



# Thermal Imager



## Specifications

- Field of View (FOV): 42° x 32°
- Spatial Resolution: 2.6mrad
- NETD: <math><0.1^{\circ}\text{C}</math>@30°C/100mK
- Image Frequency: 25Hz
- IR Resolution: 160x120
- Focus Mode: Focus free
- Camera: 2M pixel
- Focal Plane Array(FPA) Spectral Range: Uncooled microbolometer/8-14um
- Monitor: 2.8" TFT LCD, 240x320 pixels
- Object Temperature Range: -20°C to 400 C
- Accuracy :  $\pm 2^{\circ}\text{C}$  or  $\pm 2\%$  of reading
- Spotmeter: Center Spot
- Automatic Hot/Cold Detection: Auto hot or cold markers
- Emissivity Correction: 8 pre-define level and Variable from 0.01 to 1.0
- Storage media: 4GB eMMC or 8GB SD card
- Color Palettes: IRON, RainBow, Grey, GreyInverted, Brown, Blue-red, hot-cold, Feather
- Battery: Li-ion battery, 4 hours operating time
- Input Voltage: DC 5V
- Operating Temperature : -20°C to 50 C
- Storage Temperature: -40°C to 70 C
- Humidity(operating and storage): 10% to 90%
- Waterproof: IP54



2.8" TFT LCD  
240x320



Auto Fusion



Wide Measurement  
Temp. Range



Non-Contact  
Measurement



Recording & Photo



Waterproof  
IP54



## Price

DKK	SEK	NOK	EUR
3.899,00	6.299,00	6.299,00	515,00

\*Note: VAT Not Included

## Feature

- Large 2.8" LCD display (240x320) with 160x120 IR resolution offers exceptional image clarity
- Full Screen Temperature Measurement: Measure temperatures across the entire image for comprehensive analysis
- 25Hz High Infrared Frame Rate: Capture dynamic thermal events with exceptional clarity
- AUF technology combines visible light and thermal for unmatched image detail and accuracy
- WiFi communication with *Thermview Pro* app for picture synchronization, sharing, and report sending on mobile phones
- Wide Temperature Range: Measures objects from -20°C to +400 C
- Image Fusion Alignment: Adjusts field of view for perfect alignment and clear image fusion
- Full Range Scanning & Tracking: Scans the entire field of view with automatic high-low temperature tracking
- 8 Color Palettes: Switch between 8 color palettes for optimal viewing based on application or preference
- Versatile Applications: Ideal for predictive maintenance, equipment troubleshooting, and operational verification



MADE IN CHINA

**Packaging**  
20 pcs / Carton

ZMG106



5 712563 001060



DISTRIBUTED BY:  
CEPELO A/S  
Nibevvej 54  
9200 Aalborg SV  
Denmark  
+4598180900  
Info@cepelo.dk  
www.cepelo.dk