

Model: GD8722/GD8723/GD8725/GD8726/GD8727/GD8729

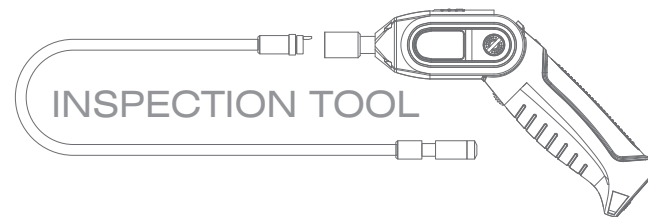
EU Environmental Protection

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.



USER MANUAL

WiFi Inspection Camera



Model: GD8722/GD8723/GD8725/GD8726/GD8727/GD8729

Version 1.0

Please read this user manual carefully before using this product.
Failure to understand operation procedures may result in injury.

General Safety Information	02
Welcome	03
Features	03
Packing List	03
Structure	04
Installation	04
Operation	06
Basic Operation	06
Operations for iOS Apple system client	07
Installation APP software	07
WiFi Connection	08
Device Operation	09
Important Notes	11
Operations for Android system client	14
Installation APP software	14
WiFi Connection	14
Device Operation	15
Important Notes	18
Specifications	21
FCC Information	22

* GD8722 = GT8723(handle) + GT4802(camera)
GD8725 = GT8723(handle) + GT4805(camera)
GD8727 = GT8723(handle) + GT4807(camera)
GD8723 = GT8723(handle) + GT4853(camera)
GD8726 = GT8723(handle) + GT4806(camera)
GD8729 = GT8723(handle) + GT4809(camera)

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.

SAVE THESE INSTRUCTIONS!

- ※ 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 Explorer Standard as a hammer and avoid high impact resultant from things such as dropping the unit from height
- ※ Do not immerse camera handle in water. Avoid moisture, and store product in a dry place. Such measures reduce the risk of electric shock and damage. The lens and the tube are water resistant when the unit is fully assembled, but the handle is not.
- ※ Do not use the camera if condensation forms inside the lens. Let the water evaporate before using again.
- ※ Turn off the system if it is not in use.
- ※ This product can only be completely disconnected from its power source by unplugging the power adapter.
- ※ Attention should be given to the environmental 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 (4) BATTERIES in this unit with new ones, not one (1) or two (2) batteries at a time.
- ※ 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 batteries. Exposure to high temperatures can cause batteries 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.

WELCOME

Congratulations on your purchase of WiFi inspection camera. Please read the user manual carefully before using this product. This product is designed as a remote inspection device with WiFi transmission (support iPhone, iPad and Android phone), capable of recording video/taking pictures. Appropriate for use in surveying pipes or other hard-to-reach places, equipment or furnishing installation, car repair, etc. Features include waterproof LED lens, real-time recording.

FEATURES

- WiFi transmission, support iPhone, iPad and Android phone
- Allows for easy surveying of small, hard-to-reach places
- Mini 17/9/5.8/5.5/4.5mm water-proof camera with 1m (3 ft.) flexible extended tube
- Manufactured and tested to IP67 waterproof standard
- Video recording and photo capture capability
- Increase visibility with 3x zoom capability
- Adjustable brightness on lens-mounted LED light
- 3 useful accessories included: Hook, mirror and magnet
- Lightweight, hand-held design, flexible and convenient to use

PACKING LIST



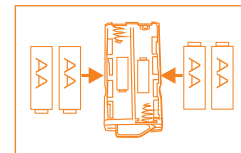
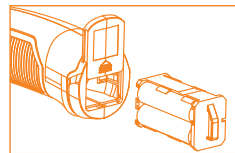
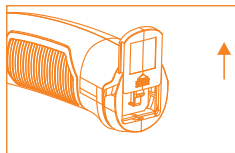
STRUCTURE



Installation

To Install Batteries (Dry your hands before installation or replacing batteries.)

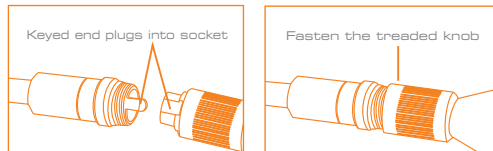
1. Remove the cover as illustrated below:



2. Remove battery compartment and insert four (4) AA batteries into their appropriate slots, with proper orientation, as indicated on the battery compartment.
3. Reinstall battery compartment and replace battery cover and screw

To Attach Flexible Tube with Handle

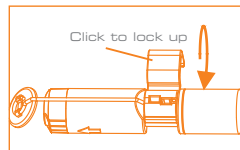
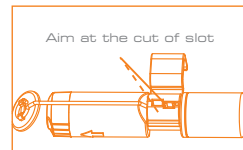
To connect the flexible tube camera with control handle, first make sure that the keyed end of the tube is aligned with the slot in the handle, then use slight force to push them together. Once properly aligned, twist the treaded knob clockwise until the connection is securely in place.



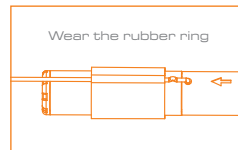
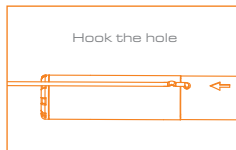
To Install Accessories

The three (3) included accessories (mirror, hook and magnet) are all attached to the camera in the same way as illustrated below:

For GD8722



For GD8723

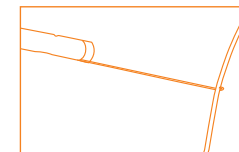
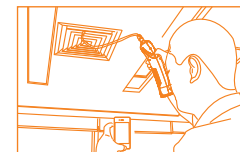
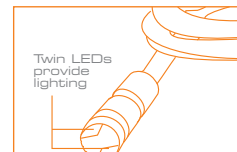
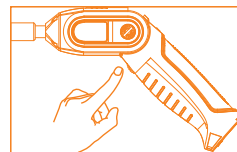


For GD8722: to prepare accessory for installation, push down on stem-side of black interface while pulling away from adjacent side. This will open the base of the accessory. Next, align inside of stem-side to either treaded surface at the base of camera head. Tighten to secure the accessory in place.

Operation

Basic Operation

1. As you roll the power switch to turn on the camera, the power indicator on the camera handle will light. The rolling switch then acts as a dimmer for the twin LEDs that surround the camera on the end of the flexible tube.
2. When in use, the tube should easily maneuver itself into position. Do not apply excessive force. The flexible tube can be bent into numerous shapes that may help you explore areas you otherwise thought were impossible to see.
3. The accessories included with WiFi inspection camera can be used to retrieve small items like dropped rings or screws.



4. The connecting part of the handle can be rotated, the user can through the knob to lock / unlock. Note: Please use coins except for sharp objects to operate, so as not to damage the knob.



5. Operating the camera function on the handle, you must connect the WIFI of intelligent mobile device, and turn on the APP software.

Note: The client supports Android and iOS.

Version: Android 2.2, iOS 4.3, and later versions

Default settings:

SSID: [WIFICAMERA](#) Password: [88888888](#)

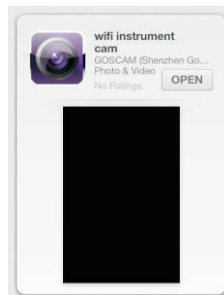
Operations for iOS Apple system client

◆ Installation APP software

To install software for your smart mobile device that runs an iOS system:

1. Turn on the intelligent mobile device and enter APP Store .

Search for the software "wifi instrument cam", and download.



2. Touch Install. The software can be installed on your device.

3. After the installation is complete, the icon of the software is displayed on the home screen, as shown in the following figure.



◆ WiFi Connection

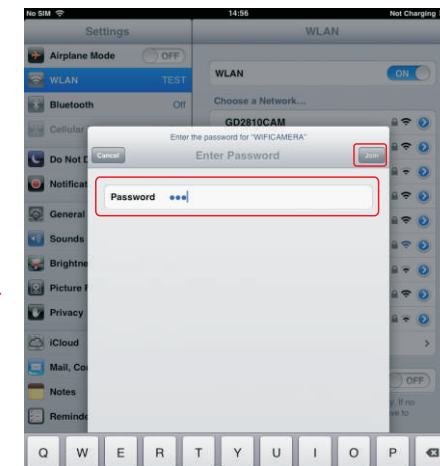
1. Touch "Settings" on the home screen of your device.



2. Touch "WLAN" and select your camera (The initial SSID is "WIFICAMERA").



3. Connect the WiFi with default password (88888888). and touch "Join".



Note: When the WIFI connection problem, the user can turn on / off the power switch of handle to select WIFI channels. then reconnect the WIFI.

◆ Device Operation

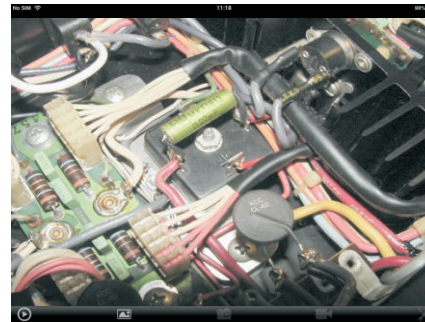
If the WiFi connection succeeds, you will see the image captured by the WiFi camera in applications. If the WiFi connection fails, the screen shown in the following figure is displayed.



This screen is also displayed if a WiFi interruption occurs when you view an image. In this case, exit the application and check whether the WiFi connection is proper.



When the WiFi connection succeeds, the home screen is displayed on the device. Touch to enter the software screen.



Video
playback



Photo
playback

Record
a video

Take
a photo

Settings

❖ Video playback

Touch this  icon to open the video playback list and select the video you want to play back. If you slide left, the button **Delete** is displayed. You can touch it to delete the video. when browsing the video, you can touch this  icon to send e-mail.




❖ Photo playback

Touch this  icon to open the photo playback list and preview the desired photos. you can touch this  icon to send e-mail.

❖ Take a photo

Touch this  icon to take a photo.

❖ Record a video

Touch this  icon to record a video. The recording time is displayed in the upper left corner of the screen. Touch this icon again to stop the recording.



❖ Settings

Touch this  icon to display the settings menu.



You can set a new SSID or password for your WiFi network.

◆ Important Notes:

After you change the SSID or password, touch Settings on the home screen to forget this network and reconnect your device to the network. Otherwise, a message indicating a login error is always displayed. To forget this network:

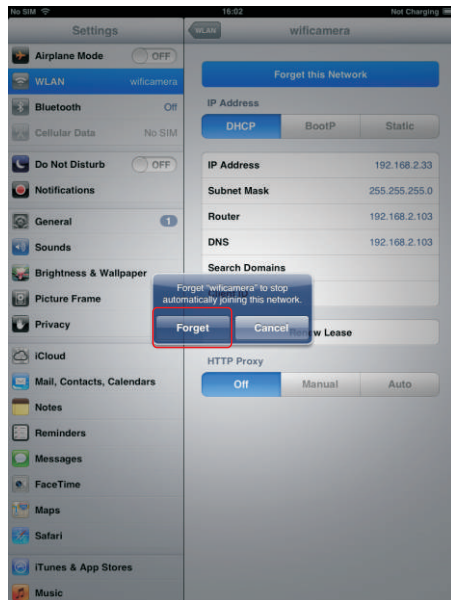
1. Touch “Settings” on the home screen of your device.



2. Touch “WLAN” and touch  on the right of the camera for which you want to change the password.
3. Then touch “Forget this Network”.



4. Touch "Forget" to remove network records. Then, reconnect to the network using the previous WiFi connection methods.

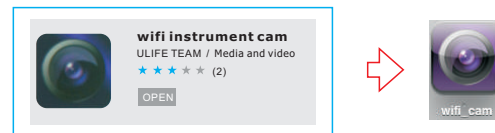


Operations for Android system client

◆ Installation APP software

To install software for your smart mobile device that runs an Android system:

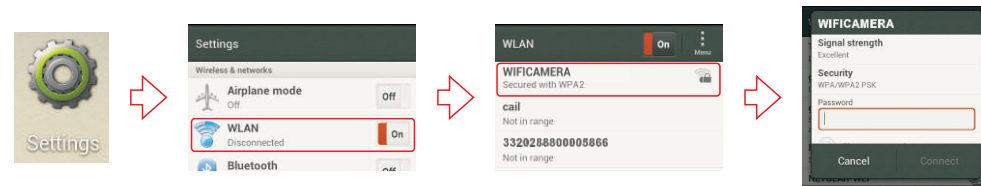
1. Turn on intelligent mobile device and enter Google Play store.
- Search for the software "wifi instrument cam", and download.
2. Touch Install. The software can be installed on your device.
3. After the installation is complete, the icon of the software is displayed on the home screen, as shown in the following figure.



◆ WiFi Connection


Touch "Settings" on the home screen of your device.

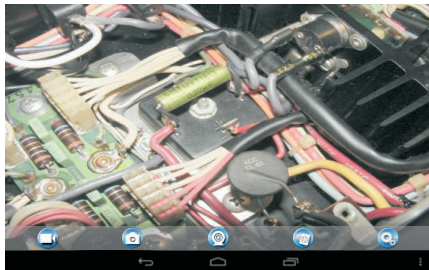
Touch "WLAN" and select your camera (The initial SSID is "WIFICAMERA") and connect the WiFi with default password (88888888).



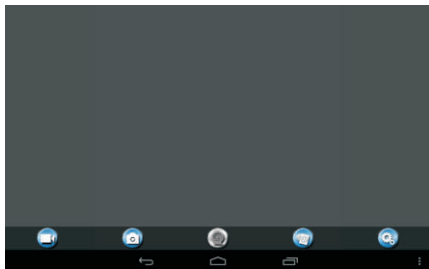
Note: When the WiFi connection problem, the user can turn on / off the power switch of handle to select WIFI channels. then reconnect the WIFI.


◆ Device Operation

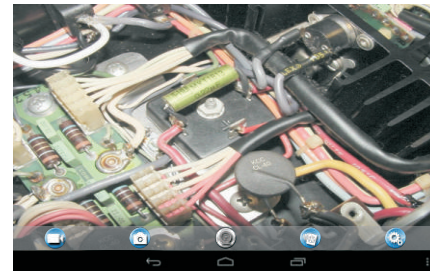
If the WiFi connection succeeds, this  icon is highlighted and you will see the image captured by the WiFi camera in applications.



If the WiFi connection fails, this  icon is dimmed and the background is black, as shown in the following figure.

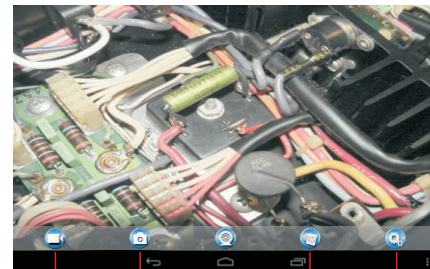


If a WiFi interruption occurs when you view an image, the  icon becomes dimmed and the picture viewing stops. In this case, exit the application and check whether the WiFi connection is proper.



When the WiFi connection succeeds, the home screen is displayed on the device.

Touch  to enter the software screen.




Record
a video

Take
a photo

Video/Photo
playback

Settings

❖ Record a video

Touch this  icon to record a video. The recording time is displayed in the upper left corner of the screen.






Touch this icon again to stop the recording.



❖ Take a photo


Touch this  icon to take a photo.

❖ Video and photo playback

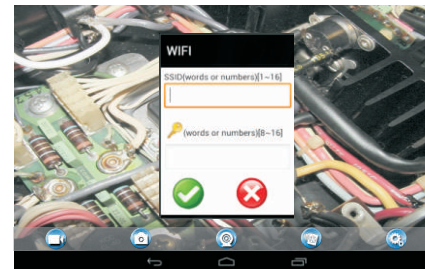
Touch this  icon to list saved videos and pictures. Touch  to list saved videos. You can select the video you want to play back or touch and hold the video to delete it. Touch  to list saved pictures. You can select the picture you want to view or touch and hold the picture to display . Then, touch  to delete the picture.



❖ Settings

Touch this  icon to display the settings menu. You can change the default SSID and password of the WiFi camera. Touch  to check whether the modification succeeds.

Touch  to cancel the setting.



◆ Important Notes:

After you change the SSID or password, touch Settings on the home screen to forget this network and reconnect your device to the network. Otherwise, a message indicating a login error is always displayed. To forget this network:

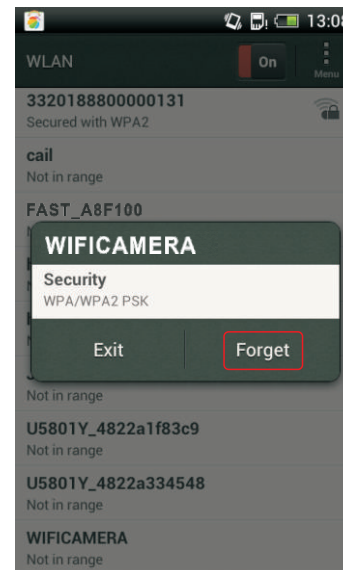
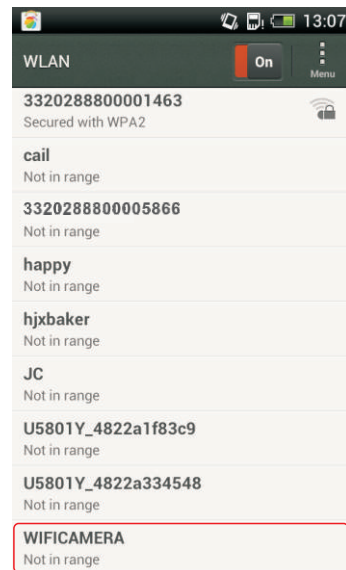
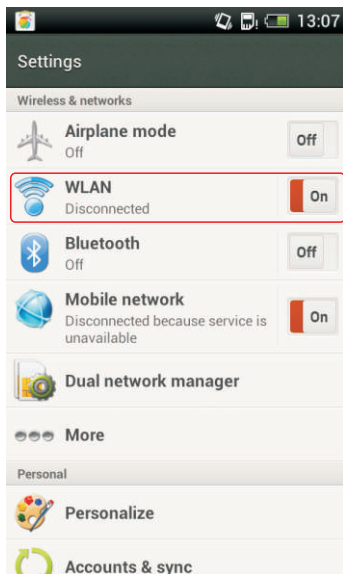
1. Touch "Settings" on the home screen of your device.



2. Touch **WLAN** to search for the WiFi name.

3. Then touch the modified WiFi camera.

4. Touch “Forget” to remove network records. Then, reconnect to the network using the previous WiFi connection methods.



Note: Normally the yellow light is on. When the red light is on, the battery voltage is low and the batteries must be replaced.

If you forget the SSID and password of the smart mobile device, you can press Reset on the product for 5 seconds to enable factory defaults.

Specifications

Model No.		GD8722	GD8723	GD8725	GD8726	GD8727	GD8729
camera	Imaging Sensor	CMOS					
	Effective Pixels	PAL 704 x 576	640 x 480	640 x 488	640 x 488	320 x 240	720 x 625
		NTSC 712 x 486	640 x 480	640 x 488	640 x 488	320 x 240	720 x 525
	Horizontal Viewing Angle	50°	45°	42°	35°	63°	48°
	Tube Diameter	17mm	9mm	5.8mm	17mm	4.5mm	5.5mm
	Minimum Illumination	0 Lux (LED ON)					
	Transmission Frequency	2400~2483.5MHz					
	Transmit Power	12+/-1.5 dBm					
	Receiver Sensitivity	11b:-90, 11g/n:-72 dBm					
	Modulation / Demodulation Mode	802.11b : DSSS (CCK, DQPSK, DBPSK) 802.11g/n : OFDM (BPSK, QPSK, 16QAM, 64QAM)					
	Transmission Rate	1~150M bps					
	Frequency Stability	±20 PPM					
	Unobstructed Effective Range	≥10 m					
	Working Voltage	DC 4V~6.5V					
	Consumption Current (Max.)	<400mA					
	Working Time	>1 hours					
	Power Supply	AA x 4 batteries (1.5V x 4)					
	Waterproof Capacity	IP67 (for lens/tube only)					
	Dimensions (W x D x H)	260 x 50 x 40 (mm) (Excluding Flexible Tube)					
	Handle Weight	174g					
	Operating Temperature	-10°C~50°C/14°F~122°F					
	Operating Humidity (Max.)	20~85%RH					

- * Actual transmission range of wireless monitoring may vary according to the weather, location, interference or building construction.
- * All specifications are subject to minor change without prior 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.

The graphics included in this user manual are subject to minor change without notice.