

# OWNER'S MANUAL

WIC5100

Wireless Inspection Camera  
With Color LCD Monitor



  
**WHISTLER**

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## Welcome

Congratulations on your purchase of our inspection video camera with color LCD monitor with video out capabilities. Please read the user manual carefully before using this product. This product is designed as a remote inspection device, appropriate for use in surveying pipes or other hard-to-reach places, equipment or furnishing installation, car repair, etc.

If you have any question concerning the operation of this Whistler product please call:

**Customer Service**  
**1-800-531-0004**  
**Monday - Friday 8:00AM - 5:00PM CT**  
**or visit:**  
**[www.whistlergroup.com](http://www.whistlergroup.com)**

# INTRODUCTION

Please keep your purchase receipt in a safe place. You may register your product online at [www.whistlergroup.com](http://www.whistlergroup.com). For warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work. If the unit is returned without a dated store receipt, an out of warranty service charge will be applied. **Note:** Your warranty period begins at the time of purchase. The warranty is validated only by dated store receipt! Please record the serial numbers (located on the back on the monitor and bottom of the handheld unit) in the space provided in the warranty section of this manual.

Enjoy your Whistler Inspection Camera.

Sincerely,

The Whistler Group, Inc.

## Packing List



# FEATURE DESCRIPTION

## Camera Unit



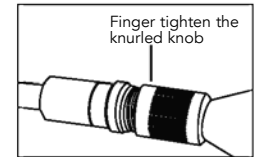
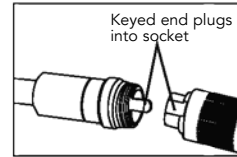
## Monitor



# INSTALLATION

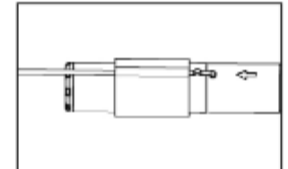
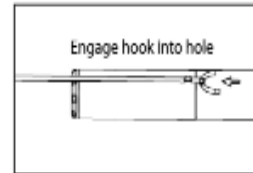
## Installing the Camera Flexible Tube

When connecting the camera tube to the handheld unit, make sure that the keyed ends are properly aligned. Once they are lined up, finger tighten the knob to hold the connector in place.



## Install the Accessories

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

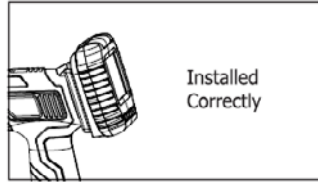
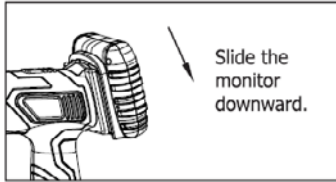


Place hook into hole at end of tube. Place rubber ring around camera head and hook.

## INSTALLATION

### Install Monitor for Wired Use

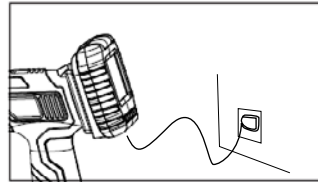
This product also supports wired use by connecting the monitor to the camera.



### Connect AC Adapter

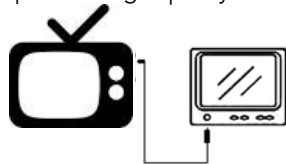
Connect the adapter to the monitor and then plug the adapter into a wall outlet. The power indicators on the handheld unit and the monitor will light red, which indicates the monitor and the handheld unit are charging at the same time and they will turn off after fully charged. The product can be used while charging.

**NOTE:** Monitor must be attached to handheld unit when charging.



### Video Out

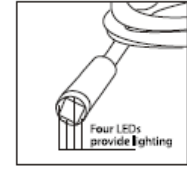
Insert the video cable into the Video Out jack on the side of the unit. Insert the other end of the video cable to a video in on a TV or other video monitor system. The unit will provide high quality video to an external monitor.



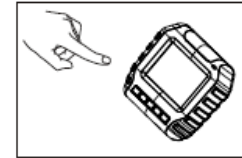
## OPERATION

### Operation

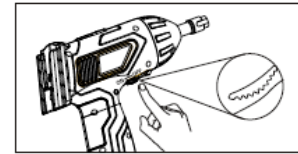
Rotate the ON/OFF switch to turn on the camera. The power indicator on top of the handheld unit will illuminate. The switch then acts as a dimmer of the LED's, that surrounds the camera and provide high quality lighting.




Press and hold on the Power ON/OFF button on monitor for 2 seconds, the power indicator will be green and the picture will display on LCD display.




Rotate the ON/Off switch to adjust the display brightness.



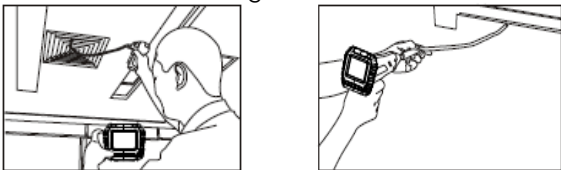
## OPERATION

To orientate the images displayed on LCD display, press the  button. Image orientation as below:



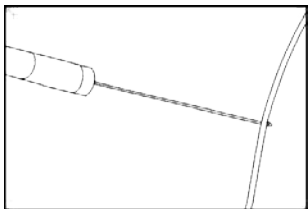
Press the  button to digital zoom the image. Zoom capacity of 1.5x, 2x and 3x.

Gently guide the tube into the desired location. Slight adjustments can be made while maneuvering the head in a forward direction.



**IMPORTANT:** The flexible tube can be bent to accommodate exploration in a variety of locations.

The accessories can be used to retrieve small items such as screws or rings.



## FCC INFORMATION



### CAUTION:

- Do not expose the monitor or handheld unit dripping or splashing liquids.
- Turn off camera and monitor when not in use.
- Use only the AC adaptor and cable supplied with the unit.
- Properly dispose of the batteries. Exposure to high temperatures can cause the batteries to explode. Do not dispose of the batteries in a fire. When stored, place tape over the terminals to prevent direct contact with other objects. Some countries have regulations concerning battery disposal. Please follow all applicable regulations.

### 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.

**IMPORTANT:** FCC requirements state that changes or modifications not expressly approved by Whistler could void the user's authority to operate the equipment.

**FCC ID: TW5GB8863**

## Troubleshooting

### Why won't the monitor turn on?

- Make sure that the monitor has been charged at least overnight before first use. Press the reset button on the unit.

### Message on monitor says to "See Manual for Troubleshooting".

- Make sure that the handheld unit is turned on and that the camera tube is properly attached to the handheld unit.

### The power light comes on but nothing shows on the screen?

- This could be due to weak batteries in the handheld. Replace batteries.
- Is the camera tube fully inserted to the handheld unit? When connecting the camera tube to the handheld unit, make sure the keyed ends are properly aligned. Once they are lined up, press in firmly and then finger tighten the knob to hold the connector in place.

### Why is my picture upside down?

- Simply press the image orientation button or move the camera tube to properly orient the image.

### What is the maximum depth the waterproof camera can be submerged?

- Approximately 12 feet - the camera extension limit of the unit. Camera tube has a rating of IP67.

### Why does the video look "Scrambled"?

- There are two video formats that the inspection camera can be set to: NTSC format which is used in North America. The PAL format is used in Europe and other overseas countries. Enter the menu selection and check the video format to make sure the monitor is in NTSC format.

### What format are the pictures and movies saved as?

- Still images are saved in a .jpg format. Movies are saved in a .avi format, with video resolution at 640x480 pixels.

### Video Output, will display live video or will it only display playback of recorded video?

- When connected to a different monitor the unit will display live video as well as picture and recorded playback.

	Model No.	WIC-5100
Camera	Image Sensor	CMOS
	Total Pixels	640x480
	Horizontal View Angle	48 degree
	Transmission Frequency	2468MHz
	Minimum Illumination	0 Lux
	Modulation Type	FM
	Bandwidth	18MHz
	Tube Diameter	9mm
	Unobstructed Effective Range	32.8 ft.
	Waterproof Capacity	IP67 (for camera tube only)
	Consumption Current (Max.)	200mA
	Charge Time (Min.)	3 hours
	Work Time (Min.)	4 hours
Dimensions (W x D x H)	8 x 7.2 x 2.2 (in.) (Exclude Flexible Tube)	
Monitor	Weight (Approximately)	1.02 lbs.
	LCD Screen Type	2.7" TFT-LCD
	Effective Pixels	960 (R.G.B.) X 240
	Video System	NTSC/PAL
	Transmission Frequency	2468MHz
	Consumption Current (Max.)	300mA
	Charge Time (Min.)	3 hours
	Work Time (Min.)	4 hours
	Frame Rate	30 frame/second
	Dimensions (W x D x H)	4 x 3.6 x 1.4 (in.)
Weight (Approximately)	0.4 lbs.	
Total	Power Supply	Built-in Li-battery
	Power Adapter	5V / 1000mA
	Operating Temperature	0°C~+40°C/+32°F~+104°F
	Operation Humidity	15% ~ 85% RH

# WARRANTY

## Consumer Warranty

This Whistler product is warranted to the original purchaser for a period of one (1) year from the date of original purchase against all defects in materials and workmanship, when purchased from an authorized Whistler retailer. **This limited warranty is void if the unit is abused, misused, modified, installed improperly, or if the housing and/or serial numbers have been removed.** There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to one (1) year. *Whistler is not liable for damages arising from the use, misuse, or operation of this product including but not limited to loss of time, inconvenience, loss of use of your product or property damage caused by your product or its failure to work, or any other incidental or consequential damages including personal injury.*

### DO NOT RETURN ITEM TO STORE WHERE PURCHASED.

FOR WARRANTY INFORMATION, CONTACT WHISTLER CUSTOMER SERVICE AT 1-800-531-0004.

Representatives are available to answer your questions Monday – Friday from 8:00 a.m. to 5:00 p.m. CST

## Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be considered out of warranty and therefore are not covered by the described Limited Warranty. (Refer to Service Out of Warranty section.)

Due to the specialized equipment necessary for testing Whistler products, there are no authorized service centers other than Whistler. When returning a unit for service under warranty, please follow these instructions:

# WARRANTY

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

## **Whistler Repair Dept.**

1412 South 1st St.  
Rogers, AR. 72756

Please allow 3 weeks turnaround time.

**IMPORTANT:** Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested. **CODs will not be accepted!**

2. Include with your unit the following information, clearly printed:
  - Your name and physical street address for shipping (no PO Boxes), a daytime telephone number, and an email address (if applicable).
  - A detailed description of the problem (e.g., "device will not power ON").
  - A copy of your dated proof of purchase or bill of sale.
3. Be certain your unit is returned with its serial number. Units without serial numbers are not covered under warranty.

**IMPORTANT:** To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase. For warranty verification purposes, a copy of your dated store receipt must accompany any Whistler product sent in for warranty work.

## Service Out Of Warranty

Units will be repaired at "out of warranty" service rates when:

- The unit's original warranty has expired.
- A dated proof of purchase is not supplied.
- The unit has been returned without its serial number.
- The unit has been misused, abused, modified, installed improperly, or had its housing removed.

# WARRANTY

The minimum out of warranty service fee for your Whistler WIC5100 is \$75.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a cashier's check or money order in the amount of \$75.00. Payment may also be made by MasterCard, VISA or American Express. **Personal checks are not accepted.**

In the event repairs cannot be covered by the minimum service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

**IMPORTANT:** When returning your unit for service, be certain to include a daytime telephone number and an email address (if applicable).

## Customer Service

If you have questions concerning the operation of your Whistler product, or require service during or after the warranty period, please call Customer Service at **1-800-531-0004**.

Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CST) or visit the F.A.Q.'s at [www.whistlergroup.com](http://www.whistlergroup.com).

## CORPORATE HEADQUARTERS

1716 SW Commerce Dr. Ste.8  
Bentonville, AR 72712  
Toll Free (800) 531-0004  
TEL (479) 273-6012  
FX (479) 273-2927  
[www.whistlergroup.com](http://www.whistlergroup.com)

## CUSTOMER RETURN CENTER

1412 South 1st St.  
Rogers, AR 72756  
Consumer Service Tel (800) 531-0004  
Email: [info@whistlergroup.com](mailto:info@whistlergroup.com)

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