

EHD IMAGING GMBH

Thermal-Camera

Compact USB2.0 640x480 Pixel Microbolometer Camera System

EHD-640Thermo

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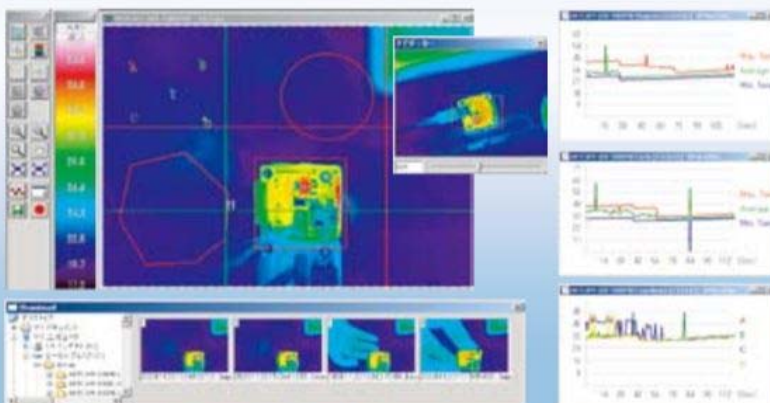
Key Features:

- 640x480 Pixel
- Microbolometer
- 8-14 μ m
- 60 fps
- USB2.0
- Viewer Software

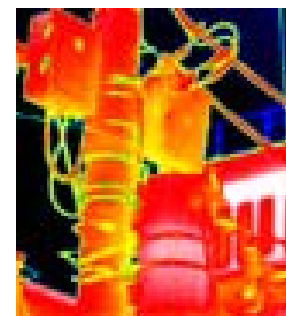
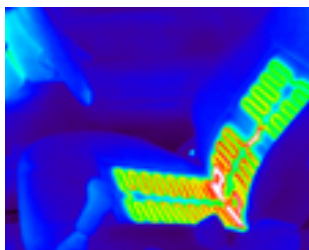
Optional:

- SDK
- Germanium Lens
f=15, 50, 100mm

ART-THERMO Viewer software

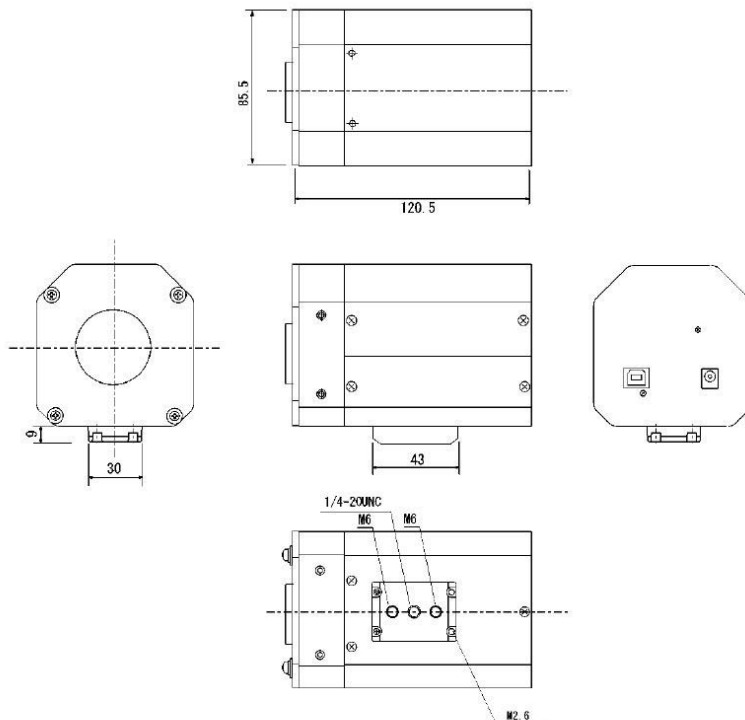


- OS : Windows XP / VISTA / 7 / 8
- CPU : Avobe 2.8GHz



Specifications: EHD-640Thermo

Image Sensor	Uncooled Microbolometer (build in peltier device)
Resolution	640 x 480
Pixel Size (H x V) μm	23.5 x 23.5
Field of view f=50mm (optional lens)	17° (H) x 13° (V)
Temperature Accuracy	Max value of either +/-5% or +/-5°C of readings
Temperature Resolution	L Range <75mK / H Range <300mK
Thermal Time Constant	16ms (typ)
Output	14bit
Frame Rate	60 fps
Lens Mount	special
Operation Temperatur	20°C ~ 35°C
Power Source	12VDC
Power Consumption	<10W
Dimensions (WxHxD) mm	82.0 x 85.5 x 120.5 mm
Weight (without lens)	0.7 Kg



*Optional lens and lens mount are available upon request.