



**Product Datasheet**

**ENGLISH**

**Stock No: 201-8065**

**Smart Thermal Camera**



## Specifications

### Imaging & Optical

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|                           |                      |
|---------------------------|----------------------|
| Thermal Resolution        | 206x156              |
| Wavelength                | 8 ~ 14 $\mu$ m       |
| Frame Rate                | 9Hz                  |
| Field of View, Horizontal | 35.4°                |
| Field of View, Vertical   | 26.8°                |
| Shutter                   | Automatic            |
| Focus Mode                | Manual               |
| Minimum Focus Distance    | Typical 0.5m, Max 1m |
| Detection Range           | 330m                 |
| Recognition Range         | 83m                  |
| Identification Range      | 48m                  |

### Measurement

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|                          |   |
|--------------------------|---|
| Measurement Range        | -10 to 330°C(14to626°F)   |
| Accuracy (-10 to 100°C)  | ±5°C(±9°F)  |
| Accuracy (100 to 330°C)  | ±5%   |
| Thermal Sensitivity/NEDT | at f/1.0Typical 50mk; Max70mk<br>at f/1.2Typical 70mk; Max100mk |

### Environment

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|   |                          |
|---|--------------------------|
| Operating Temperature                   | -20 to 60°C(-4 to140°F)  |
| Storage Temperature<br>(Non-Condensing) | -20 to 80°C(-40 to176°F) |
| Operating/Storage Humidity              | ≤ 80%                    |
| Mechanical Shock                        | Drop from 2m             |

### Common Features

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|                   |                 |
|-------------------|-----------------|
| Weight            | 54g             |
| Dimensions(WxHxD) | 68x33x28mm      |
| Phone             | Android         |
| Connections       | USB-C/Micro USB |

## APP Features

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|                              |                                       |
|------------------------------|---------------------------------------|
| Color Palette                | 9 Options                             |
| Capture modes                | Photo, Video                          |
| File formats                 | HIR, Mp4                              |
| Spot                         | Center Spot                           |
| Automatic Hot/Cold Detection | Auto hot or cold markers              |
| Temperature Analysis         | Customize Point/Line/Area Temperature |
| PDF Report                   | Export & Share PDF Report             |

## Install Smart Therm view APP

Scan the QR code or search "Smart Thermview" on Google Play to download and Install it.



**Notice:** System Android 5.0 above required and USB OTG Support.