

# Thermal Infrared Microscope

# ARTRAY

## ARTCAM-320-THERMO-MACRO

It is a microscope model of our thermal camera, ARTCAM-320-THERMO.

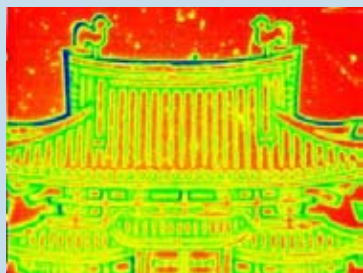
It shows thermal images ranging from 0 to 300.

The high-functioning lenses are made specifically in Japan for the camera.

Lens (5 Types)

- 4.00x
- 3.10x
- 2.35x
- 1.25x
- Zoom type : 0.25 ~ 0.8x

### Sample Images

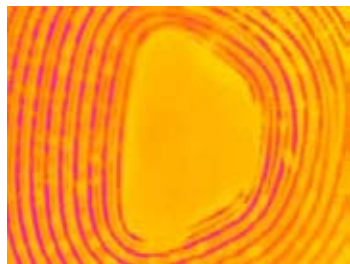


10yen coin

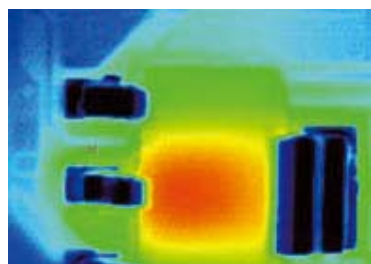
1.25x



4.00x



Coil



Printed circuits board



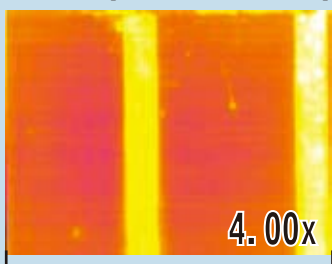
### Specifications

Effective Pixels	QVGA 320(H) × 240(V)
Sensor	Uncooled Microbolometer (Built in peltier device)
Frame Rate	30fps
Pixel Pitch	23.5 μm
Detected Wavelength	8 ~ 14 μm
Output	14 bit digital output
Interface	USB2.0
Temperature Range	0 ~ 300°C
Power Supply	DC12V(AC adapter)

OS : Windows XP or above

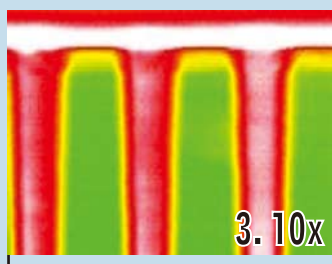
CPU : 2.8GHz or above

### Ruler (1 scale = 1 mm)



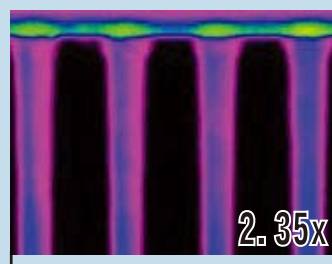
4.00x

Approx. 1.8mm



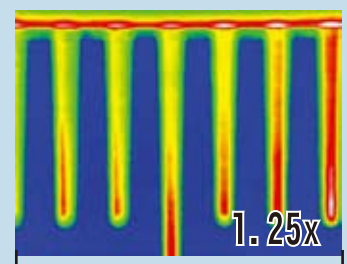
3.10x

Approx. 2.5mm



2.35x

Approx. 3mm



1.25x

Approx. 6mm



TUV100 01 0310

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• ARTCAM is ARTRAY's registered trademark.

• We might change product's specifications without announcement. Sorry for inconvenience in advance.