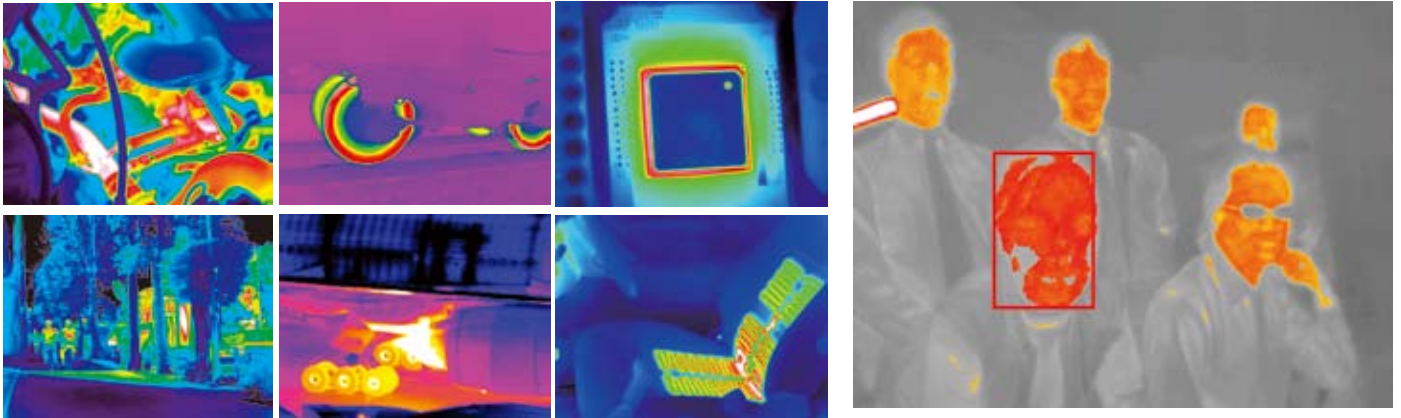


# Thermal Infrared Camera

ARTRAY Thermo Camera series is equipped with USB2.0/Ethernet interface that transfers 14 bit high speed raw data collected by microbolometer directly.



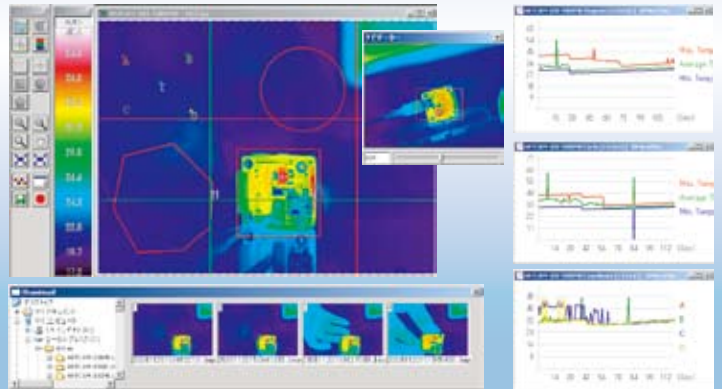
## VGA Size

USB2.0

**ARTCAM-640-THERMO-WOM**



## ART-THERMO Viewer software



- OS : Windows XP / VISTA / 7 / 8
- CPU : Avobe 2.8GHz

## QVGA Size Ethernet USB2.0

**ARTCAM-320-THERMO-WOM**



LAN Interface Available  
ARTCAM-320-THERMO-LAN3

150~1200°C  
**ARTCAM-320-THERMO-H1200**

High Temperature Range Type

**ARTCAM-640-THERMO-WOM**

Resolution : VGA 640(H)x480(V)  
Field of View : f=50mm: 17°(H)x13°(V) (Option)  
Dimension : 82(W)x85.5(H)x120.5(D)mm

**ARTCAM-320-THERMO-WOM**

Resolution : QVGA 320(H)x240(V)  
Field of View : f=8mm: 50°(H)x37°(V)  
Dimension : 72(W)x61.7(H)x115.8(D)mm

**Common specification**

- Sensor : Uncooled Microbolometer(Built in peltier device)
- Frame Rate : 60fps(USB) / 30fps(Ethernet)
- Pixel Pitch : 23.5 μm
- Output : 14bit digital output
- Interface : USB2.0 Bulk transferred streaming output
- Power Supply : DC12V/1A
- Tunning Temperature : 0~35°C Below80%(No condensing)
- Temperature Accuracy : Max value of either ±5% or ±5°C of readings.
- Dynamic Range : L Range: -40~150°C, H Range: 0~540°C
- Attached Items : Device driver, Viewer software, AC adapter, USB/LAN cable
- Options : Software development kit(SDK)
- IR Lens (Germanium):
  - \*ARTCAM-640-THERMO f=15mm, 50mm, 100mm
  - \*ARTCAM-320-THERMO f=16mm, 25mm, 35mm, 75mm, 100mm
  - Ultra wide lens 70°, 90°, 120°



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