

WIFI Video Inspection

Model: KC-363

Operation Manual



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Overview

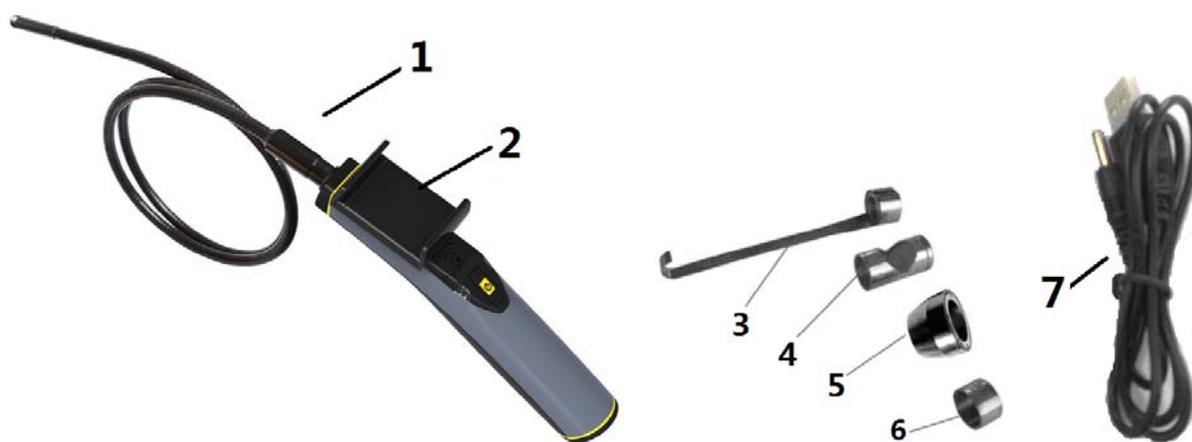
KC-363 WIFI video inspection has been designed as a user friendly and economical way of solving hidden problems and increasing productivity. (eg. Inspect vent pipe and system of air conditioner, machine equipment, engine and so on).

The unit uses WIFI technology and supports iPad/ iPhone/ Android/ MS NoteBook, and computers with WINDOWS system and wireless network card which comply with IEEE802.11n. The unit allows multiple devices to connect at the same time and displays clear real-time images. Also, you can connect the unit with homely wireless router. In this way, it is convenient for specialists to interview the real-time image via internet to guide and analyze your inspection.

The unit equips with a detachable fixture which can facilitate the installation of the mobile phone. When needed, use the fixture to install the phone above the unit's grip. The unit has a probe with the length of 1m and diameter of $\Phi 9\text{mm}$ (customized camera head and probe also available). Four adjustable LED lights set around the camera head help the user to see inside dark gaps and holes. Several accessories can be equipped on the tip of the probe, making it more flexible. The accessories include magnetic, mirror, hook and screw protector.

KC-363 has built-in polymer lithium battery, also could use 5V DC adapter or USB port for charging with LED indicator. It has the advantages of small size, stable performance, easy operation and portability. It is widely used in applications such as the industry, the building, the aviation, the vehicles maintenance.

Product Configures



- | | |
|-----------------------|----|
| 1. Main body | ×1 |
| 3. Hook | ×1 |
| 5. Magnetic | ×1 |
| 7. USB charging cable | ×1 |

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|---------------------------|----|
| 2. Mobile phone fixture | ×1 |
| 4. Mirror | ×1 |
| 6. Screw thread protector | ×1 |

Technical Specifications

Name	WIFI Video Inspection	
Model	KC-363	
Recommended use	Indoor	
WIFI range	more than 25 meters in wide open spaces	
Camera head spec.	Viewable angle	About 60°
	Outer diameter of camera head	Standard 9mm
	camera head focus	50mm
	Visible range	12.7 to 305mm
	Probe length	Standard 1m (2m or 3m needs to be customized)
	Light source	4 High lighting LED
	Protection	Probe and camera head IP67
	Camera head accessories	Magnet, hook, mirror and screw thread protector
Video	Image sensor	VGA CMOS (300,000 pixels)
	Compress mode	Motion-JPEG-N
	FPS	30fps
	Image resolution	640×480 pixels
	Image adjustment	Brightness, contrast, color saturation and gain can be adjustable
	White balance and backlight compensation	AWB and ABLC
Internet	Wireless network standard	WIFI 802.11 b/g/n
	Wireless Certification	WPA/WPA2/WE and so on
	Video upload	Connect home wireless router wirelessly and transmit the video to Internet
	Internet access	connect the internet via home wireless router
	Support IP address	Static IP address, dynamic IP address
	Web service	Support configuration based on WEB explorer (with password protection)
	Support WIFI platform	Support iPad / iPhone / Android / MS NoteBook/WINDOWS
Attachment	USB charging wire (use adapter of ipad and iphone, compatible with all computer)	
Mobile phone fixture spec.	Smart phone with the width of 55~85mm	
Power supply	output 5V DC and input 3.7V polymer Lithium battery	
Inside battery capacity	3.7V/1200mAh	
Charging time of inside battery	About 3 hours	
Battery life	More than 2 hours	
Operating temperature	0℃~45℃	
Operating humidity	RH 5%~95% non-condensing	
Storage temperature	-20℃~+60℃, ≤85% (w/o battery)	
Dimension	266mm×44mm×80mm (the probe length is about 1m, the fixture is not included)	
Weight	About 375g (1m probe is included, the fixture is not included)	