

SPECIFICATIONS:

Model	KM 321	KM 322
IR Resolution	384×288	640×480
Focal Length	15mm/F1.0	25mm/F1.0
Pixel Size	17μm	
Thermal Sensitivity/NETD	≤ 50mK@25°C	
Detector Type	Uncooled microbolometer	
Digital Zoom	1x-8x (integer)	
Image Frequency	30Hz	
Focus Mode	Manual focus	
TempMeasuring		
Object Temperature Range	-20°C~600°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 real time	
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	
Fill in Light	Supports quick on site light filling	



Preliminary Data

All Specifications are subject to change without prior notice.

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	-10°C ~ +50°C
Protection Level	IP54
Grade of fall protection	2m
Volume	275mm×123mm×130mm
Weight	≤ 900g

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