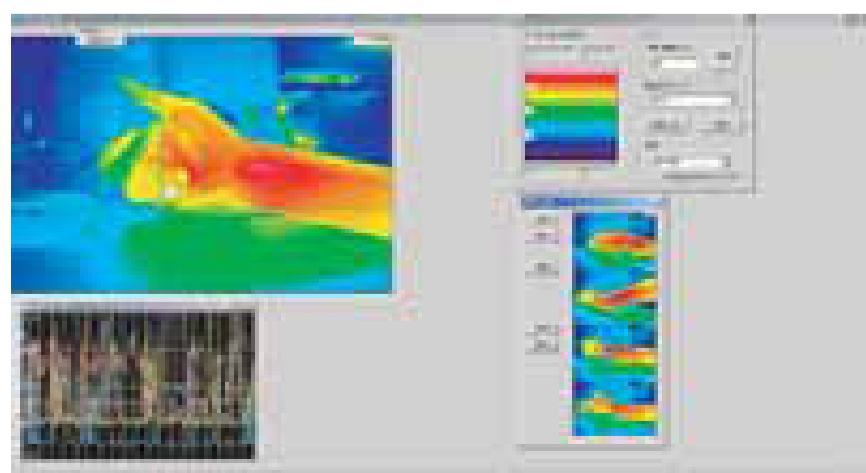
H Range 0°C ~ 540°C



### 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
Transfer Method	: 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, VISTA / CPU Over 2.8GHz is recommended
- Device Driver / Viewer Software are provided
- Software Development Kit (SDK) is provided (Option)
- Provided lens is f=8mm. f=16 is available (Option)



▲ Actual ARTCAM-320-THERMO viewer

Coming Soon!  
VGA Size

### ARTCAM-640-THERMO

Effective Pixel	: VGA 640(H) X 480(V)
Pixel Pitch	: 23.5 μm
Temperature Control	: 75mK(F/1.30Hz L Range)
Percentage of Defective Image	: < 2%
D Range	: 2 Range (L : 150°C, H : 540°C)

