

## MTV-ONE PRO Mobile Thermal Camera

### Overview:

The MTV-ONE PRO Mobile Thermal Camera is a compact and lightweight infrared thermal imaging tool, offering high accuracy and quick responsiveness. Designed for seamless integration with Android devices through a dedicated thermal imaging analysis application, it enables on-the-go multi-mode thermal heatmap analysis. This versatile product finds its applications across various fields, including equipment maintenance, outdoor exploration, and HVAC system servicing.



### Specifications

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Thermal imaging resolution	256 *192
Detector parameters	Size of surface element: 12um; NETD: < 50mK @25°C; Frame frequency: 25Hz
Temperature measuring parameters	Temperature measuring range: (-15-600)°C; Measuring accuracy: ±2°C or ±2% of the reading;
Temperature measuring method	Point temperature measuring, line temperature measuring, regional temperature measuring, high and low temperature automatic tracking, above-threshold alarm
Infrared lens parameters	3.2mm/F1.1; Field angle of H56°: V42°
Focus mode	Fixed focus
Interface	USB type-C
Image mode	Image mode: Soft mode, texture enhancement, high contrast
Palette	6palettes are supported
Temperature width	Temperature measuring range is adjustable
Menu functions	Language, emissivity, temperature unit, high temperature alarm,high and low temperature switch, picture and video