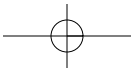
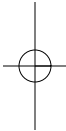


CAPTUREVIEW®

8 x 22 VGA Digital Camera Binocular





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Quick Start

How to start taking pictures...



1

Install 2 AAA batteries
(not included).

2

Turn on camera.
Press and hold down
Mode for 3 seconds.

3

Point at something
interesting.

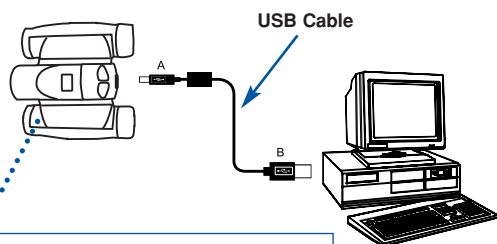
4

Press the Shutter.
You've taken a picture!

4

Quick Start

How to download your pictures...



5

Install the drivers.

Before you plug in the camera, install the drivers from the included CD-Rom.

6

Plug in.

Connect CaptureView to your PC (not Mac compatible) using the included USB cable.

7

Install Ulead Photo Explorer.

Click on Ulead Photo Explorer and follow the on-screen instructions.

8

Enjoy your photos.

Open Ulead Photo Explorer to view, edit and print your pictures.

Features



Fig. 1 & 2 (Top and Front Views):

1. Eyepieces
2. Mode Button
3. Shutter Button
4. LCD Panel
5. Objective Lens
6. Barrel
7. Camera Lens
8. Diopter Scale (on right eyepiece)
9. Focus knob

Features

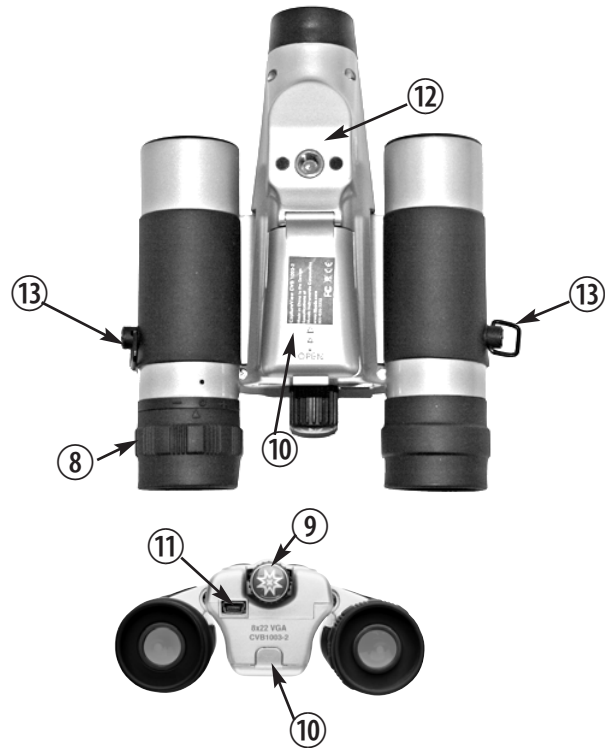


Fig. 3 & 4 (Bottom and Rear Views):

- 8. Diopter Scale
(on right eyepiece)
- 9. Focus knob
- 10. Battery
Compartment Lid
- 11. USB Port
- 12. Tripod Mounting
hole
- 13. Strap clips

Introduction

Congratulations on purchasing the Meade® CaptureView® 8 x 22mm full-featured binocular. It is integrated with a digital camera that requires no film to capture pictures or video. This manual is designed to quickly guide you through the operation of your CaptureView. For best results, take a few moments to become familiar with the operation of your device, and save the manual for future reference.

CaptureView has the following features:

- Fully functional binocular.
- Capture pictures and video, and view them on your PC.
- Use CaptureView as an 8x webcam
- Transfer pictures and video to your PC for easy printing and editing.
- E-mail pictures to your friends and family.
- LCD display panel indicates status for ease in performing desired operations.

Important Note: Images in the camera will be lost if the batteries are depleted or if the batteries are removed for more than 180 seconds (3 minutes). Accordingly, change the batteries when they run low. Images will be maintained in memory for approximately 3 minutes when changing batteries. It is recommended that you download your images before changing the batteries.

To conserve battery life, remove batteries after downloading images to a computer. There is continual battery drainage even when CaptureView is turned off.

Be sure CaptureView is off before changing batteries.



WARNING! Never use a Meade binocular to look at the Sun! Looking at or near the Sun will cause instant and irreversible damage to your eye. Eye damage is often painless, so there is no warning to the observer that damage has occurred until it is too late. Do not point the binocular at or near the Sun. Children should always have adult supervision while observing.

How to Use Your Binocular

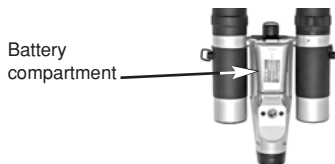
If you want to...	Do this...
Adjust Eye Relief Fold down 	If you wear eyeglasses, fold down the rubber eyecups and hold the eyepieces up against your glasses.
Adjust the Barrels <i>You need to adjust the barrels, as the distance between your eyes is usually different than the distance between another person's eyes.</i> 	1. Hold CaptureView up to your eyes in the normal viewing position. Use both hands to hold each barrel firmly. 2. Pull the barrels apart or push the barrels together until you see a single circular field with both of your eyes.

How to Use Your Binocular

If you want to...	Do this...
Focus the Binocular  The diagram shows a pair of binoculars. An arrow points to the top of the right eyepiece, labeled 'Diopter scale'. Another arrow points to the central wheel between the eyepieces, labeled 'Focus knob'.	1. Set the Diopter Scale on underside of CaptureView at its center point between "+" and "-." 2. Choose an object (such as a telephone pole) that is at least 50 feet (15m.) away. 3. Looking with only your left eye, rotate the Focus Knob until the object you are viewing is focused. 4. Looking with only your right eye, rotate the Diopter Scale until the object you are viewing is focused. 5. Now, looking with both eyes, rotate the Focus Knob to focus on both far and near objects.

How to Use Your Camera

CaptureView performs best under good lighting conditions. Take some time to practice capturing still pictures and video. Depending on the available light and your distance from the object, captured images may not appear as bright or centered as viewed through the binoculars. CaptureView has a fixed focus (you cannot focus the camera manually) and takes focused pictures even if the image in the binoculars is out-of-focus.

If you want to...	Do this...
Insert Batteries  Battery compartment	1. Make sure camera is off before changing batteries. 2. Push the battery compartment lid forward and lift to open. 3. Insert 2 AAA 1.5v (user-supplied) batteries into the compartment, noting the correct polarity as illustrated inside the compartment.
Select an Operation  Mode Shutter	• Press and hold the Mode button for 3 to 5 seconds to turn on the camera. • Press the Mode button to display and cycle through the operation icons on the LCD. • Press the Shutter button when the desired icon is displayed to select an operation.

Taking Pictures and Video

If you want to...	Do this...
Take a Still Picture  <i>The amount of pictures you can take:</i> <i>High Resolution (640 x 480): 80</i> <i>Low Resolution (320 x 240): 300</i> <i>The number of photos you may take will decrease if you have also taken video.</i>	1. Press and hold down the Mode button for 3 to 5 seconds to turn on the camera. The camera will beep and the camera icon displays on the LCD. The counter, battery life and resolution icons also display. 2. Point the binoculars at an object. You may use the focus knob to focus the image in the binocular, but keep in mind that the camera has a fixed focus and is not affected by the focus knob. 3. Hold CaptureView steady and press the Shutter button. Note that the counter advances. For example, if the counter reads "016," this means that this is your sixteenth

Taking Pictures and Video

If you want to...

Do this...

Take Video



Mode Shutter

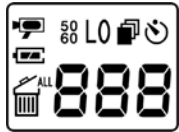
*The maximum length of a video:
Up to 30 seconds.*

*The length of video will decrease if
you have also taken still pictures.*

1. Press and hold down the Mode button for 3 to 5 seconds to turn on the camera.
2. Press the Mode button four times and the Video mode icon displays. Press the shutter button to select the video mode.
3. Point the binoculars at the scene you wish to capture.
4. Press and hold down the Shutter button. The camera now captures a movie.
- 5 Release the Shutter button to stop recording the movie. Note that the number of pictures advances by one (a movie counts as one object).

Important Note: Video has a maximum length of 30 seconds in the low-res mode. If you exceed the memory capacity, a "Full" message will appear on the display and CaptureView will stop recording.

Operations

If you want to...	Do this...
Use the Mode and Shutter Buttons  Mode Shutter Operation Icons  Icons on LCD  Self-Timer Lo Res. Video Frame Rate Erase Last Erase All	- Press and hold the Mode button for 3 to 5 seconds to turn the camera on or off. - Use the Mode button to cycle through the operation icons. As you press the Mode button, the operation icons display on-screen in the following order: - Camera (default mode, no icon) - Self-timer - Resolution (High is default,) - Video - Frame rate (50 or 60 fps) - Erase Last Image - Erase All Images The next press returns you to the Camera icon. - Press the Shutter button when the desired icon is displayed to activate the operation. - Use the Shutter button to take a picture, and to begin or end the recording of a movie.

Operations

If you want to...	Do this...
Use the Camera Mode	The camera mode is the default setting. Press the Shutter button to take a still picture.
Change the Camera Resolution  Lo Res. H: High Resolution mode (640 x 480). L: Low Resolution mode (320 x 240). (The default setting is High Resolution; no icon.)	- High resolution is the default setting. - The first time you turn on the camera, it defaults to High Resolution. This is the default setting. - To change the resolution, keep pressing the Mode button until the Low Resolution (LO) icon displays. Then press the Shutter button to select Low Resolution. Low resolution allows you to capture more images with your camera.

Operations

If you want to...	Do this...
Use the Video Mode  Video Icon <i>Note: The length of a video depends on how much memory you have available. Audio recording is not available with this camera.</i>	• Keep pressing the Mode button until the Video icon displays. Press the shutter button to select the video mode. Then press and hold down the Shutter button to begin recording a movie. Release the Shutter button again to stop recording.
Erase (delete) Pictures or Video  Erase Last Icon  Erase All Icon	• Erase Last. Keep pressing the Mode button until the Erase Last Image icon flashes. Press the Shutter button twice to erase the last captured image or movie. • Erase All. Keep pressing the Mode button until the Erase All Image flashing icon displays and then press the Shutter button. The number of pictures will flash between 0 and the current number on the camera. Press and hold the shutter button to erase the images, You will hear a long beep followed by a loud beep.

Operations

If you want to...	Do this...
Find Out How Many Pictures You Have Taken 888 Counter Display	Check out the LCD Counter. The counter displays the number of pictures or videos taken, from 0 to 999.
Use the Self-timer  Self-Timer Icon	Keep pressing the Mode button until the Self-timer icon displays and press the Shutter button. The camera then pauses for about 10 seconds: It sends out 5 slow and then several fast warning beeps before taking the picture.

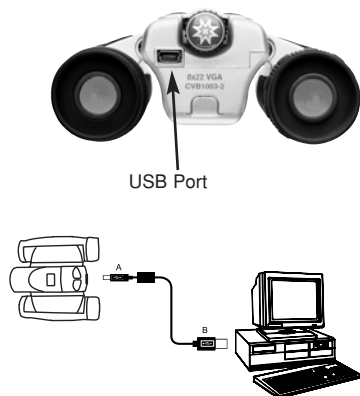
Operations

If you want to...	Do this...
Find Out How Much Power is Left in the Batteries  Full Power Indicator  Half Power Indicator  Low Power Indicator	Check the battery indicators on the display.
Find Out Why CaptureView is Beeping <i>Note: When the battery is low, CaptureView sends out three short high beeps. It is recommended you download the pictures or change the batteries at this time. If you change the battery, remember that you have 3 minutes to change the batteries before your images are deleted.</i>	Listen for the following patterns: Power on: Two short high beeps. Wake up: One long high beep. Sleep: One short high beep. Takes a picture: One short beep. Failed to take picture due to insufficient memory: Five short high beeps Low battery: Three short high beeps (beeps only when powering on). Self-timer: Sends out 5 slow, then several fast beeps before taking a picture.

Operations

If you want to...

Connect CaptureView to a PC



Note: See "Troubleshooting," page 25, for more information about connecting CaptureView to your PC.

Do this...

Drivers must be installed on your PC and can be found on the included CD-Rom.

1) Insert the CD-ROM and install the driver for downloading your pictures or video. (See next page.)

Important Note: Do not plug the camera into your PC until after the drivers have been installed.

2) Just attach one end of the USB cable to the camera's USB port and the other end to your PC's USB port. Your computer will automatically recognize the device.

Use Ulead Photo Explorer to import Photos to your PC.

Operations

If you want to...	Do this...
Install Image Editing Software (Ulead Photo Explorer)	1. Insert supplied CD Rom into your PC's drive. 2. A splash screen displays. Click on "Ulead Photo Explorer." 3. Follow on-screen instructions. 4. After you click "Finish," the Ulead Photo Explorer icon appears on your desktop. 5. Double-click the icon to launch the program. You can now view, edit and print your images. Photo Explorer allows you to import the camera's photos.

Operations

If you want to...	Do this...
Download Images to Your PC... <i>Note: Perform this procedure after you install drivers and connect the USB cable from your camera to your display. See the previous page for more information.</i>  Photo Express Twain Acquire icon.	1. Start Photo Explorer. 2. Select a folder to which you can transfer your images. In the left hand column, first double click on "My Documents," and then double-click "My Pictures." 3. Go to the File menu and select "Twain Acquire." 4. Choose the "Select Source" option. 5. Choose "Dual Mode Camera 8008 VGA+" from the Source window and click the Select button. 6. Click "Twain Acquire" icon (image of a scanner with an arrow pointing a display screen in the button bar). The image capture screen displays. Photos that you download will display on the right. The large screen displays a live "web-cam" feed from your camera. (Continued...)

Operations

If you want to...	Do this...
Download Pictures to your PC.. (continued)  Photo Express Download icon.  Photo Express Arrow icons.  Transfer TransferAll EraseAll Exit Photo Express icons.	7. Click on the download icon, the right-most icon on the bottom of the image capture screen. Your images will download as small images on the righthand side of the screen. 8. Use the Up and Down Arrows to scroll through your images. Click Erase All to erase all the photos from the camera. Scroll through the images and select an individual photo to erase. 9. Click the Transfer All or Transfer icons to transfer your photos to the Photo Explorer program. Select Exit to leave the image capture screen. Thumbnails of the images you have transferred will display in the Photo Explorer program. Double-click on a thumbnail to enlarge the image to its original size. Use Photo Explorer's settings to edit your images.

Operations

If you want to...	Do this...
To Capture Video Using the Live Feed (Webcam) Feature :  SnapShot Photo Express Snapshot icon.	With a live image displaying on the image capture screen, click the video capture (movie reel) icon. You will be prompted to name the video and to select a folder in which to save the video. Click start to begin capturing the video and click the video capture icon again to end the capture. You may also enter a time limit for video capturing. Enter the time limit and click start. CaptureView will capture video for the length of time that you set.
To Take a Snapshot Using the Live Feed (Webcam) Feature: With a live image displaying on the image capture screen, click the "Snapshot" icon. The image immediately display as the top small image on the right side of the screen. You may now use the transfer icon to transfer the image to Explorer or use the Erase icon to delete the image.     Transfer TransferAll EraseAll Exit Photo Express icons.	To download a video you have previously captured with the CaptureView, click transfer—you will be prompted to name and select a location for your video.

Operations

Software

The included CD ROM contains Ulead Photo Explorer that will assist you in editing your images, allow you to transfer images to email, and provide you with other useful functions. Ulead Photo Explorer is a proprietary program and may not be sold, licensed or distributed without the express written consent of Ulead. For more information about Ulead Photo Explorer, visit the Ulead website at www.ulead.com/pex. Click on the "Product Documents" link in the Download section of their homepage to find a link for the Photo Explorer manual.

System Requirements

- Windows 98SE/Win Me/Win 2000/Win XP
- 366MHz (or equivalent) processor or faster.
- 128MB of RAM free over System requirements
- Video (VGA) card with 16MB of RAM minimum, High Color display.
- 4x CD-ROM drive.
- USB port (1.1).
- 600MB of free hard drive space.

If you have questions regarding your PC system specifications, please contact your PC manufacturer.

Maintenance

Care of your CaptureView

1. Never immerse CaptureView in liquid. Remove dust or stains with a soft cloth dampened with water or neutral detergent. Keep in a dry, cool dust-free environment or a container when it is not being used.
Do not spray liquid cleaners directly onto LCD. Using only gentle pressure, wipe the LCD with a slightly dampened cleaning cloth.
2. **Important Note:** *Images in the camera will be lost if the batteries are depleted or if the batteries are removed for more than 3 minutes. Accordingly, change the batteries when they run low. Images will be maintained in memory for approximately 3 minutes when changing batteries.*
To conserve battery life, remove batteries after downloading images to a computer. There is continual battery drainage even when CaptureView is turned off.
Be sure CaptureView is off before changing batteries.
3. Avoid dropping CaptureView. Do not disassemble CaptureView.

Troubleshooting

It is very important to use the following connection and disconnection procedures to download pictures.

1. Only connect CaptureView to your PC when the PC is on and Windows has completed loading.
2. Your CaptureView camera and PC must be connected before importing photos.
3. Avoid physically connecting, disconnecting and reconnecting the camera during a download session. Instead, disconnect the camera using Windows software:
Right-click the USB on-screen icon and select disconnect (or connect to reconnect).
4. Always disconnect CaptureView before shutting down the PC.

Specifications

Binocular power	8X
Binocular objective lens diameter	22mm
Binocular optical design	Folding roof prism
Binocular close focus	16 ft.
Field of view (diagonal)	7.0°
Binocular field of view	242 ft. at 1000 yds.
Image capture resolution	640 x 480, 320 x 240
Maximum length of movie	Up to 29 seconds
Camera aperture	f/4.0; fixed lens
Optimum camera range	32 ft. to infinity
Memory	8MB SDRAM
Storage capacity at each resolution	640 x 480: 80 images 320 x 240: 300 images
Operating system requirements	Windows 98SE/2000/Me/XP (not Mac compatible)
Operating environment	41° to 104° F (5° to 40° C). 20%-85% relative humidity, non-condensing
Interface type	USB
Display	Icon LCD
Weight	9.7 oz. (276g)
Product dimensions	4.75" W x 1.4" H x 4.25" D
Batteries (user supplied)	Two x AAA 1.5V alkaline
Accessories (included)	USB cable, instructions, neck strap, cleaning cloth, carry case, CD ROM with image editing software

BINOCULAR/DIGITAL CAMERA LIMITED WARRANTY

Every Meade binocular/digital camera is warranted by Meade Instruments ("Meade") to be free of defects in materials and workmanship for a period of ONE YEAR from the date of original purchase in the U.S.A. and Canada. At its option, Meade will repair or replace the product, or part thereof, found upon inspection by Meade to be defective, provided the defective part or product is returned to Meade, as explained below. This warranty applies to the original purchaser only and is non-transferable. Meade products purchased outside North America are not included in this warranty, but are covered under separate warranties issued by Meade International Distributors.

RGA Number Required: Prior to the return of any product or part, a Return Goods Authorization (RGA) number must be obtained from Meade by writing to the address below, or by calling (800) 626-3233. Each returned part or product must include a written statement detailing the nature of the claimed defect, as well as the owner's name, address, and phone number.

This warranty is not valid in cases where the product has been abused or mishandled, where unauthorized repairs have been attempted or performed, or where depreciation of the product is due to normal wear-and tear. Meade specifically disclaims special, indirect, or consequential damages or lost profit, which may result from a breach of this warranty. Any implied warranties which cannot be disclaimed are hereby limited to a term of one year from the date of original retail purchase.

This warranty gives you specific rights. You may have other rights which vary from state to state. Meade reserves the right to change product specifications or to discontinue productions without prior notice. This warranty supersedes all previous Meade binocular warranties.

Any return made in the U.S.A. under this limited warranty must follow this procedure:

Packaging:

If possible, ship the product in its original packaging. Please be sure to wrap the package securely and use filament strapping tape on the outside of the package. Send only the product to be repaired. Please do not send accessory items, such as dust caps, carrying case, etc.

What to Include with Your Product:

- A short note explaining the reasons you are sending the product in for repair.
- Your daytime phone number.
- The RGA Number
- An address for returning your product to you. (No PO boxes, please).
- A check or money order in the amount of \$10 to cover shipping and handling fees.

Shipping:

We recommend that you ship your product to us by a traceable parcel service. We also recommend that you insure your shipment against loss. Many carriers automatically insure packages up to a certain nominal amount, typically \$100. Please check to see if the insurance provided by the carrier is adequate to cover the replacement value of your product. If you live in the United States, your product should be sent, freight prepaid, to:

Meade Instruments,
Attn: Binocular/Digital Repair
6001 Oak Canyon
Irvine, CA 92618

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03/07