



HANDS FREE DELUXE NIGHT VISION BINOCULAR XANB50 USER MANUAL



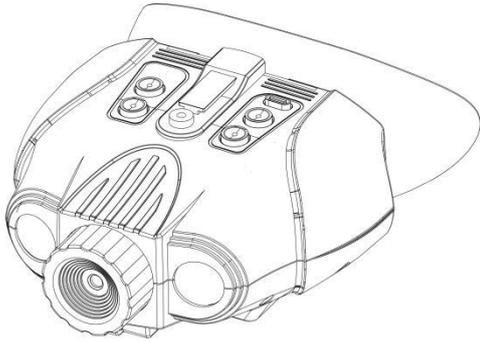
DISCOVER THE UNSEEN

Edition, 2020-8-24

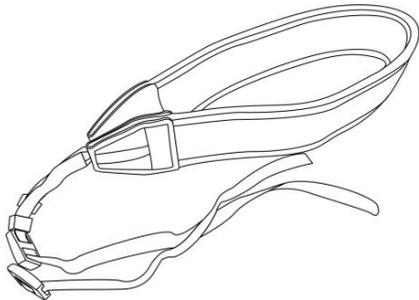
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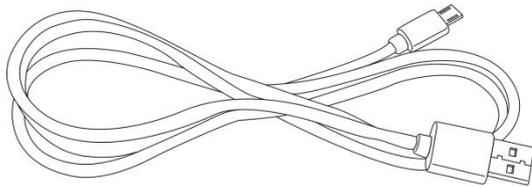
1. Package Contents



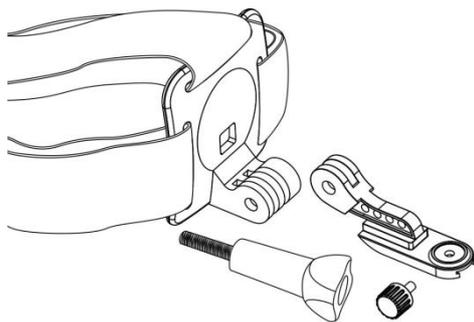
Night Vision Binocular



Neck Strap

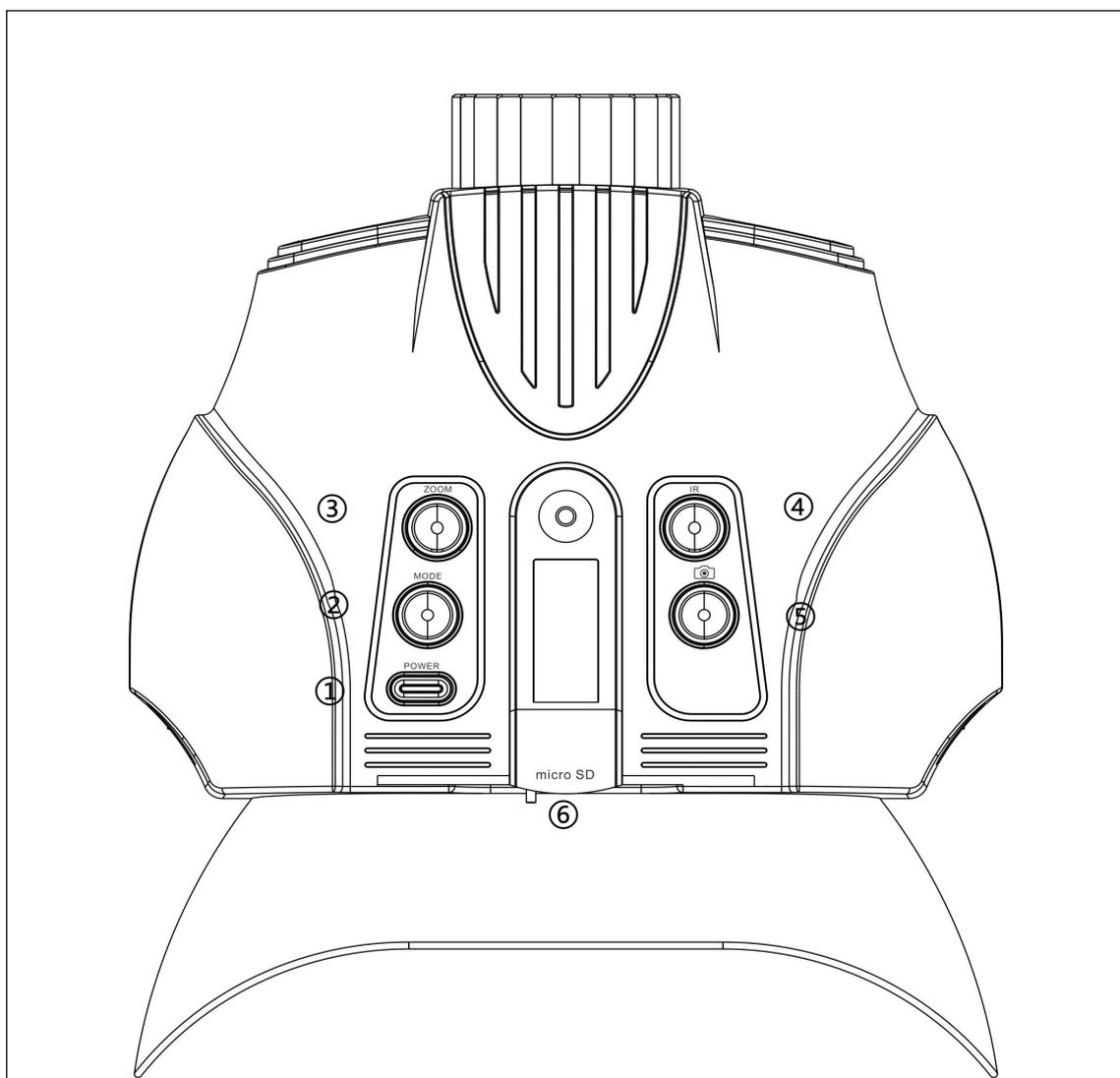


Micro USB Cable

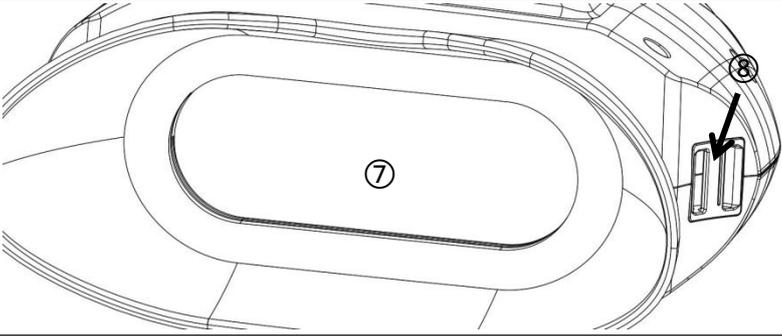


Head Piece Accessories

2. About the Binocular



①Power	<p>Long press for power on and off</p> <p>Short press for 3 levels of screen brightness</p>
②Mode	<ul style="list-style-type: none"> • There are 4 modes: Photo  / Video  / Playback  / Menu (in a loop). • When the power is on, the default mode is Photo. • Press Mode to change to the next mode.
③Zoom	<ul style="list-style-type: none"> • Under Photo and Video Mode, Press zoom to zoom in at multiple levels: 3X, 4.5X and 6X. Once reaching 6X, keep pressing zoom to go back to 3X. • Under Playback mode: Press Zoom to playback to the next file. • Under Menu mode: Press Zoom to go up.

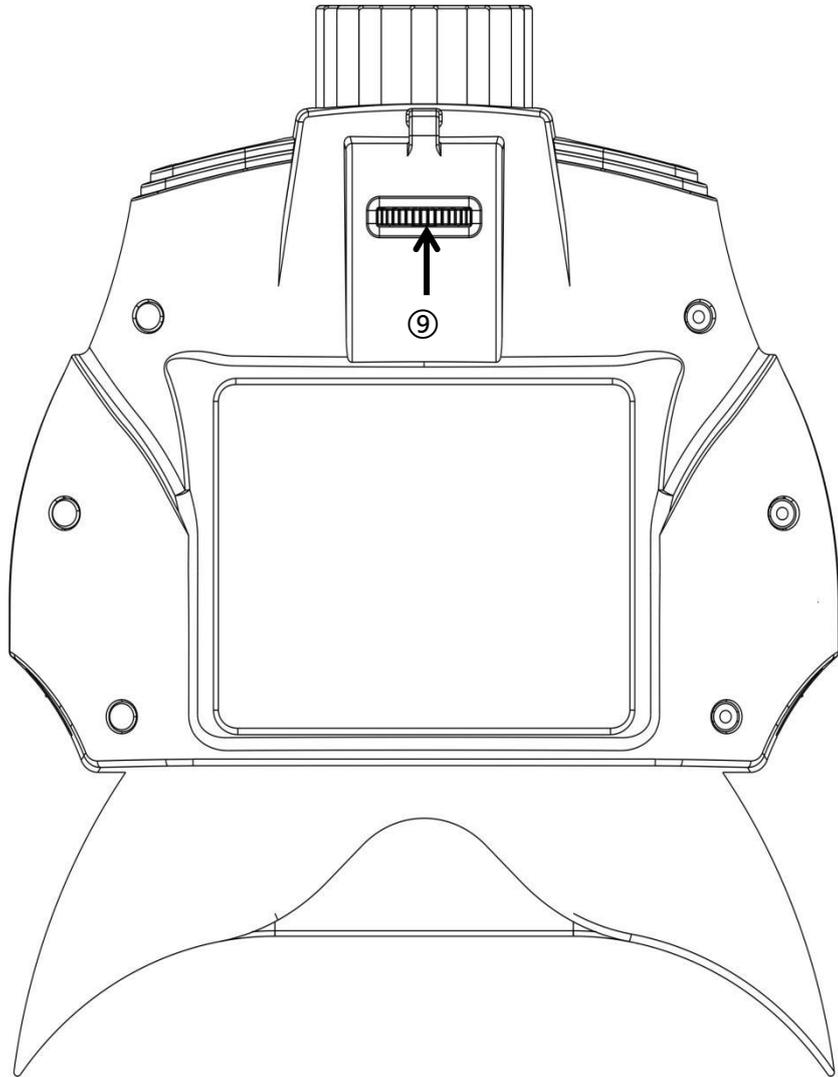
<p>④IR</p>	<ul style="list-style-type: none"> • Under Photo and Video Mode: Press IR for 4 levels of brightness(IR Off-> IR1->IR2->IR3->IR Off...) <p><i>First time power on, IR is set at IR2. Make sure IR is on for night use.</i></p> <ul style="list-style-type: none"> • Under Playback mode: Press IR to playback to the previous file. • Under Menu mode: Press IR to go down.
<p>⑤ </p>	<ul style="list-style-type: none"> • Under Photo mode: Press  to take photos. • Under Video mode: Press  to start video recording, and press one more time to stop recording. • Under Playback mode: Press  to enter selected item.
<p>⑥Micro SD Card and USB Slot</p>	<ul style="list-style-type: none"> • For SD card insert (make sure the power is off) • USB slot for battery charging.
<p>⑦View area ⑧Strap Hook</p>	 <p>The diagram shows a top-down view of the device. A large oval-shaped area in the center is labeled with a circled 7 (⑦). On the right side, there is a small rectangular slot with a hook-like structure, labeled with a circled 8 (⑧). An arrow points to this slot.</p>

⑨Focus

Wheel

HOW TO FOCUS

Turn Focus Wheel ⑨



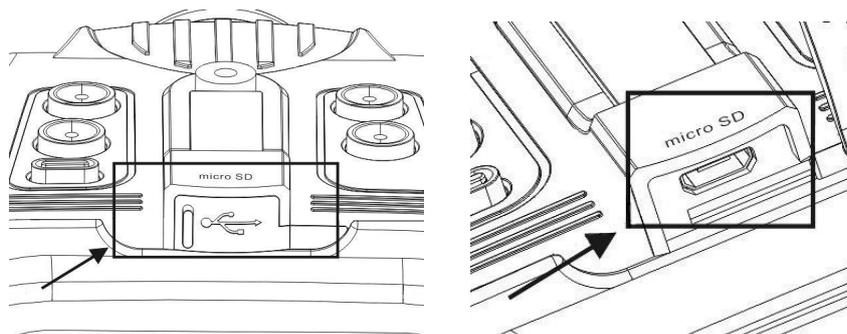
3. Quick Start

- **Charging the Night Vision Binocular**

(1) Open the USB cover.

(2) Plug in the USB cable to charge. It is suggested to use 5V 1A plug to charge. The charging time is approximately 3 hours using 5V 1A

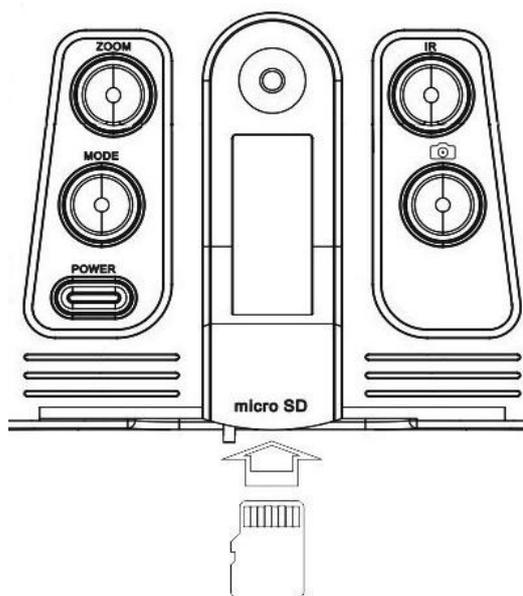
Note: Do not turn on the power while charging.



- **Insert a Micro SD card for photo and video taking (not included)**

(1) Insert the card in the direction as below. Push the card into the slot to lock it.

(2) To remove the card, push it in to release. When the card is partially ejected, pull it out.



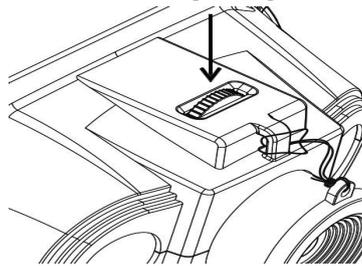
Note:

When using a card with previous files saved, it is recommended to save the files to your computer first, and format the card before use. To format the card, press Mode several times to reach menu, and select “Format SD”.

If the “Memory Full” warning message appears on the LCD screen, the SD card is full. Please transfer all the files to your computer and delete the files on the card. Then the card can be used again.

● **Turn on the Binocular:**

- (1) Long press the Power button to turn on the binocular. Once the power is on, look into the LCD screen inside for preview.
- (2) Adjust the focus by turning the focus wheel at the front bottom. ***See below arrow for “focus wheel”***



- (3) For daytime use, make sure the IR is off. For night use, turn on the IR by pressing the IR button. Increase the brightness by pressing the button repeatedly. It has 4 levels of brightness (Off->1->2->3->off...).
- (4) Long press the Power button to shut down the binocular.
- (5) If the screen brightness needs to be adjusted, short press the Power button, or you can go to the “Menu Settings” to adjust.
- (6) The binocular will save the setting from last use.
- (7) This binocular has an auto shut off feature; after 5 minutes the binocular will power off to conserve battery power. To change this setting, you can go to the “Menu Settings” to turn it off, or change it to 10/15/30mins.

- **Take a picture**

- (1) When the power is on, the binocular is automatically under the picture mode.
- (2) Check the left bottom corner of the screen for the  icon. If the  icon is not showing, press Mode multiple times until the icon shows up.
- (3) Adjust the focus by turning the focus wheel. (see “Turn on the Binocular” section for details)
- (4) If at night, adjust the brightness by pressing IR. (see “Turn on the Binocular” section for details)
- (5) Press  to take pictures.

- **Take a video**

- (1) Turn on the Binocular.
- (2) Press Mode to enter video-recording mode. Check the left bottom corner of the screen for the  icon. If the  icon is not showing, press Mode until the icon shows up.
- (3) Adjust the focus by turning the focus wheel. (see “Turn on the Binocular” section for details)
- (4) If at night, adjust the brightness by pressing IR. (see “Turn on the Binocular” section for details)
- (5) Press  to start video recording, and press it again to stop recording.

- **Use Digital Zoom**

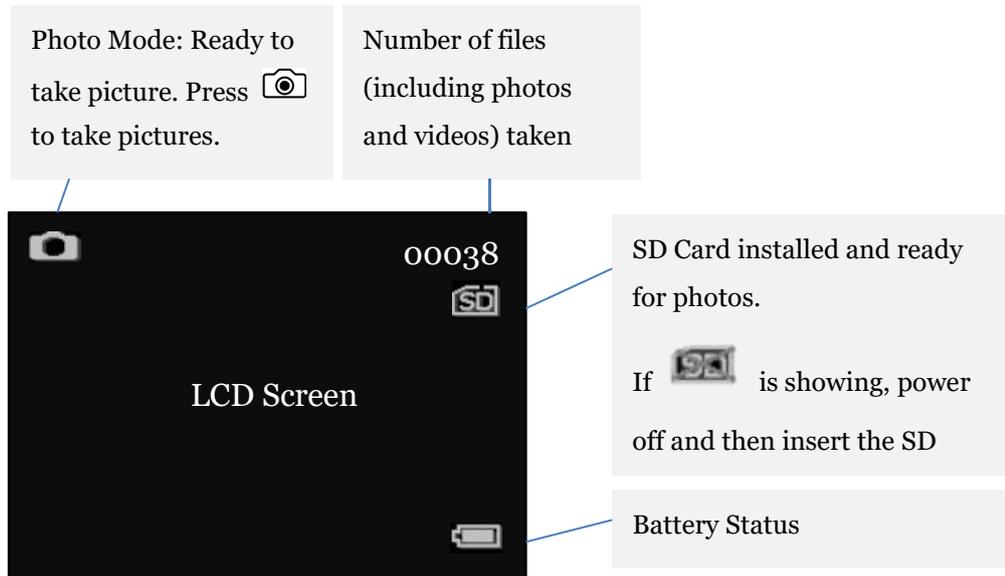
Press Zoom to zoom in at multiple levels: 3X, 4.5X and 6X. Once reaching 6X, keep pressing Zoom to go back to 3X.

- **Playback**

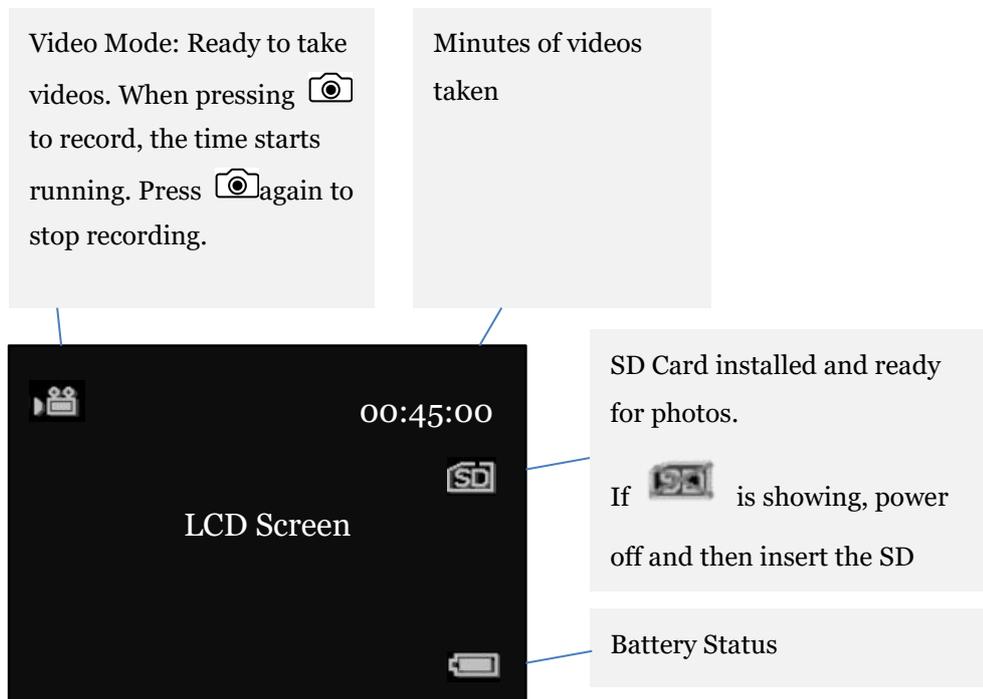
- (1) Press Mode until icon  shows on the top left corner of the screen.
- (2) The LCD Screen will show the last file saved. If it was a photo, the photo will show on the screen, with “JPG” wording on the left bottom corner. If it was a video, wording “AVI” will show on the left bottom corner.
- (3) Press  to play, delete, delete all, or exit.
- (4) Press IR to go to the previous file, and press Zoom to go to the next file.

4. Display Information

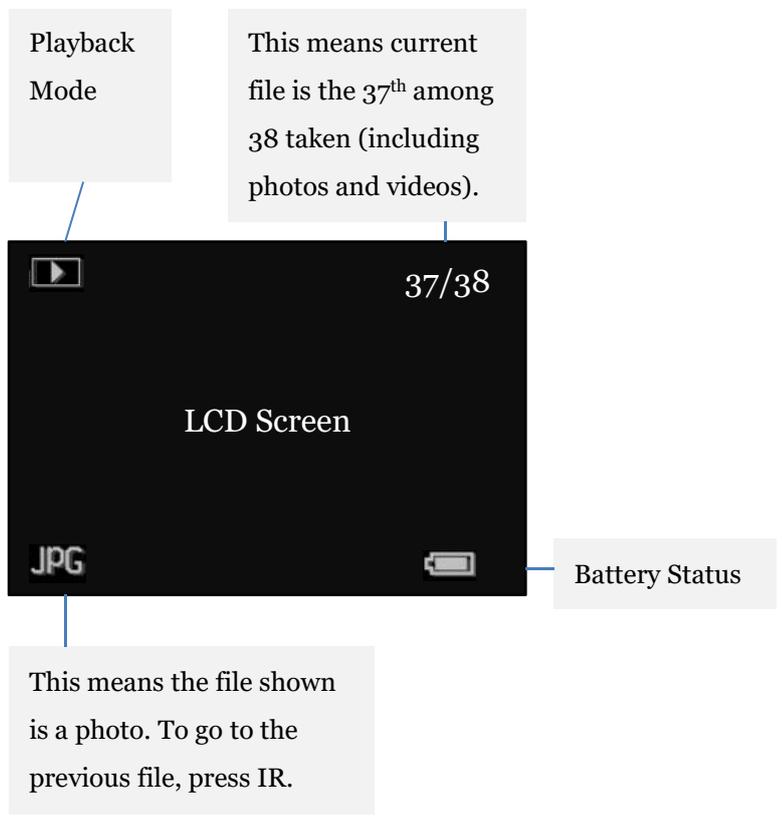
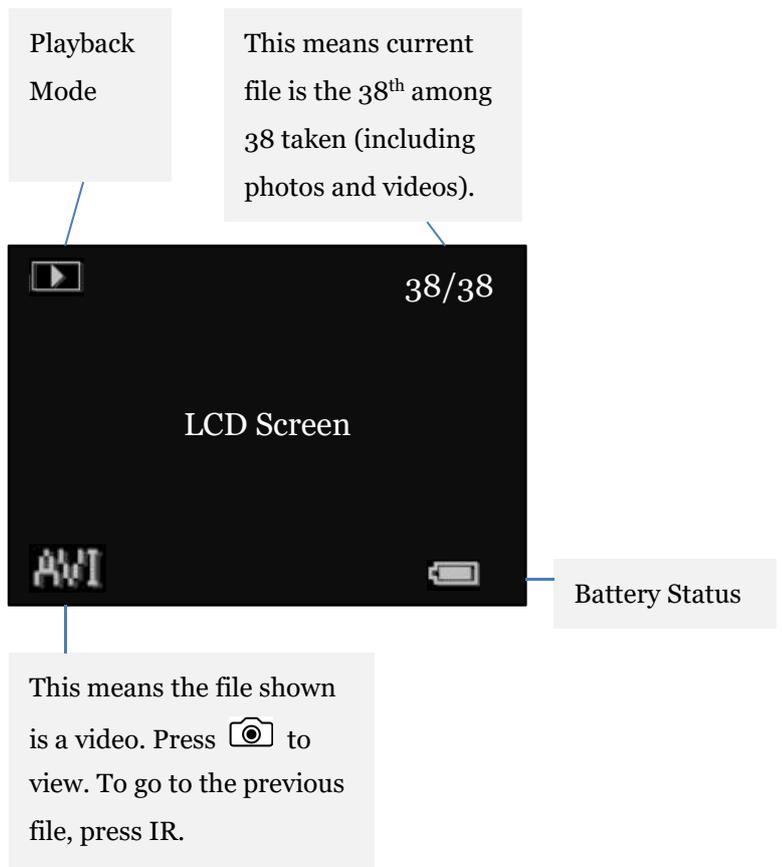
- Photo Mode



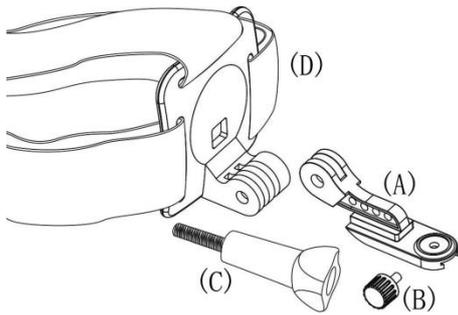
- Video Mode



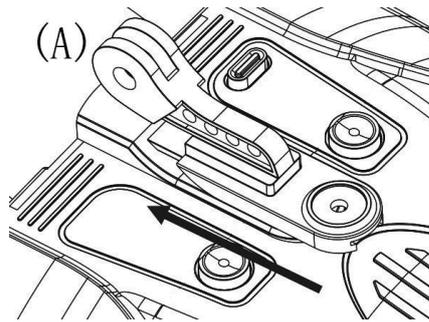
- Playback Mode



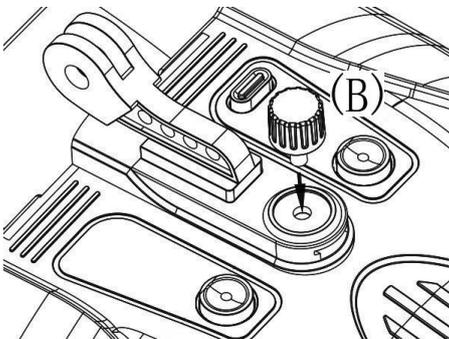
5. Head Piece Assembly



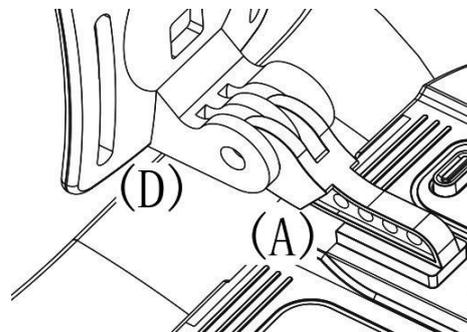
There are 4pcs accessories of head pieces.



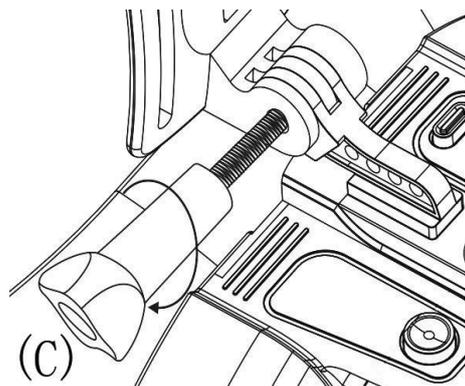
Slide (A) into the top of the binocular.



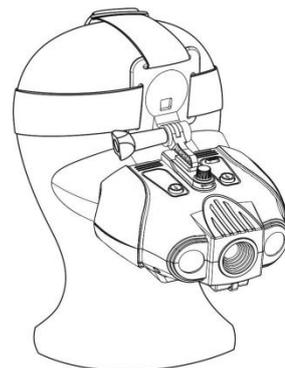
Screw (B) into the slot.



Combine (A) to (D).



Screw (C) into the slot.



6. Menu Settings

Menu mode

This is to set up parameters for the binocular if you wish to change default settings. Press Mode multiple times until the Menu shows up. Press IR to go down the menu, or Zoom to go up the menu. Press  to enter. Once the desired setting is selected, press  to save it. Press Mode to exit back to the photo mode.

Menu

Format SD	To delete all the files in SD card
Power Save	To set up auto power off
Date	To set up the date
Time	To set up the time
Flicker	50Hz (Default setting for EU) 60Hz (Default setting for U.S. and Japan)
LCD Backlight	To select the brightness level of the LCD screen
Date/Time Tag	To show date and time on the photos
Version	Version of the Firmware for reference only

Format SD

Yes	To delete all the files in SD card
No	Not to delete all the files in SD card

Power Save

Off	Yes (to cancel the auto power off setting)
10min	Auto power off in 10 mins without actions
15min	Auto power off in 15 mins without actions
30min	Auto power off in 30 mins without actions

Date

YY/ MM/ DD	Press  to enter Press Zoom and IR to go left and right, up and down Press  to saved settings
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Time

hr/ min/ sec

Press  to enter

Press Zoom and IR to go left and right, up and down

Press  to saved settings**Flicker**

50Hz

Default setting for EU

60Hz

Default setting for U.S. and Japan

LCD Backlight

Default setting is 1

Indicating backlight levels (1-3). The higher the setting the brighter the display.

Date/ Time Tag

Off

Default setting is off

On

Version

Version of the Firmware for reference only

7. Trouble Shooting

- **Poor Image:**

- ✓ If you wear glasses, please keep them on while using the binocular.
- ✓ During daylight hours, make sure the IR is off. For use during nighttime hours, make sure the IR is on.
- ✓ Adjust the focus by slowly turning the Focus Wheel at the front bottom of the binocular. Make sure it is focused.

- **Why is “No SD Card” message showing on the screen while the SD card has been inserted?**

- ✓ Please turn off the power, insert the card, and check again. The micro SD card needs to be inserted when the power is off.
- ✓ If the issue persists, please check the micro SD card compatibility. In some cases, the micro SD card failed to be read because it was broke; try inserting another Micro SD card

8. Appendix: Specifications

Viewfinder	EVF mode
Aspect ratio	4:3
Lens	Push button day / night transition
Operation	Preview
Visual distance	200yd / 183m at night 400yd / 366m during the day
Object lens Focus	Manually adjust
Magnification	3x to 6x
Visual angle	10° degrees
Luminance	IR LED / total 2W
Power Supply	Rechargeable Battery, 3000mAh
Photo Taking	Yes
Video Taking	Yes
Photo and Video	VGA
Display Resolution	320 x 240
Battery Life	Up to 8 hours for Day Use, 5 hours for Night Use
Power consumption	2.5W with IR LED fully on
Unit Size	14.0cm x 16.5cm x 6.6cm (approx.) 5.51" x 6.3" x 2.6" (approx.)
Net Weight	0.74lbs / 0.34kg
Packaging Dimensions	8.0" x 9.0" x 3.2" 20cm x 23cm x 8cm
Color	Black
Accessories	Head Piece (Detachable), Neck Strap, USB Cable

Specifications are subject to changes without prior notice.

DISCOVER THE UNSEEN

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