

Multifunction Video Inspection

Model: KC-250

Manual



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Overview

KC-250 Multifunction video inspection has been designed as a user friendly and economical way of solving hidden problems and increasing productivity. (e.g. inspect vent pipes, air conditioner system, equipments, engines etc.).

The product has a high clarity color 2.4"LCD. It uses interchangeable probes and can be connected to probes with different length and diameter (product comes with a standard 12mm probe, customized camera head and probes are also available). The camera head is with adjustable LED lights, which helps you to inspect gaps and holes. The camera head can equip with several accessories(magnet, mirror, hook etc.), making it more flexible.

KC-250 has an internal memory (support Micro SD), and is capable to capture videos and take photos both manually and automatically. It has a built-in microphone and a speaker, which makes it possible to record and playback sound. The product has a TV output and a USB port, which allows the users to connect the unit to a TV or a computer. The product also supports image zooming and rotation. It has the advantages of small size, clear image, stable performance, easy operation and portability. It is widely used in applications such as the industry, the building, the aviation, the vehicles maintenance.

Technical Specifications

Name	Multifunction video inspection	
Model	KC-250	
Recommended use	Indoor	
Image sensor	CMOS image sensor	
Viewable angle	60°	
Diameter of camera head	Standard camera head	12mm (Magnetic tip, Hook tip, Mirror tip included)
	Optional camera diameters	9mm (Hook tip, Mirror, Magnet, Thread protector for selection)
		5.5mm (Mirror, Ball guide, Thread protector for selection)
Focal length	12mm standard	50mm and 50cm for your choice
	9mm optional	50mm
	5.5mm optional	10mm

Probe length for choice	12mm camera	1m/2m/3m or customized (max length 5m including extension)
	9mm camera	1m/2m/3m or customized (max length 5m including extension)
	5.5mm camera	1m/2m/3m or customized (max length 15m including extension)
Extension for choice		Extension for choice
Protection level	Probe and camera	IP67
	Main body	IP54
Light source		Ultra bright LED
Image display		2.4" TFT/LCD
Image resolution		640×480 pixels
LCD resolution		320×240 pixels
Image zooming		4 times
TV output format		NTSC/PAL
USB output mode		Portable storage mode (USB Disk)
		Real time image output mode (USB Camera)
Storage medium		64MB internal memory
		Micro SD (support up to 16G) ,optional
Accessory		TV cable, USB cable, driver CD
Power supply		4 AA alkaline or rechargeable batteries (LR6 or KR6)
Battery continuous working time		>2 hours
Working temperature		0°C ~ 45°C
Working humidity		5%~95%RH non-condensing
Storage Condition		-20°C ~ +60°C, ≤85% (w/o batteries)
Main body dimension		270mm×75mm×100mm (w/o probe)
Main body weight		About 385g (w/o batteries and probe)