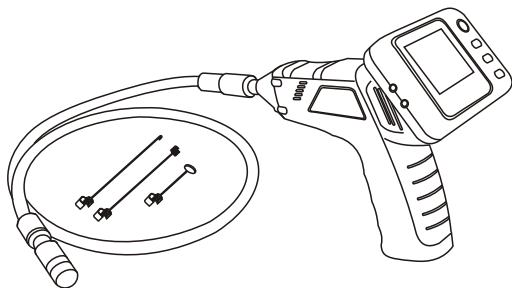


# User Manual

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## Wireless Inspection Camera with Color LCD Monitor

Model No.: 8802AJ



Version No.: 1.1

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Please read this user Manual carefully before using this product!

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# CONTENTS

WELCOME .....	1
PACKING LIST .....	1
STRUCTURE .....	2
INSTALLATION .....	3
MONITOR POWER CONNECTION .....	5
GENERAL SAFETY INFORMATION .....	6
OPERATION .....	6
SPECIFICATIONS .....	8
CAUTIONS .....	9
FCC INFORMATION .....	Back cover

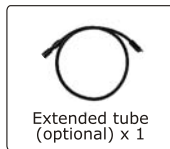
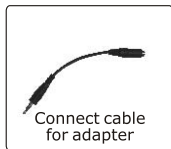
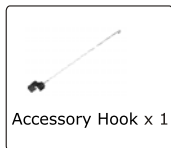
\* 8802AJ means GB8802(camera) + GB7802(monitor)

# WELCOME

Thanks you for choosing our inspection video camera and color LCD monitor. Please read the operation guide carefully before using this product.

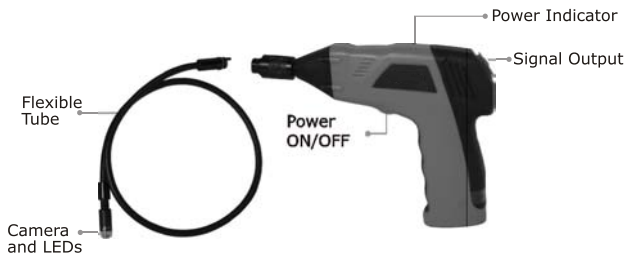
The product is designed as a remote inspection device. It can be used to look into tight spots and beam back real-time video to monitor. Typical applications might include HVAC inspection, automotive inspection, cable routing, automotive/boat/aircraft inspection, etc.

## PACKING LIST

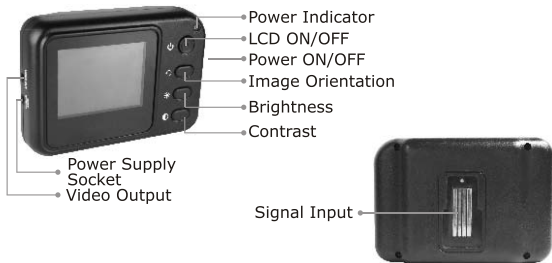


# STRUCTURE

## Camera



## Monitor

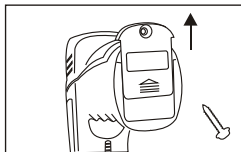
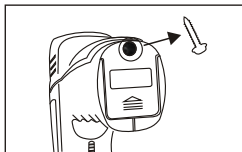


# **INSTALLATION**

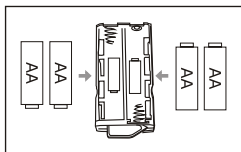
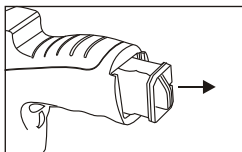
Please install the batteries, tube first before using the product, and choose the accessory according to actual situation. Steps of installation as following:

## **To Install Batteries**

1. Using a screwdriver, remove screw and cover.



2. Remove battery compartment and insert four new AA batteries into the proper slots in the battery compartment. Proper battery orientation is indicated on the battery compartment.

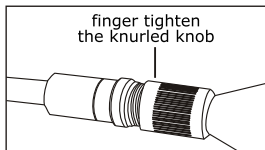
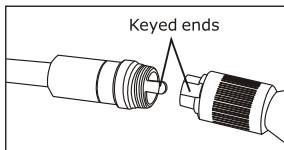


3. Reinstall battery compartment and battery cover and screw as before.

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

## **To Install The Camera With Flexible Tube**

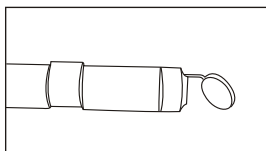
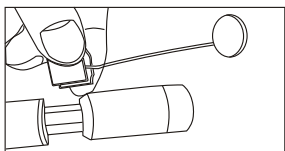
Connect the camera with tube to the body, make sure the keyed ends are properly aligned. Once they are aligned, finger tighten the knurled knob to hold the connection in place.



## To Install Accessory

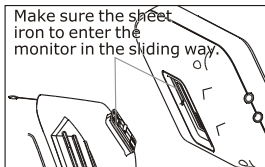
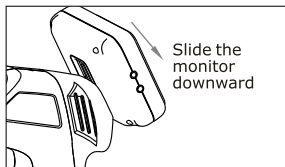
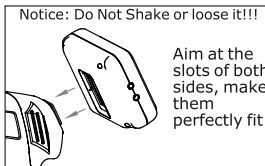
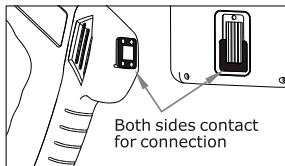
The three included accessories, (mirror, hook and magnet) all attached to the imager head the same way.

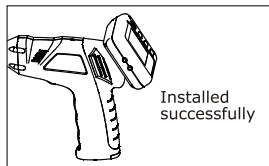
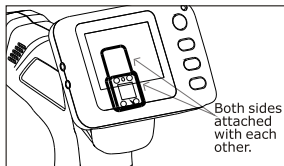
To connect, hold the imager head, Slip the end of the accessory, over the flats of the imager head.



## To Install Monitor for Wired Use

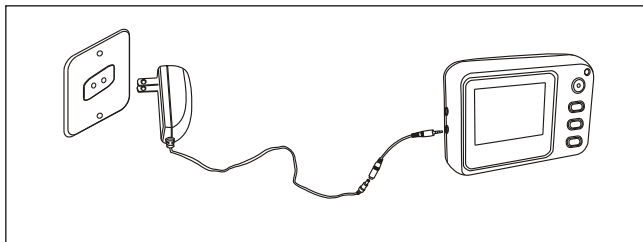
The product also supports wired use by connect the monitor to camera.





## **MONITOR POWER SUPPLY**

Plug the connect cable into power socket of monitor, and plug the end of connect cable into adapter, then connect the adapter to 8V~36V power, the power indicator will lights on red, which indicates being charging.



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

A full charge can power the monitor for about 5 hours continuously.

**TIP!** When charging, the monitor will be available.

# GENERAL SAFETY INFORMATION

**WARNING!** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

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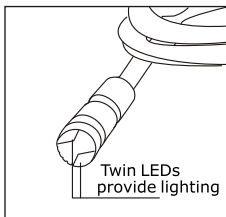
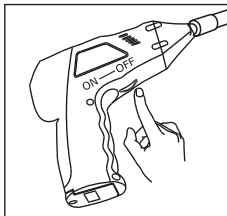
## **SAVE THESE INSTRUCTIONS!**

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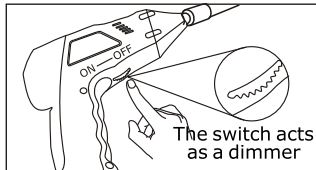
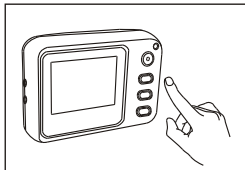
- ※ **Prevent object and liquid entry.** Never spill liquid of any kind on the video display unit. Liquid increases the risk of electrical shock and damage to the product.
- ※ **The unit is not shock-resistant.** Do not use it as a hammer or drop it.
- ※ **Do not immerse the camera and monitor in water.** Store in a dry place. Such measures reduce the risk of electric shock and damage. The imager head and the cable are water resistant when the unit is fully assembled, but the monitor and camera is 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 lights, The switch then acts as a dimmer for the twin LEDs that surround the camera on the imager head and provide lighting.



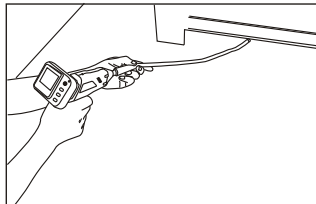
2. Slide the ON/OFF switch to ON position, and power indicator will lights on green, the picture display on LCD. Adjust brightness, contrast, orientation, and roll the ON/OFF switch of the camera for better image effect.



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



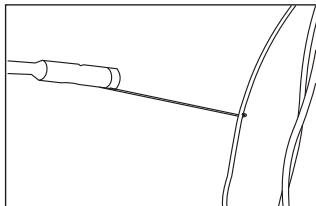
wireless



wired

**TIP!** The flexible tube can be bent into 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

CAMERA	Mode No.	GB8802
	Imaging Sensor	CMOS
	Total Pixels	704×576 (PAL); 712×486(NTSC)
	Horizontal View Angle	50 degree
	Transmission Frequency	2468MHz
	Minimum Illumination	0 Lux
	Modulation Type	FM
	Bandwidth	18MHz
	Power Supply	4 x AA (for batteries)
	Dimensions(W×D×H)	186 × 145 × 41(mm) (Exclude Flexible Tube)
	Weight(about)	530g
	MONITOR	Mode No.
LCD Screen Type		2.36" TFT-LCD
Effective Pixels		480 × 240
Video System		PAL/NTSC
Transmission Frequency		2468MHz
Exterior Supply Voltage		8V-36V <sub>DC</sub>
Consumption Current (Max.)		450mA
Video Output Level		0.9-1.3V <sub>p-p</sub> @75ohm
Dimensions(W×D×H)		100 × 70 × 30(mm)
Weight(About)		140g
Operating Temperature		-10°C~+50°C/+14°F~+122°F
Operating Humidity(Max.)	15~85%RH	

- \* Actual transmission range may vary according to the weather, location, interference and building construction.
- \* 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 liquids, such as vases, shall be placed on the apparatus.
- Turn off the Camera/Monitor if the system is not in 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 unplug 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 battery 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 battery specified.
- Be sure to install the battery with the 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. Place 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 notice.

## FCC INFORMATION

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

- (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.

