

■ INTRODUCTION

It combines thermal imaging and visible light to display the target object imaging, which can measure all the pixel temperature of the target object, can quickly locate the abnormal temperature point, to reduce the users' diagnostic time.

NEW
IP54


■ SPECIFICATIONS

Parameter		Specification	
		KM 308	KM 309
Infrared Thermal Imaging	Resolution	320 x 240	220 x 160
	Frequency band	8~14um	8~14um
	Frame rate	9Hz	9Hz
	NETD	70mK@25°C (77°F)	70mK@25°C (77°F)
	Field of view	Horizontal 56°, vertical 42°	Horizontal 35°, vertical 26°
	Lens	4mm	4mm
	Temperature range	-10°C ~ 600°C (14°F ~ 1112°F)	-10°C ~ 600°C (14°F ~ 1112°F)
	Temperature measurement accuracy	±2°C or ±2% upto 450°C ±4°C or ±4% (450°C ~ 600°C)	±2°C or ±2%
	Temperature measurement	Hottest, coldest, central point, zone area temperature measurement	Hottest, coldest, central point, zone area temperature measurement
Visible	Resolution	640x480	640x480
	Frame rate	25Hz	25Hz
	LED light	Support	Support
Display	Display Resolution	320x240	320x240
	Display Size	3.5 inch	3.5 inch
	Image mode	Outline fusion, overlay fusion, picture-in-picture, infrared thermal imaging, visible light	Outline fusion, overlay fusion, picture-in-picture, infrared thermal imaging, visible light
General	Working time	5000mah battery, >4 hours in 25°C (77°F)	5000mah battery, >4 hours in 25°C (77°F)
	Battery Charge	Built-in battery, it is recommended to use +5V & ≥2A universal USB charger	Built-in battery, it is recommended to use +5V & ≥2A universal USB charger
	WiFi	Support App and PC software data transmission	Support App and PC software data transmission
	Operating temperature	-20°C~+60°C (-4°F ~ 140°F)	-20°C~+60°C (-4°F ~ 140°F)
	Storage temperature	-40°C~+85°C (-40°F ~185°F)	-40°C~+85°C (-40°F ~185°F)
	Waterproof and dustproof	IP54	IP54
	Camera Dimension	230mm x 100mm x 90mm	230mm x 100mm x 90mm
	Net weight	420g	420g
	Package dimension	270mm x 150mm x 120mm	270mm x 150mm x 120mm
	Gross weight	970g	970g
Storage	Capacity	Built-in memory, about 6.6G available, can store more than 20,000 pictures	Built-in memory, about 6.6G available, can store more than 20,000 pictures
	Picture storage mode	Simultaneous storage of infrared thermal imaging, visible light and fusion images	Simultaneous storage of infrared thermal imaging, visible light and fusion images
	File format	TIFF format, support full frame pictures temperature analysis	TIFF format, support full frame pictures temperature analysis
Image analysis	Windows platform analysis software	Provide professional analysis functions to analyze full pixels temperature analysis	Provide professional analysis functions to analyze full pixels temperature analysis
	Android platform analysis software	Provide professional analysis functions to analyze full pixels temperature analysis	Provide professional analysis functions to analyze full pixels temperature analysis
Interface	Data and charging interface	USB Type-C (Support battery charging and data transmission)	USB Type-C (Support battery charging and data transmission)
Secondary development	Open interface	Provide WiFi interface SDK for secondary development	Provide WiFi interface SDK for secondary development

All Specifications are subject to change without prior notice.