

HTV 340 LPRO

Thermal Camera

Overview:

The Handheld Professional Thermal Camera marmonix HTV 340 LPRO marks a significant advancement in the field of thermal imaging technology. This cutting-edge handheld device integrates the capabilities of both visible light and infrared light, ensuring comprehensive environmental analysis. With its built-in high sensitivity infrared detector and high-resolution visual camera, the HTV 340 LPRO excels in detecting subtle ambient temperature changes and accurately measuring high-temperature targets



Specifications

IR Resolution	288×384
Focal Length	15mm/F1.0
Pixel Size	17μm
Thermal Sensitivity/ NETD	≤50mK@25°C
Detector Type	Uncooled microbolometer
Digital Zoom	1x-8x (integer)
Image Frequency	30 Hz
Focus Mode	Manual focus

Specifications

Temp Measuring	
Object Temperature Range	600°C ~ 20°C-(customizable, up to 1600°C)
Accuracy	±2°C or ±2% take the max (ambient temp 25°C)
Temperature Screening	Supports multiple temperature screening modes, such as high temperature, low temperature, and interval temperature
Temperature Measurement Model	Support 1 global, 8 local (including point, line segment, rectangle), 1 central point temperature measurement, temperature monitoring accords to different areas
Alarm Function	Customize alarm temperature thresholds to monitor temperature anomalies such as high, low, interval temperatures in realtime
Display	
Screen	4.3"LCD capacitive touch screen
Display Type	Highlight industrial display, visible in sunlight, capacitive touch
Display Resolution	800*480
Screen Display Mode	Visible light, thermal imaging, dual band fusion, picture in picture
Image	
Imaging Technology	Independent R & D of image processing algorithm, support PHE
Dual band fusion Imaging Mode	High screen fusion precision & High degree of scene restoration
Visual Camera Pixels	500W
Color Palettes	Supports black heat, white heat, iron red, high contrast, red saturation, jet mode

Specifications

Fill-in Light	Supports quick on-site light filling
Professional Functions	
Video	Supports real-time capture and video recording
Video Playback	Support file playback, storage according to time classification, easy to find
Laser Designation	Support
Data Management	
Data Storage	Supports two modes: single shot and continuous shot
Interfaces	USB Type-C, TF card, Mini-HDMI
Storage Capacity	32G
Field notes	Support to add voice (45s) and text annotation (100 words)
General Specifications	
Battery Type	Lithium-ion batteries, 7.4V 2600mAH
Battery Operating Time	Double battery 8h total, can be replaced on site
Charging type	Charging base charging or Type-C interface charging
Operating Temp Range	+50°C ~ -10 °C
Protection Level	IP54
Grade of fall protection	2m
Volume	275mm×123mm×130mm
Weight	≤900g