

VIVITAR®

VIVCVIR16
INSTRUCTION MANUAL

DIGITAL CAMERA BINOCULAR WITH NIGHT VISION



Take Picture



Take Video



Screen



Micro SD Card



Rechargeable



Day and Night



Digital Zoom



Compass



5K Video



96 MP Photo



Infrared Spotlight



10° Field of View

Important Safety Precautions

When using your Vivitar Digital Camera Binoculars basic safety precautions should always be followed, including the following:

1. READ ALL INSTRUCTIONS BEFORE USING YOUR CAMERA.
2. Do not use your camera near water. Shut down immediately and remove the battery if it is exposed to water or short circuiting.
3. Do not place your camera on any wet surfaces.
4. Do not allow children or the infirm to play with your camera without adult supervision.
5. Do not expose your camera to excessive heat, flames or fire.
6. Always press all buttons or switches carefully. Do not manhandle your camera.
7. Do not use in extremely dry environments, as this can lead to static discharge during usage.
8. Do not expose your camera to temperatures above 50°C.
9. Do not attempt to repair this product yourself. Contact a qualified service center if your camera is in need of service.
10. Do not drop, puncture or expose your camera to excessive trauma.
11. Your camera is not intended for commercial use.
12. Do not place near objects that generate a strong magnetic field.
13. Unplug this device when not in use for long periods of time or during lightning storms.
14. Only use the supplied battery. Do not use if the battery has expanded or leaked. If the battery or any parts have been swallowed, seek medical attention immediately.
15. Do not operate your camera while you are driving an automobile.
16. Store in a cool, dry environment when not in use.
17. Before use, make sure that the battery has been fully charged and that a suitable memory card inserted.
18. WARNING: DO NOT STARE AT THE SUN DIRECTLY THROUGH THIS CAMERA OR ANY OTHER DEVICE. DOING SO WILL DAMAGE YOUR EYES.

BATTERY WARNING:

- Do not connect improperly.
- Do not dispose of in fire or expose to excess heat.
- Do not crush, puncture, incinerate, or short circuit external contacts.

Please recycle or dispose of the battery properly. Contact local recycling facilities and/or the manufacturer of your battery for further information

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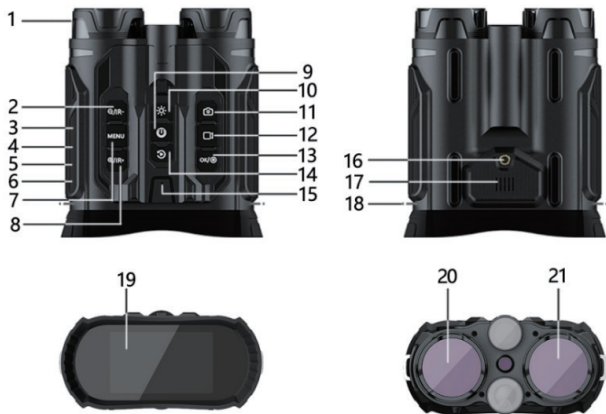
Introduction

Thank you for purchasing your Vivitar Digital Camera Binoculars, item VIVCVIR16. Use the night vision function to see in the dark. In order to get the best results when using this device, please read this manual first before using.

Package Contents

- Night Vision Binoculars
- 32GB Micro SD Card
- USB-C Cable
- USB Card Reader
- Camera Strap
- Carrying Case
- Microfiber Cloth
- User's Manual with Warranty Information

A Quick Look at Your Camera



A Quick Look at Your Camera (Continued)

1. Focus Wheel	2. IR Down/Zoom Out/Down Button
3. microSD Card Slot	4. Reset Button
5. USB Port	6. Indicator Light
7. Menu Button	8. IR Up/Zoom IN/Up Button
9. Power Button	10. Light Button
11. Photo Mode Button	12. Video Mode Button
13. OK/Shutter Button	14. Playback Mode Button
15. Microphone	16. Tripod Hole
17. Speaker	18. Buckle
19. Display Screen	20. Infrared Emitter
21. Lens	

Charging Your Device

Before using the device, ensure it is fully charged by using the provided USB-C cable. Insert one end of the cable into the USB port on the top of the binocular. Insert the other end of the charging cable into the USB port of a suitable USB charging adapter. While charging the charging indicator light will be red. When fully charged the indicator light will turn off.

NOTE: To activate the 7-level infrared function, the battery must be fully charged. The infrared level adjusts based on the battery level.

Inserting a Memory Card

Before powering on your camera, insert a microSD memory card into the memory card slot. A microSD memory card is required to store recorded photos and videos.

1. Locate the microSD card slot.
2. Insert a microSD Card, ensuring it snaps securely.

NOTE:

1. If a "Card is Full" error message appears on your display screen, you can delete files or use another card to take more photos or videos.
2. You may need to format a memory card for the camera to recognize it properly. Be sure to backup any files stored on a memory card before formatting, as the formatting process will delete all files stored on the card.

Button Functions

Power Button

- Press and hold to power on the camera.
- Press and hold to power off the camera.

Photo Mode Button

- Press to enter photo mode.

Video Mode Button

- Press to enter video mode.

Playback Mode Button

- Press to enter playback mode.

Menu Button

- Press to access the settings menu.

Light Button

- Press to change the light mode.

OK/Shutter Button

- Press to start/stop capturing photos and videos.

IR+/Up/Zoom In Button

- Press to activate infrared. Press repeatedly to increase infrared level.
- Press and hold to zoom in.

IR-/Down/ Zoom Out Button

- Press repeatedly to decrease infrared level.
- Press and hold to reduce zoom.

IR-LED Night Vision

While your camera is in photo or video mode in a dark environment, press the IR+ button to activate the IR-LED night vision light.

There are seven levels of IR-LED light intensity. To change the IR-LED intensity press the IR+ to increase intensity or IR- button to decrease intensity until you reach the desired result.

Depending on the battery charge, IR intensity may change. At full charge, intensity can reach seven. At half charge, intensity can go up to five. At a quarter charge, intensity can only be raised to three.

Note: This camera cannot observe objects through glass.

Powering On & Off

Powering On

Press and hold the Power button to power on your camera.

Powering Off

Press and hold the Power button to power off your camera.

Switching Modes

Your camera has three different modes, photo mode, video mode and playback mode. To switch between modes, press the applicable mode button.

Instructions for DigitalCompass

1. After powering on, hold the device horizontally and keep away from metal and magnetic interference.
2. The screen displays N (North), S (South), E (East), W (West). Rotate the device to view the corresponding direction.
3. If the direction is inaccurate, calibrate the night vision device by moving it in an infinity (∞) pattern.
4. Avoid violent shaking during use and do not store near strong magnetic objects.

Accessing Menus

After powering on the camera, press the Menu button to open the settings menu.

Each mode has its corresponding menu, which can be accessed by pressing the "Menu" button. To change photo/video settings, open the menu for the respective mode and make your selection.

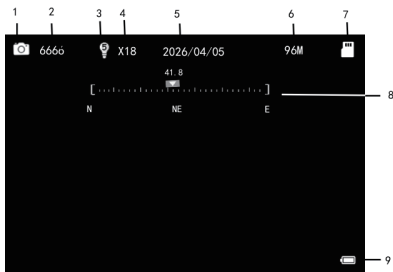
Use the IR+ and IR- buttons to navigate the menu.

Press the Shutter button to select an option.

Press the Menu button again to exit the menu.

Photo Mode/Taking Photos

After powering on your camera, press the Photo Mode button to enter Photo mode. On Photo mode, you should see a camera icon at the upper left corner of your display screen.



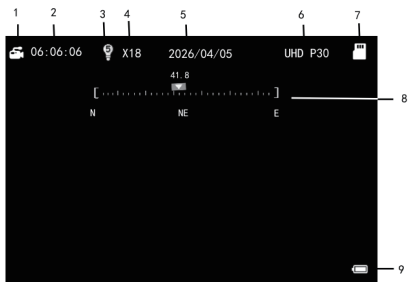
1. Camera Icon	2. Number of Available Pictures
3. Infrared Light Display	4. ZOOM
5. Time Stamp	6. Photo Resolution
7. Memory Card Indicator	8. Compass
9. Battery Indicator	

Taking a Picture

To take a picture, press the Shutter button. Adjust the Manual Focus to sharpen the lens on photo subject by turning the focus wheel. Press and hold the Zoom Out and Zoom In buttons to zoom in and out. Press the IR+ and IR- buttons to adjust the Night Vision IR-LED light.

Video Mode/Recording Videos

After powering on your camera, video mode will be on by default. On video mode, you should see a video icon at the upper left corner of your display screen



1. Video Icon	2. Available Recording Time
3. Infrared Light Display	4. ZOOM
5. Time Stamp	6. Video Resolution
7. Memory Card Indicator	8. Compass
9. Battery Indicator	

Recording a Video

To start recording, press the Shutter button. Adjust the Manual Focus to sharpen the lens on photo subject by turning the focus wheel. Press and hold the Zoom Out and Zoom In buttons to zoom in and out. Press the IR+ and IR- buttons to adjust Night Vision IR-LED light. Press the Shutter button again to stop recording.

Playback Mode

After powering on your camera, press the Playback Mode button to enter playback mode.

Once in playback mode, use the up and down buttons (IR Up/IR Down) to toggle through videos or photos.

Press the Shutter button to play or pause videos.

Press the Menu button to open the Menu Interface. The menu interface can be used to delete/lock/unlock the current video/photo, or to delete/lock/unlock all videos and photos. Use the up and down buttons to navigate through the choices and press the OK/Shutter button to confirm. Press the menu button to exit the Menu Interface.

the mode/menu button can be pressed during playback to stop the playback.

Connecting to a Computer

There are two methods that can be used to connect to a computer.

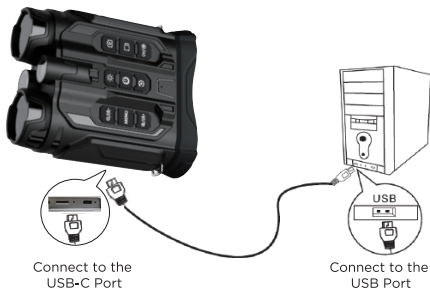
1A. Remove the memory card from the camera and insert it into a card reader. Then, connect the card reader to your computer.

OR

1B. Connect one end of the included USB-C cable to the USB port on your camera.

2. Connect the other end to an available USB port on your computer.

3. Once connected, you can transfer files from the camera's memory card onto your computer.



Manual Focus

When looking through the display screen on video or photo mode, objects may appear blurry. To sharpen, focus the camera's lens by rotating the lens to the left or right.

Specifications

Lens Angle	FOV=10, diameter=25mm
Digital Zoom	18X
IR LED	5W, 850nm
Photo	Format: JPG
Video	Format: MP4
IR Night Vision	Supported
Display Screen	3" IPS Screen
Image Resolution	96M, 72M, 52M, 40M, 24M, 10M
Video Resolution	6K P15, 5K P20, UHD P30, QHD P30, FHD P30, HD P30
Infrared Spotlight	7 intensities of infrared adjustment
Memory	Micro-SD Card Max 512GB (Recommended)
USB Port	USB TYPE-C
Power Source	5000 mAh lithium battery

FCC Compliance Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Vivitar One Year Warranty

This warranty covers the original consumer purchaser only and is not transferable.

This warranty covers products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired or replaced at no charge for parts or labor for a period of one year.

What Is Not Covered by Warranty

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but limited to, repair by unauthorized parties, tampering, modification or accident.

To Obtain Warranty Service and Troubleshooting Information:

Call 1-800-592-9541 or visit our website at www.vivitar.com.

To receive Warranty service along with the name and address of an authorized product service center, the original consumer purchaser must contact us for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the product is within the applicable Warranty period(s), MUST be presented in order to obtain the requested service. It is your responsibility to properly package and send any defective products along with a dated copy of proof of purchase, a written explanation of the problem, and a valid return address to the authorized service center at your expense. Do not include any other items or accessories with the defective product. Any products received by the authorized service center that are not covered by warranty will be returned unrepared.

VIVITAR®

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