

# Multifunction Video Inspection

Model: KC-368G5-09

## Operation Manual



# **Multifunction Video Inspection**

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## **Overview**

KC-368G5-09 Multifunction video inspection has been designed as a user friendly and economical way of solving hidden problems and increasing productivity. (eg. Inspect vent pipe and system of air conditioner, machine equipment, engine and so on).

The product has a high clarity color LCD of 5 ” size. It uses an interchangeable 9mm probe and can be connected to probes with different length and diameter (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-368G5-09 can take a photo wirelessly .It has built-in polymer lithium battery, also could use AC adapter for charging with LED indicator. The screen can detach from grip and the grip can control monitor to take photos and videos. KC-368G5-09 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. 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 Specification

Name		Multifunction video inspection
Model		KC-368G5
Recommended use		Indoor
Standard probe specifications (KC09AV4)	image sensor type	30,000 pixels CMOS image sensor
	Outer diameter of camera head	Φ 9mm
	Focal length	50mm
	visible angle	60°
	Probe length	standard flexible 1m 2m/3m or customized (the longest length of flexible probe is 10m and inflexible is 40m)
Probe accessories		magnet, hook, mirror and screw thread protector
Support camera head assembly specifications (not included)	KC12AV4	The assembly of Φ 12mm camera head
	KC05AV3	The assembly of Φ 5.5mm flexible or inflexible camera head
	KC23AV	The assembly of Φ 23mm camera head checking the probe
	KC12AV5	The assembly of Φ 12mm camera head without probe
The probe connection head for choice (not included)		Used to connect the old camera head
Probe and camera head protection		IP67
Light source		High lighting LED
Image display		5" TFT/LCD
Image resolution		640×480 pixels
LCD Resolution		800×480 pixels
Image zooming		4 times
TV output format		NTSC/PAL
USB export mode		moveable storage mode (USB Disk)
		real-time export image mode (USB Camera)
Image storage media		128MB memory
		Micro SD card (Support up to 16G), the SD card for choice
Wireless transmission frequency		2468MHz
Wireless transmission distance		Up to 10M; If no obstacles, will more than 10M
Attachment		Adapter、TV cable、USB cable、signal cable、driver CD
Adapter	INPUT	AC 100~240V (50~60Hz)
	OUTPUT	DC 9V 1.3A
Inside battery		Polymer Lithium battery
Battery capacity	Grip	7.4V/1350mAh
	Screen	7.4V/1500mAh
Charging time of inside battery		About 3.5 hours
Battery life		About 2.5 hours
Operating temperature		0°C~45°C
Operating humidity		RH 5%~95% non-condensing
Storage temperature		-20°C~+60°C, ≤85% (w/o battery)
Dimension	Grip	280mm×138mm×71mm (w/o probe)
	Screen	153.5mm×116.5mm×38mm
Weight	Grip	About 353g (w/o probe)
	Screen	About 428g