

# HANDHELD THERMAL IMAGER

## D10



2 meters fall down proof



Lightweight and portable, only 330g



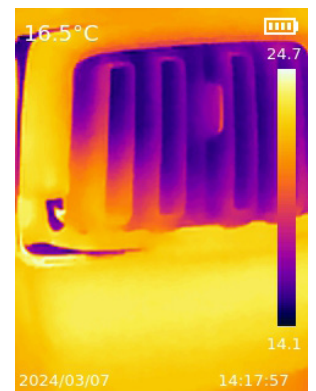
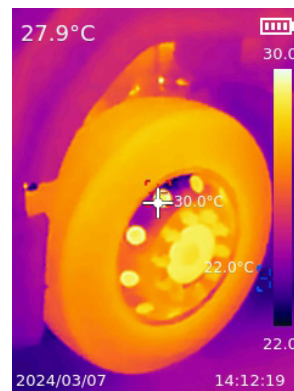
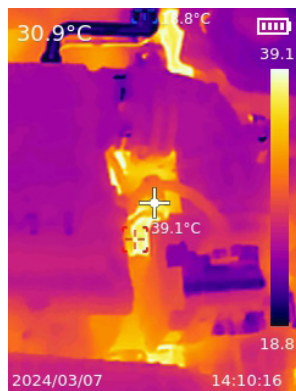
Daily use battery life  $\geq 6$  h



Support high/low temperature sound and light alarm



Powerful PC analysis software



## SPECIFICATIONS

| Model                                 |                                                                                                                         | D10 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----|
| Infrared parameters                   |                                                                                                                         |     |
| Detector type                         | Uncooled FPA, VOX material                                                                                              |     |
| IR Resolution                         | 160x120                                                                                                                 |     |
| Spectral Range                        | 8~14μm                                                                                                                  |     |
| Thermal Sensitivity/NETD              | <50mK@25°C                                                                                                              |     |
| Pixel spacing                         | 12μm                                                                                                                    |     |
| Field of View                         | 40°x30°                                                                                                                 |     |
| Temperature measurement response time | ≤500ms                                                                                                                  |     |
| Gain mode                             | Automatic Gain                                                                                                          |     |
| Focus                                 | Fixed                                                                                                                   |     |
| Image frame rate                      | ≤25Hz                                                                                                                   |     |
| Temperature measurement               |                                                                                                                         |     |
| Temperature range                     | -20°C~550°C                                                                                                             |     |
| Temperature measurement accuracy      | ±2°C or 2% of readings                                                                                                  |     |
| Image display                         |                                                                                                                         |     |
| Display                               | 2.4" TFT TN screen, 320x240 pixels                                                                                      |     |
| Image mode                            | Thermal, Digital, PIP, Fusion                                                                                           |     |
| Palette                               | Iron red, rainbow, white hot, black hot, red hot, lava, high-contrast rainbow                                           |     |
| Temperature display                   | Center point temperature measurement, high and low temperature tracking                                                 |     |
| Alarm                                 |                                                                                                                         |     |
| High and low temperature alarm        | The alarm threshold can be set manually, with high and low temperature alarm screen + LED light flashing + buzzer alarm |     |
| Image storage                         |                                                                                                                         |     |
| Storage method                        | EMMC built-in storage (28GB available)                                                                                  |     |
| Image format                          | JPG                                                                                                                     |     |
| Other Features                        |                                                                                                                         |     |
| LED lights                            | Support                                                                                                                 |     |
| Laser pointer                         | Support                                                                                                                 |     |
| Interface                             |                                                                                                                         |     |
| Data Interface                        | Type-C USB                                                                                                              |     |
| Battery                               |                                                                                                                         |     |
| Battery type                          | 3.7V 2600mAh rechargeable lithium battery                                                                               |     |
| Battery operating time                | ≥6 hours (at 24°C-28°C, default operating mode)                                                                         |     |
| Charging time                         | ≤2.5 hours                                                                                                              |     |
| Auto shut-off                         | Selectable (5 minutes, 10 minutes, 30 minutes, off); default: 30 minutes                                                |     |
| Physical parameters                   |                                                                                                                         |     |
| Dimensions                            | 197x72x60mm                                                                                                             |     |
| Weight                                | 0.33kg                                                                                                                  |     |
| Operating Temperature                 | 0°C~50°C                                                                                                                |     |
| Operating Humidity                    | <90%RH (Non-condensing)                                                                                                 |     |

## SPECIFICATIONS

|                                  |                     |
|----------------------------------|---------------------|
| Storage Temperature              | -20°C~60°C          |
| Ingress Protection               | IP54                |
| Drop Resistance                  | 2m                  |
| Tripod Mounting                  | Support 1/4 adapter |
| <b>Analysis software</b>         |                     |
| PC Analysis softwareProduct size | Support             |