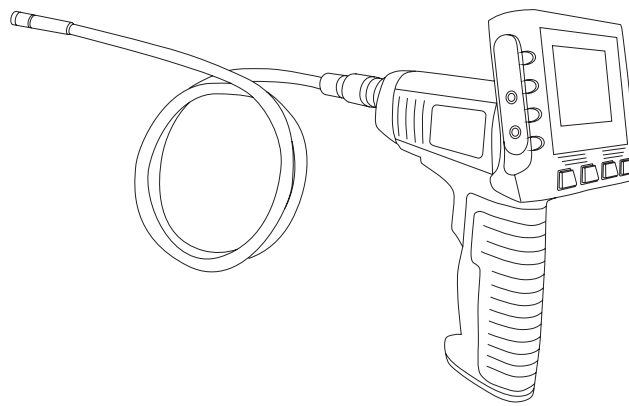


# User Manual

Wireless Inspection Camera with Color LCD Monitor



**Version 1.0**

Please read this User Manual carefully before using this product

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\* MG-5808(Monitor) + MG-6808(Camera)

## **WELCOME**

Thank you for choosing our wireless inspection video camera kit and please read the operation guide carefully before using the product. The product is designed as a remote inspection device, which can be used to look into tight spots, aperture or pipes to check via color real-time video.

Its typical applications include HVAC inspection, automotive inspection, cable routing, boat/vehicle/aircraft inspection etc.

## **PACKING LIST**



Camera 1



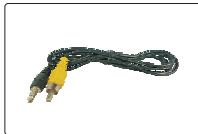
LCD Monitor 1



Extension tube(Optional)



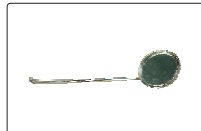
Adapter 1



Video Cable 1



Screwdriver 1



Mirror 1



Magnet 1

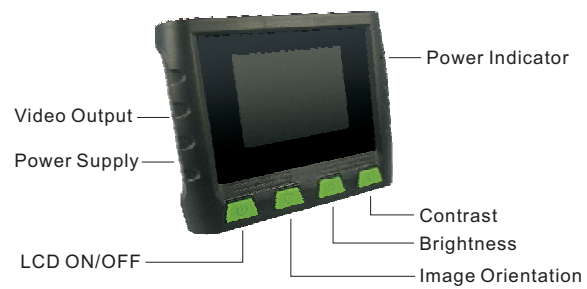
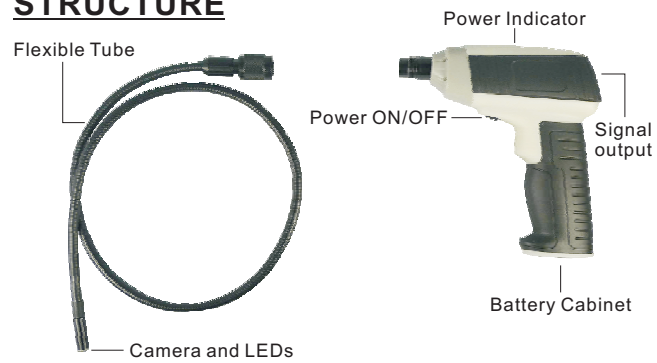


Hook 1



Lantern Ring 1

## **STRUCTURE**



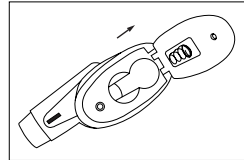
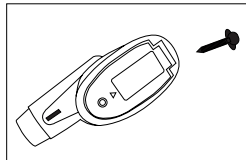
Signal Input

## **INSTALLATION**

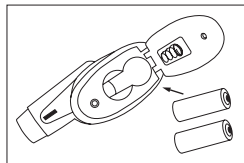
Please install the batteries and tube first before using, and choose the accessory according to actual application.  
Steps of installation as below:

### **Step 1: To install batteries**

1. Using a screwdriver and remove the screws and open the battery cover.



2. Insert four new AA batteries in the battery compartment directly.  
Proper battery orientation is indicated on the battery compartment.

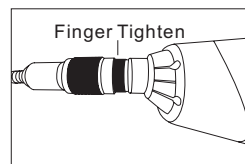
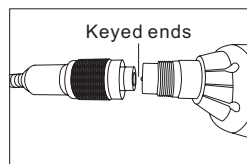


3. Close the battery cover and screw as before.

**NOTE: Dry your hands before installation or replacing batteries.**

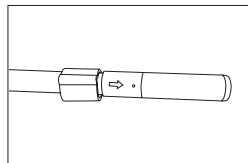
### **Step 2: To install the camera with flexible tube**

Connect the camera with flexible tub to the body and make sure the keyed ends are properly aligned. Once they are aligned, tighten the knurled knob to hold the connection in place.

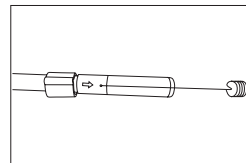


### Step 3: To install accessory

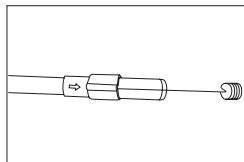
The three included accessories: Mirror, Hook and Magnet, all attached to the camera by the same way. To install as below:



Use the green lantern ring to hitch the tube



Put accessories into the hole

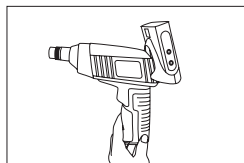
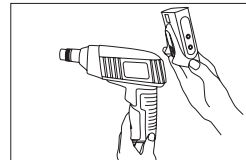
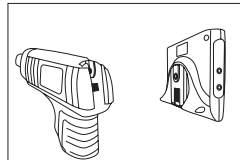


Slide the green lantern ring to lock the accessories

Make sure put each accessory into the hole of the stem of camera part, and slide the green clip to lock each accessory.

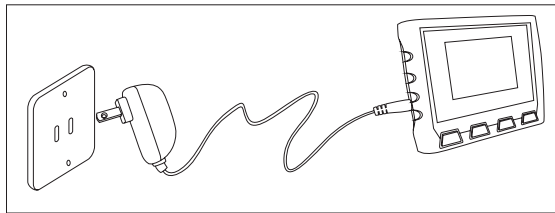
### Step 4: To install monitor for wired use

The product also supports wired by connecting the monitor to the body with camera.



#### **Step 5: To connect monitor's power**

Plug the connect cable into the power socket of monitor, and plug the end of connect cable to adapter, then connect the adapter to 6V power, the power indicator will lights as red, which indicates being charging.



The built-in Li-battery will be charged after the adapter is plugged in, and the red color indicator lights up during charging and will turn off after a full charge.

**TIP: The Monitor can be used when it is charging.**

#### **Step 6: Video output**

Insert the video cable into the VIDEO OUT socket of monitor. Insert the other end of the cable into VIDEO IN jack of a TV or another monitor. The LCD Monitor will out put a high quality video.

## **GENERAL SAFTY INFORMATION**

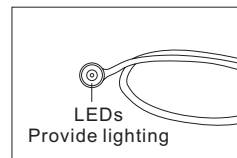
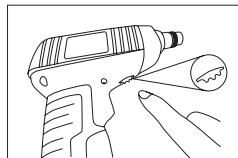
**Warning:** Read and understand all installations. Failure to follow all instructions listed below may result in electrical shock, fire and/or serious personal injury.

### **SAVE THESE INSTRUCTIONS BELOW**

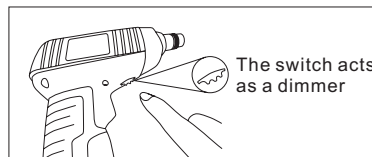
- ★ **Prevent object and liquid entry.** Never spill liquid of any kind on the video display unit. Liquid increases the risk of electrical shock and damage to the product.
- ★ **The unit is not shock-resistant.** Do not use it as a hammer or drop it.
- ★ **Do not immerse the camera and the monitor in water.** Store in a dry place. Such measures reduce the risk of electrical shock and damage. The imager head and the cable are water resistant when the unit is fully assembled, but the camera and the monitor are not.
- ★ **Do not use the camera if condensation forms inside the lens.** Let the water evaporate before using again.

## **OPERATION**

1. Roll the ON/OFF switch to turn ON the camera, and the power indicator will light. The switch then acts as a dimmer for the twin LEDs that surround the camera on the imager head and provide lighting.



2. Slide the ON/OFF switch to ON position, and power indicator will light as green and then the picture will display on LCD. Adjust brightness, contrast, image orientation and roll the ON/OFF switch of the camera for better image effect.

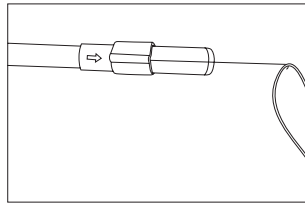




3. When using, the tube should easily maneuver itself into position going forward.

**TIP: The flexible tube can be bent to a certain shape. This may help you explore the tube into narrow areas.**

4. The accessories of Handhold Inspection Camera can be used to retrieve small items like dropped rings or screws.



## **SPECIFICATIONS**

<b>Camera</b>	<b>Model No.: MG6808</b>	<b>Value</b>
	Image sensor	1/13-inch CMOS
	Effective Pixels	640 480
	Transmission frequency	2468MHz
	Minimum illumination	0 Lux
	Modulation Mode	FM
	Bandwidth	18 MHz
	Unobstructed Effective Range	10 m
	Power Supply	4 AA batteries
	Waterproof level	IP 67
	Dimensions	190 150 42(mm) (Exclude Flexible Tube)
	Weight	550 g
<b>Monitor</b>	<b>Model No.: MG5808</b>	<b>Value</b>
	LCD screen	2.4" TFT LCD
	Effective pixels	480 240
	Video System	PAL/NTSC
	Transmission frequency	2468MHz
	Exterior supply voltage	6V DC
	Consumption current (MAX)	490mA
	Video output level	0.9-1.3v @75ohm
	Receiving sensitivity	≤ -85dBm
	Dimensions	110 75 35mm
	Weight	150g
	Operation Humidity	-10℃~+50℃/-14℉~+122℉
	Operation Temperature	15-85%RH

\* Actual transmission range may vary according to the weather, location, interference and building constructions.

\* All the specifications are subject to minor change without prior notice.

## **CAUTIONS**

- ◆ The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.
- ◆ Turn off the Camera and Monitor if not use.
- ◆ The adapter is used as the disconnect device from the mains. The adapter shall remain readily operable.
- ◆ The Camera/Monitor can only be completely disconnected from the mains by unplugging the adapter.
- ◆ Do not cut the DC power cable of the apparatus to fit with another power source.
- ◆ Attention should be drawn to the environment aspects of batter disposal.
- ◆ Remove the batteries when cleaning the unit.
- ◆ Remove the batteries before storing the unit for a long time.
- ◆ When necessary, REPLACE ALL FOUR BATTERIES in this unit with new ones.
- ◆ Use only the size and type of the battery specified.
- ◆ Be sure to install the battery with correct polarity as indicated in the battery compartment.
- ◆ Properly dispose of the battery. Exposure to high temperatures can cause the battery to explode. So do not dispose of in a fire. Please tape over the terminals to prevent direct contact with other objects. Some countries have regulations concerning battery disposal. Please follow all applicable regulations.

The graphics included are subject to minor change without prior notice.

## **CAUTIONS**

This device complies with part 15 of the FCC rules. Operation is subject to the following two regulations:

- 1) this device may not cause harmful interference;
- 2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **EU ENVIRONMENTAL PROTECTION**

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice.

