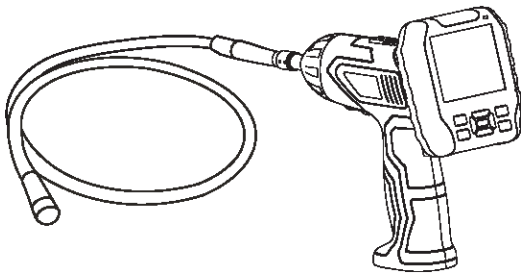


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WHISTLER

User Manual

Wireless Inspection Camera with Recording Color LCD Monitor

Model No.:PS500E



The Whistler Group Corporate Headquarters
3604 NW Frontage Rd • Bentonville, AR 72712
Tel 479.273.6012 • Fax 479.273.2927

Customer Return Center
551 N.13th St. • Rogers, AR 72756
Customer Service Tel 800.S31.0004

www.whistlergroup.com
Version No.1.0

Please read this User Manual carefully before using the product!

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WELCOME

Thank you for choosing our wireless inspection camera. Please read the user manual carefully before using this product. This product is designed as a remote inspection device. It can be used to look into tight spots and wirelessly transmit real-time video to the monitor.

If you have questions concerning the operation of this Whistler product, please call:

Customer Service

1-800-531-0004

Monday- Friday • 8:00am - 5:00 pm CT

or visit our website:

www.whistlergroup.com

Please keep the receipt in a safe place. You may register your product online at 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 applies. 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 of the monitor and bottom of the handheld unit) in the space provided in the warranty section of the manual.

Enjoy your Whistler Inspection Camera.

Sincerely,

The Whistler Group, Inc.

PACKING LIST



Handheld Unit



9mm Camera with
3.3 ft.tube



3.5 In.LCD Monlto



Video cable



Power Adapter



SBC;sble



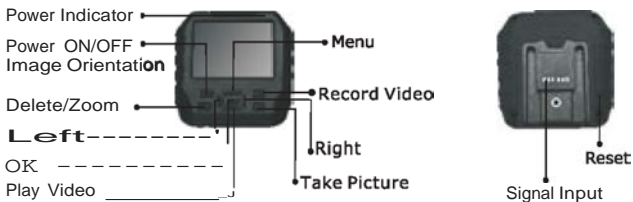
IS.emm Camera with
3.3 ft.tube

COMPONENTS / CONTROLS

Camera



Monitor



USB/Power Socket

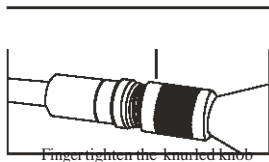
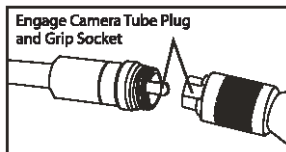
AV Out SD Card Socket

INSTALLATION

Install camera tube and micro SO card (optional) before using product.

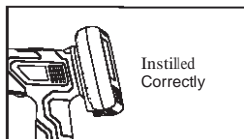
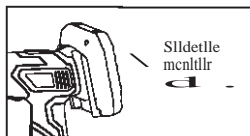
Install the Camera with Flexible Tube

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



Install Monitor for Wired Use

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



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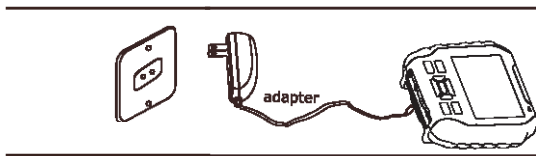
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Connect Power

Connect the USB 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 handheld unit are charging at the same time, and they will turn off after fully charged. The monitor LCD battery icon blinks when turned on and plugged in. The product can be used while charging.



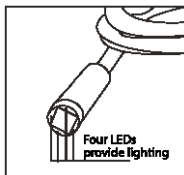
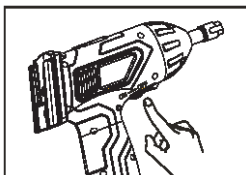
Video Output

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

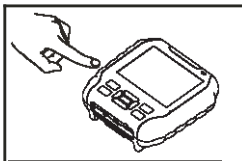
OPERATION

Basic Operation

1. 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 LEDs, that surround the camera and provide high quality lighting.



2. 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.
3. Quick press the power button to turn ON/OFF icons & Image orientation.

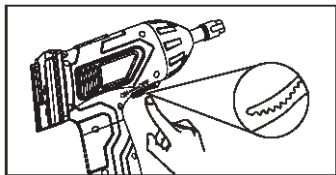


Quick press 1st to turn OFF the icons;
Quick press 2nd 4th to orientate the image;
Quick press 5th to recover the image and turn on the icons;
Continues press will repeat above operations.

Image orientation as below:



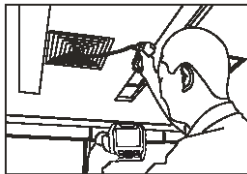
4. Rotate the ON/OFF switch to adjust brightness



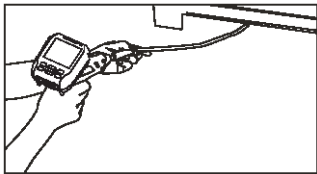
5. Press the **ie.** button to digital zoom the image.

Zoom capacity of 1.5X, 2X and 3X.

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



wireless



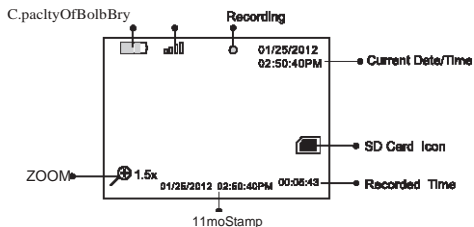
wired

- iii) The flexible tube can be bent to accommodate exploration in a variety of locations.

Other Operation and Settings for Monitor

Record Video

1. In the realtime monitoring status,press the **⏺** button to start recording.



2. Press again to stop recording and save the video.

- 1111**
- *The monitor could record audio at the same time
 - * The Video will be automatically saved as a file every 30 minutes.
 - * SD card is full when the SD card icon changes to **●On** .

Take Picture

1. In realtime monitoring status,press the **D** button to take a picture.

Play Video/Picture

1. In realtime monitoring status, press [E] button to display:

PLAYBACK	0001/0007
01/01/2012	EI
01/11/2012	EI
02/02/2012	EI
02/05/2012	EI
02/09/2012	1:1
02/11/2012	EI

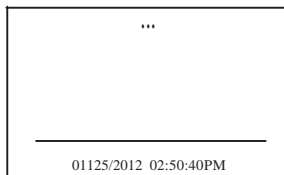
2. Press ..., or .., button to select folder, then press OK button to enter it:

0,01/20121	0002,0005
05:53:00	PM CICI
05:53:00	PM CICI
05:53:03	PM CICI
05:56:40	PM r:tj
05:59:03	PM r:tj
06:05:17	PM CICI

- Imii] * Mark CICI next to a file name indicates that the file is a video.
- * Mark f:l next to a file indicates that the file is a picture.
- * Use USB cable to download the files to PC. Play the video and audio on PC for better view.

3. *For playback video:*

Press ⏮ or button to select video, then press OK button to play



Pause:press OK button in playing status to pause;
press again to resume;

Fast Forward: press and hold on the button for about 2 seconds;

Fast Backward: press and hold on the button for about 2 seconds;
(In the fast forward or fast backward mode,press the OK button to
return to normal play mode.)

Stop/Exit: press the MENU button.

For *View Pictures*:

Press the button or button to select picture,press OK button to view
and press again to exit.

Delete Video/Picture

1. In realtime monitoring status, press [EJ button to display:

PLAYBACK I	0001/0007
01/0112012	EI
01/12/2012	EI
02/02/2012	EI
02/05/2012	EI
02/09/2012	EI
02/11/2012	EI

2. Press button or button to select folder,then press OK button.

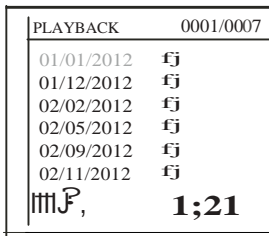
3. Press the button or button to select the file,and then press button.

01101/20121	0004/0005
05:53:00	PM O1
05:53:00	PM O1
05:53:03	PM O1
05:56:40	PM ttl
05:59:03	PM ttl
06:05:17	PM O1
QJg,	jg)!;2)

4. Press the **III** or button to select between and **1;21**, that is, to cancel or delete. Once you have yellow highlighted your selection, press the OK button.

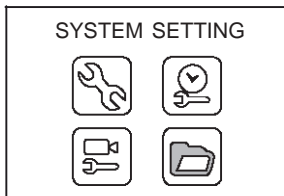
Deleting Folder

Deleting a folder is done in the same way as deleting a single file.



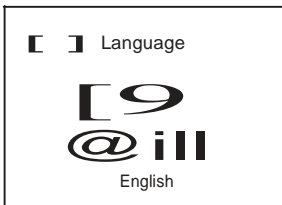
How to enter the Setting Mode

In real-time monitoring mode, press the **MENU** button.



Language Setting

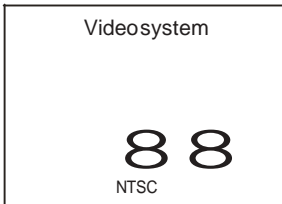
1. In the setting mode, press the **III** or button to select 'SYSTEM SETTING', and then press OK button.
2. Press the **III** or button to select 'Language', and then press OK button, the following interface will appear:



3. Press the **Left Arrow** or **Right Arrow** button to select your language.
4. Press OK button to confirm and exit.

Video System Setting

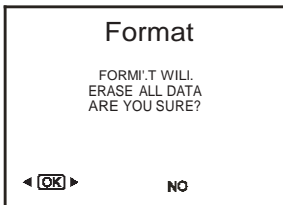
1. In the setting mode,press the **Left Arrow** or **Right Arrow** button to select 'SYSTEM SETTING',and then press OK button.
2. Press the **Left Arrow** or **Right Arrow** button to select 'Video System',and then press OK button.



3. Press the **Left Arrow** or **Right Arrow** button to select between PAL and NTSC. Once you have highlighted your desired selection,press the OK button.

Format

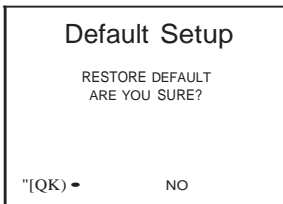
1. In the setting mode,press the **Left Arrow** or **Right Arrow** button to select 'SYSTEM SETTING',and then press OK button.
2. Press the **Left Arrow** or **Right Arrow** button to select 'Format',and then press OK button.



3. Press the **◀** or **▶** button to select between YES and NO, that is, to format or cancel. Once you have highlighted your selection, press the OK button.



Default Setup

1. In the setting mode, press the **◀** or **▶** button to select 'SYSTEM SETTING', and then press OK button.
2. Press the **◀** or **▶** button to select 'Default Setup' and then press OK button.



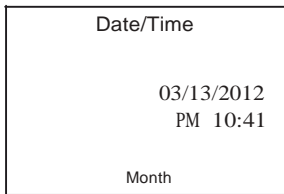
3. Press the **◀** or **▶** button to select between YES and NO, that is to restore default or cancel. Once you have highlighted your selection, press the OK button.


View Version Information

1. In the setting mode,press the  or button to select 'SYSTEM SETTING',and then press OK button.
2. Press the  or button to select 'Version'and then press OK button.
You will now be able to view the version details of this product.



Date/Time Setting

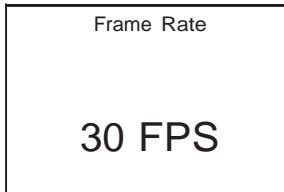
1. In the setting mode,press the  or button to select 'Date/Time' and then press OK button to enter the following interface:




2. Press OK button to select Date or Time; Press the  or button to modify. Press the MENU button to confirm and exit.

Frame Rate Setting

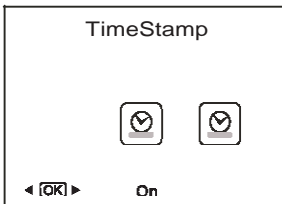
1. In the setting mode,press the  or button to select 'RECORDER SETTING',and then press OK button.
2. Press the  or button to select 'Frame Rate'and then press OK button.



3. Press the  or ...button to select suitable frame rate. press OK button to confirm and exit.

Time Stamp Setting

1. In the setting mode, press the **◀** or **▶** button to select 'RECORDER SETTING', and then press OK button.
2. Press the **◀** **On** button to select 'Time Stamp' and then press OK button.



3. Press the **<||||** and **||||>** buttons to select "NO" or "OFF", then press OK button to confirm and exit.

Event Playback

1. In the setting mode, press the **◀** or **▶** button to select 'EVENT PLAYBACK', and then press OK button.
2. For other operation, see "Play Video/Picture", "Delete Video/Picture", "Delete Folder" section.

SPECIFICATIONS

	Model No.	PS500E
!!! at (.)	Image Sensor	CMOS
	Total Pixels	640x480 (9mm)/648x488(5.8mm)
	Horizontal View Angle	48 degree (9mm)/35 degree(5.8mm)
	Transmission Frequency	2468MHz
	Minimum Illumination	0 Lux
	Modulation Type	FM
	Bandwidth	18MHz
	Tube Diameter	9mm/5.8mm
	Unobstructed Effective Range	32.8 ft.
	Waterproof Capacity	IP67 (for camera tube only)
	Consumption Current (Max.)	200mA
	Charge Time (Min.)	3 hours
	Work Time (V/in.)	4 hours
	Dimensions (N x D x H)	8 x 7.2 x 2.2 (in.) (Exclude Flexible Tube)
	Weight (proximately)	1.021bs.
,G :E	LCD Screen Type	3.5TFT-LCD
	Effective Pixels	320 G.B.)X240
	Video System	NTSC/PAL
	Transmission Frequency	2468MHz
	Consumption Current (Max.)	300mA
	Charge Time (Min.)	3 hours
	Work Time (V/in.)	2 hours
	Picture/Video Resolution	640x480 pixels
	Frame Rate	30 frame/second
	Memory	SD Card
	Picture Format	JPG
	Video Format	AVI
	Video Size	<27M byte/minute
	Dimensions (W x D x H)	4.4 x 4.4 x 1.5 (in.)
	Weight (proximately)	0.511bs.
iii ;§	Power Supply	Built-in Li-battery
	USB Power Adapter	5V /1500mA
	Operating Temperature	0°C +40°C/+32°F +104°F
	Operation Humidity	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.

A CAUTION

- Do not expose the monitor or handheld unit to dripping or splashing liquids.
- Turn off the 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 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.

WARRANTY INFORMATION

Consumer warranty

This Whistler Inspection camera is warranted to the original purchaser for a period of one year from the date of original purchase against all defects in materials and workmanship. This limited warranty is void if the unit is abused, 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 the above time. Whistler is not liable for damages arising from the use, misuse, or operation of this product. During the warranty period, defective units will be repaired without charge to the purchaser when returned with a dated store receipt to the address below. Units returned without a dated store receipt will be handled as described in section "Service Out of Warranty".

Note: Damage caused by incorrect battery placement or battery leakage is not covered under this warranty.

When returning a unit for service, please follow these instructions:

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt request to: Whistler Repair Dept.
551 N. 13th St.
Rogers, AR 72756

Please allow 3 weeks turnaround time.

Important: Whistler will not insure 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 street address (for shipping via UPS), a daytime telephone number and an email address, if applicable.
- A detailed description of the problem (e.g., "cannot adjust brightness on monitor").
- A copy of your dated store receipt or bill of sale.

3. Be certain your unit is returned with its serial number. For reference, please write your unit's serial numbers in the following spaces: Monitor SIN: _____ Handheld unit SIN: _____

Units without serial numbers are not covered under warranty. Important: To validate flat your unit is within the warranty period, make sure you keep a copy of your dated store receipt. You may register your warranty online at www.whistlergroup.com, however, for warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty.

Service Out of Warranty

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

- The unit's original warranty has expired.
- A dated store receipt is not supplied.
- The unit has been returned without its serial number.
- The unit has been abused, modified, installed improperly, or had its housing not moved.

The minimum out of warranty service fee for your Whistler Inspection Camera 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 certified check or money order for \$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 \$75.00 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you. If you elect not to have your unit repaired, it will be returned to you along with your certified check or money order.

ACCESSORIES

c.al1-8f:».SlT-000401 visit www.whistrgroup.com for available accessories.

TROUBLESHOOTING

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Vklortdflolutton ltMOX480 Ptle•tr.

The monitor works great when close to the handset but reception gets worse the further away the monitor is from the handheld unit.

Make sure there are no Bluetooth devices, Cordless Phones or home network devices turned on as these devices can cause interference.

Video Output, will it 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.

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.

FCC ID: TW5GB8863

Note: Changes or modifications not expressly approved by Whistler 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.

