INFRARED DETECTOR MODEL - KM 321 / KM 322

NEW

IP54

INTRODUCTION

Widely used in Metallurgy, Electric Power, Coal Mine, Medical Treatment, Construction, Scientific Research, Medical Treatment, Fire and other fields.

SPECIFICATIONS

Model	KM 321	KM 322
IR Resolution	384 x 288	640 x 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	
TEMP. MEASURING		
Object Temperature Range	-20°C ~ 600°C (customizable, upto 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, & interval temperature	
Temperature Measurement Mode	Support 1 global, 8 local (including point, line segment, rectangle),1 central point temperature measurement, temperature monitoring of different areas	
Alarm Function	Customize alarm temperature thresholds to monitor temperature anomalies such as high, low, interval temperature 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	5 MP	
Color Palettes	Supports black heat, white heat, iron red, high contrast, red saturation, jet mode	
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	32GB	
Field notes	Support to add voice (45s) and text annotation (100 words)	
GENERAL SPECIFICATIONS		
Battery type	2 x 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	275 x 123 x 130mm	
Weight	Approx. 900g.	



