Zoomax^TM Snow Handheld Video Magnifier

User Manual
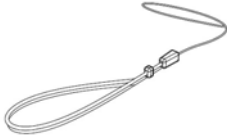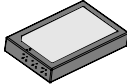
ZOOMAX

V1.1

Contents

Description

Zoomax^{TM} Snow is a lightweight handheld electronic magnifier with a large 4.3" widescreen LCD display. It provides magnification from 2x-16x, 10 contrast modes, as well as the ability to freeze an image for closer look. Besides, it features modern design with power saving function.

Accessories

Zoomax^{TM} Snow Package contains the following:

Video Magnifier	Short strap	User manual
Video cable	Protective case	AC power adapter
Rechargeable lithium battery		

Compositions:

4.3" LCD screen

Indicator light

Zoom in

Contrast mode

Zoom out

Camera

Writing stand

Battery slot

Power button

Freeze button

USB port

AV-OUT port

Cord slot
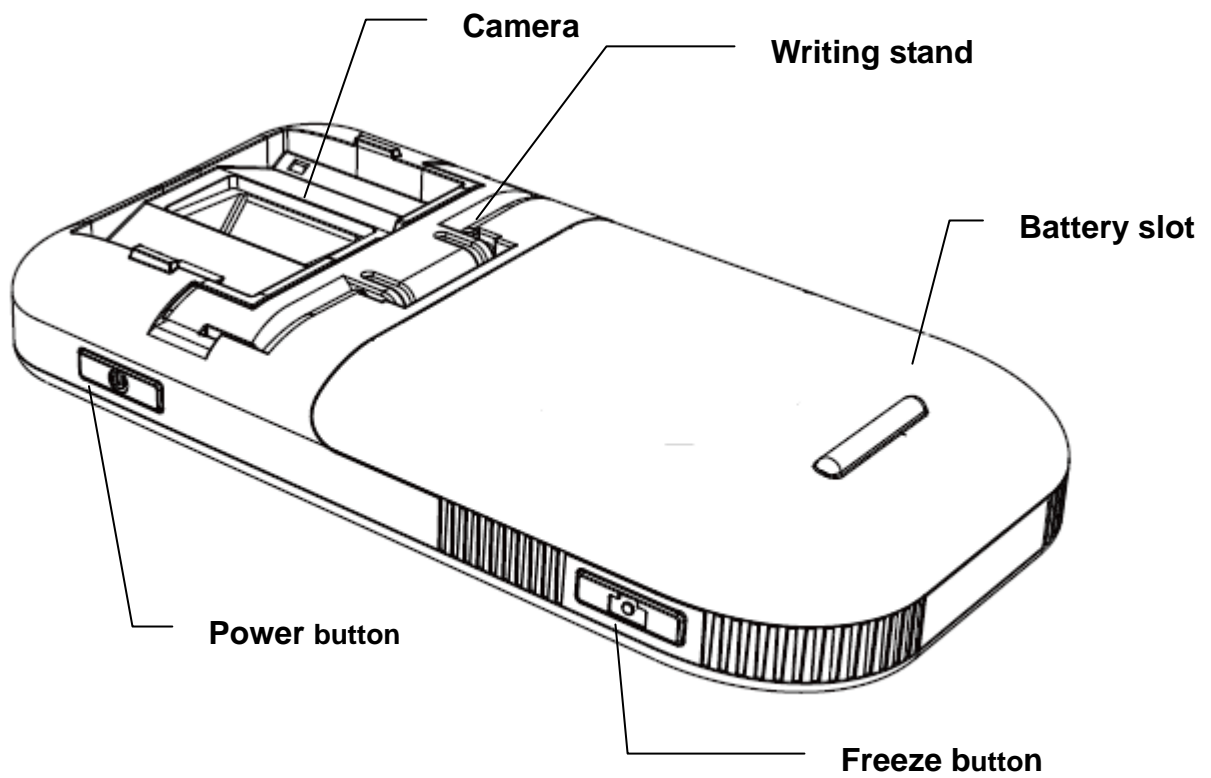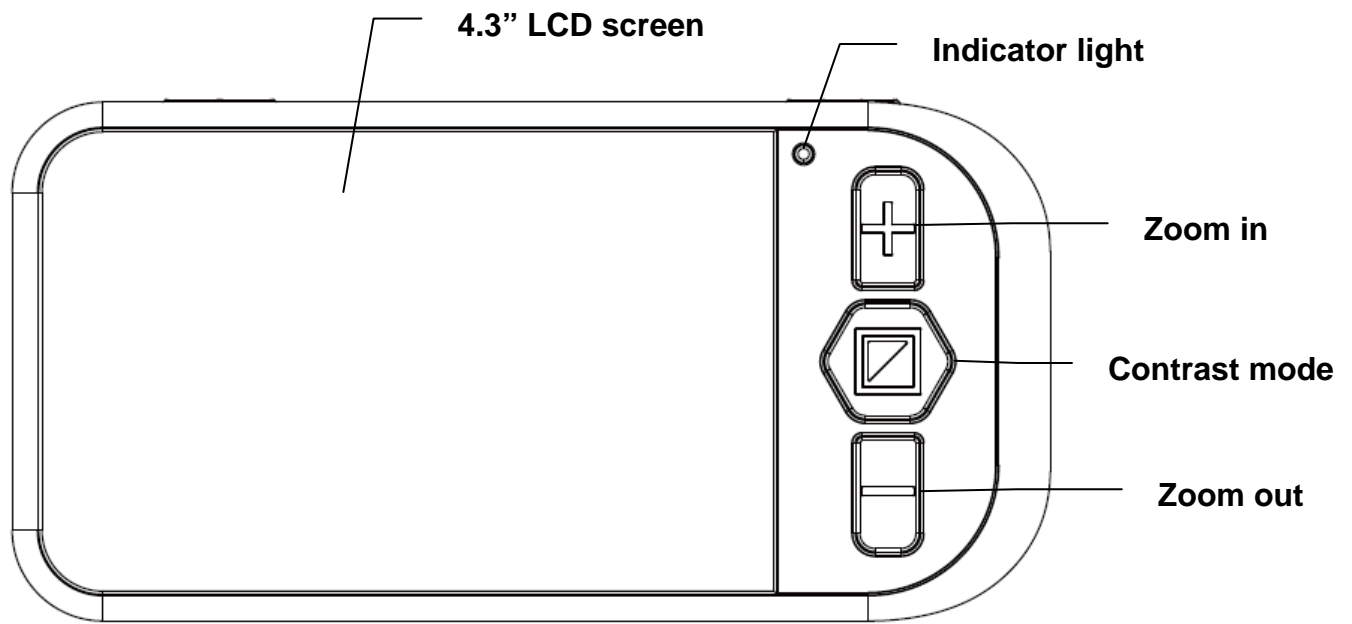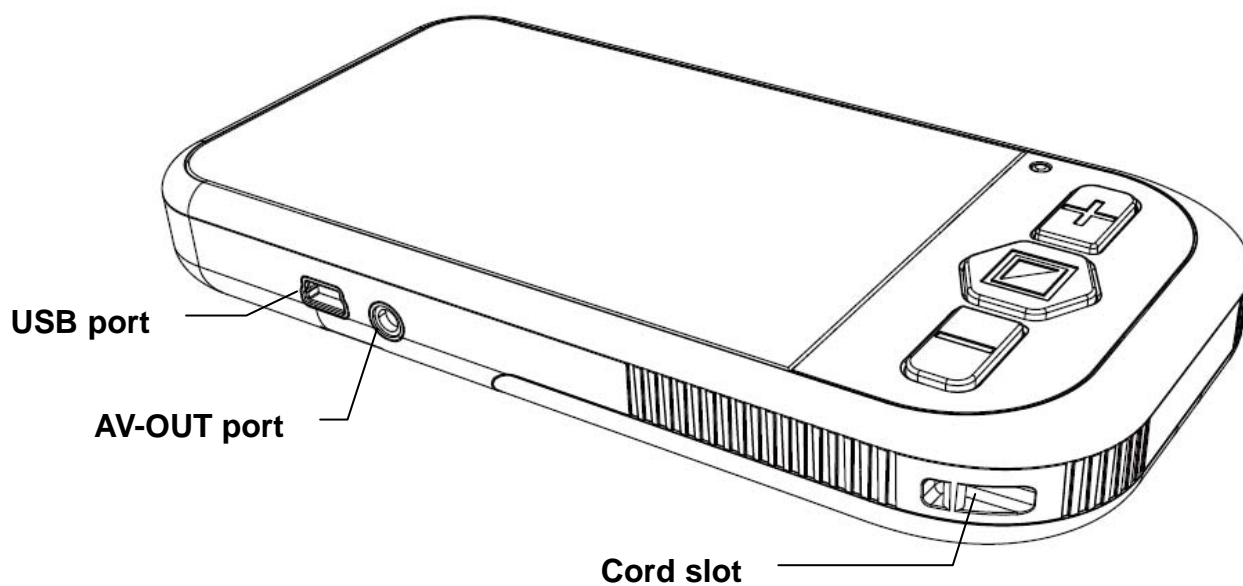
Operation

Battery installation

Install the battery as follows:

1. Turn the unit so that the back is facing up

2. Press and slide open the battery cover

3. Insert the battery

4. Place back the cover and slide it into the closed position

Charging the battery
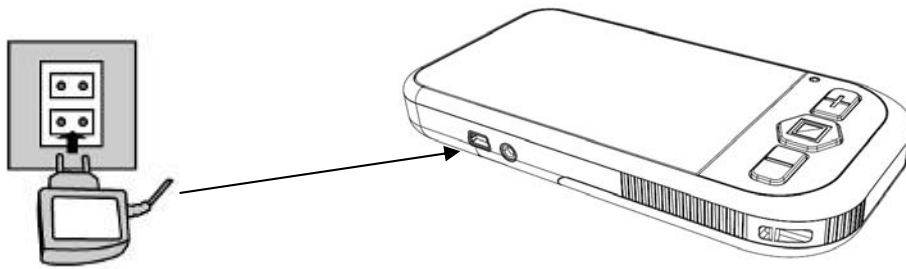
- The battery should be charged prior to using the Snow for the first time.
- Connect the power adapter to the unit USB port, and then insert the other end of the power adapter into power outlet. The power indicator will be red during charging.

- When the battery is fully charged, the LED indicator will turn off.
- During operation, if the battery indicator ▊▊▊ on the screen has no bars and flashes, the battery is low, and you need to recharge it.
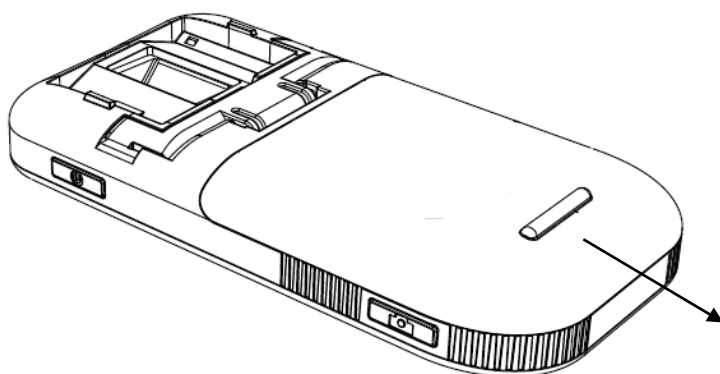-Charging the battery takes about 4 hours, and a fully charged battery will last for approximately 3.5 hours. Please take an extra battery in case of usage emergency if you go far away.

Install Short strap

- Insert the small loop on the end of the strap into the pin in the cord slot as shown.
- Pull the other end of the strap through the loop and tighten as shown.

Operation Instructions

Turn on/off
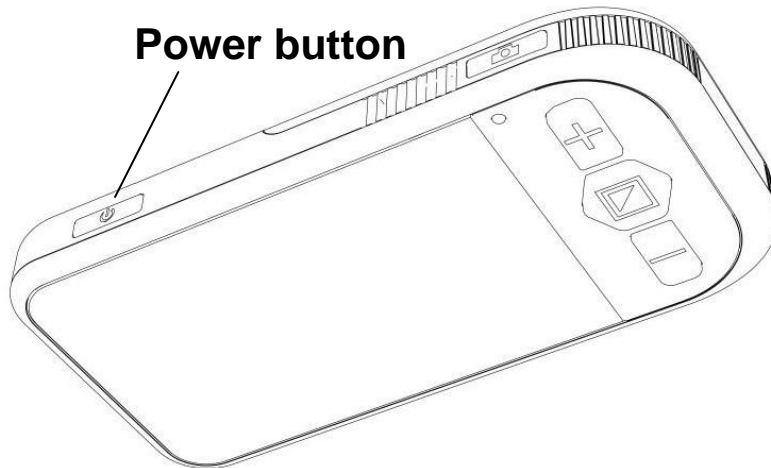
Power button

- Press and hold the power button for 2 seconds to turn on (as shown in diagram), and the green power indicator will be on and the unit will enter into video magnifier mode directly.
- Press and hold the power button for 2 seconds to turn off the unit and the green indicator will be off at the same time.
- To save power, the unit will turn off automatically after 3 minutes of inactivity.

Adjust Magnification
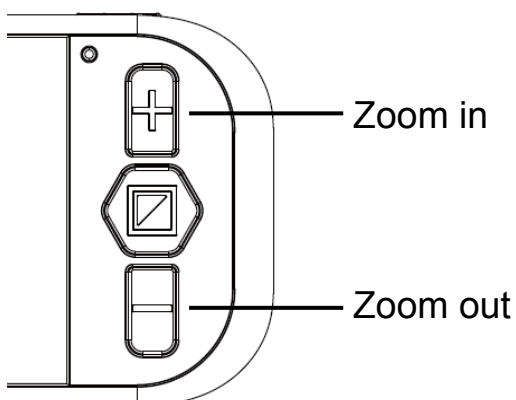
Zoom in

Zoom out

- Press the "+" button to zoom in, and press the "-"button to zoom out.
   Flat on paper: 3.6x to 16x magnification
   Lift over material: 2x-10x magnification

Lifting the unit off the material will decrease the size of the viewed material. And you can get increased magnification of the viewed material if you connect the unit to a TV screen.

Change display mode

Press mode button

There are 2 modes for selection:
1. Normal mode
In Normal mode, press the mode button to cycle through the following modes:
- Full color mode
- Grey mode
- High contrast white text on black background
- High contrast black text on white background
- High contrast white text on blue background
- High contrast blue text on white background
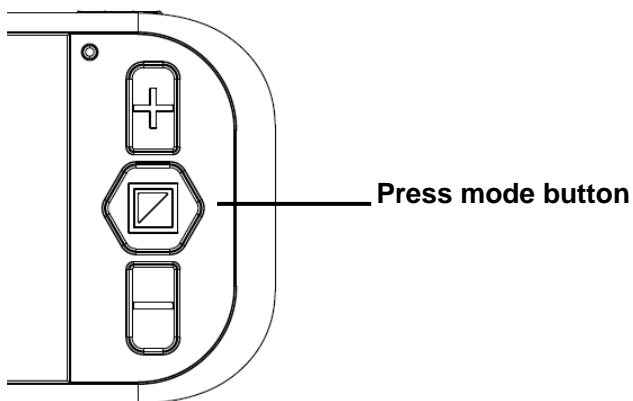- High contrast yellow text on black background
- High contrast black text on yellow background
- High contrast blue text on yellow background
- High contrast yellow text on blue background
2. Favorite mode
In favorite mode, press the mode button to cycle through 3 basic modes: full color, your favorite contrast color and the reverse (such as white on blue & blue on white). It's simpler in operation.
1）To enter into favorite mode, firstly choose your favorite contrast color in

normal mode, then press and hold "mode" button for 2 seconds until the BEEP goes.

NOTE: If the unit enters into Favorite mode from full color mode or grey mode, then the switch would be among full color, white on black and black on white.

2）To exit, press and hold "mode" button for 2 seconds until the BEEP goes;

3）If you turn off the unit during Favorite mode, it will memorize the settings and enter into Favorite mode automatically at next power on.

Freeze
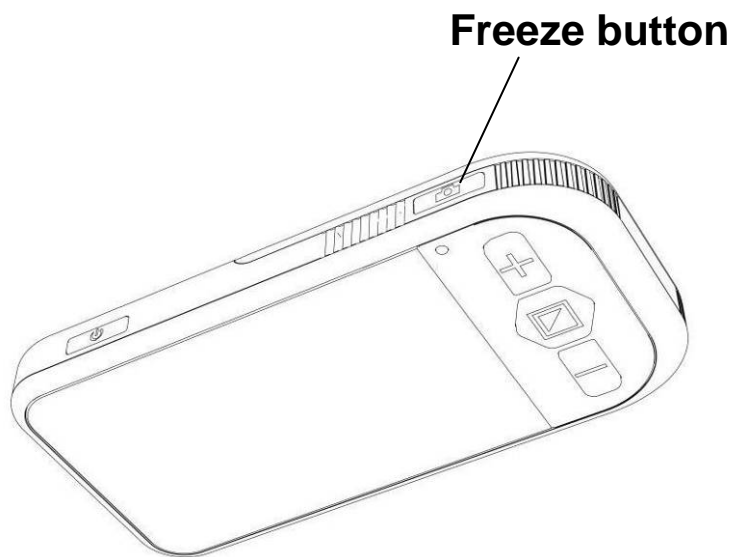
Freeze button

Use Freeze button to capture images and letters
- Put the unit over the object or material
- Press Freeze button
- Take the unit closer to have a carefully look at the object, and you can also magnify or minify images by +/- button and switch contrast modes by Mode button
- Press again Freeze button to release.

Writing Stand
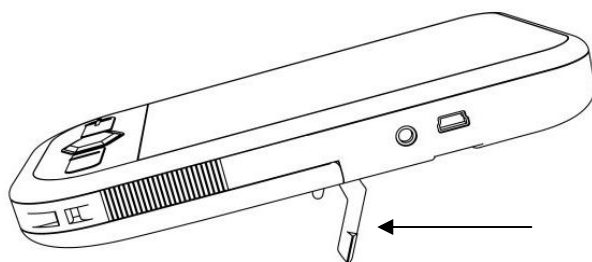
−Open the writing stand.
-Write underneath the right side of the camera.

Turn on/off button beeps

Long   pressing   "zoom   out"
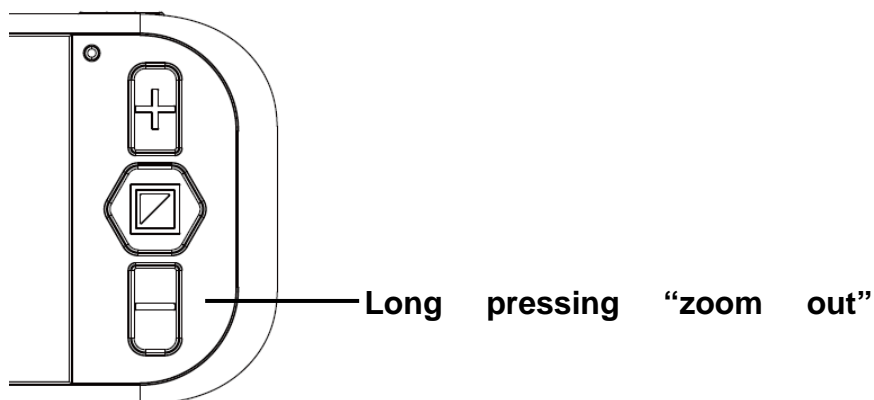
In default, the button sound is mute.
To turn it on, press and hold "Zoom Out" button for 5 seconds until BEEP goes twice.
To turn it off, press and hold "Zoom Out" button for 5 seconds until BEEP goes once.

Turn on/off camera light

Long press mode button
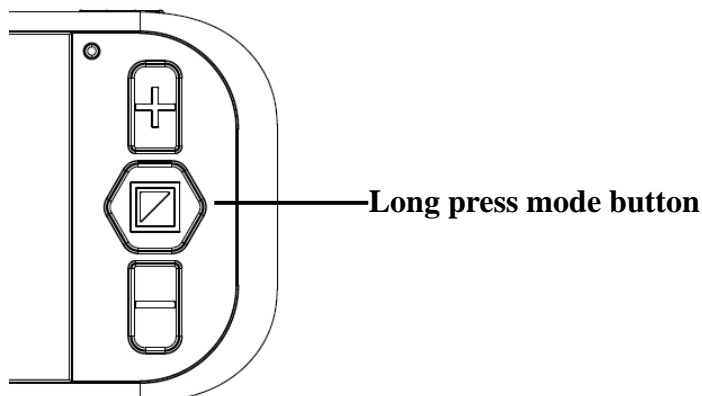
The camera light is on in default.
To turn light off, press and hold "mode" button for 5 seconds until BEEP goes **TWICE** (keep holding if you just heard one beep).

To turn light on, press and hold "mode" button for 5 seconds until BEEP goes **TWICE** (keep holding if you just heard one beep).

Adjust brightness

Hold button "Freeze" and "Zoom in (or Zoom out)" together to enter into brightness adjustment. A brightness bar shows, then press "Zoom in" to increase brightness and "Zoom out" to decrease it. Press "Mode" to confirm the brightness and exit. Under this setting, if no operation for over 5 seconds, it will exit automatically.

Connecting to a TV

Plug the AV cable packaged with the unit to your TV video input.
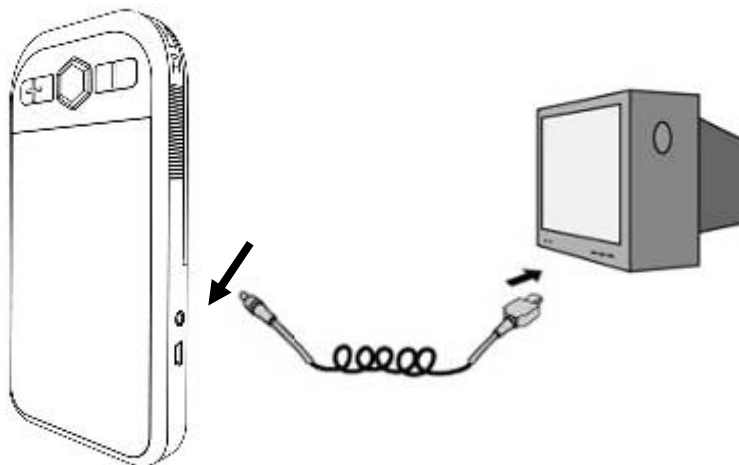
-After connection completed, the LCD screen will turn off automatically.

-To select the appropriate TV standard, press and hold the Freeze button for 3 seconds.

-Use "+"/"-" to choose PAL or NTSC, then press the mode button to confirm your selection. If all correct, the image shall be shown on TV.

- Once your selection confirmed, it will become the default TV standard of the unit next time. No need to set it again.

- After unplugging the AV cable, the unit will automatically return to LCD screen of the unit without any other operation.

Power saving function

（1）Under magnifier mode, the unit will turn off automatically if no operation for over 3 minutes.

（2）When charging (connect to power supply through power adapter), it will switch to outside power supply automatically while charging the battery at the same time.

Setting memory function

The unit will memorize automatically the most recent settings (e.g. color mode, magnification, video output format, button beeps, brightness) and use them in the next power on.

Troubleshooting

Problems	Solutions
Black screen	Ensure that the power is on. ● Change the battery. ● Reduce the magnification level. ● Ensure the image is below the crosshair.
The unit will not turn on.	●Change the battery.
The image on the screen is dark or distorted.	● Ensure the Video Magnifier is flat on the page.
Power adapter is connected but the battery is not charging.	● Ensure the outlet has power and the plug is fully inserted in the power jack.

Smudges or blemishes on the screen.	●Clean camera and screen with soft cloth.
Text is too small to read.	Adjust the magnification up to suitable level. ● Connect to a TV with the supplied cable.
Text is too large to read.	●Adjust the magnification down to suitable level. ● Lift/move the unit a little away from the subject.
The unit is connected to a TV, but no image appears on the TV screen.	●Ensure the TV is on. ●Check the line is proper and output and connection correctly to TV.
The screen is frozen or distorted or any other problem not mentioned in this manual.	Restart the unit. ●Remove and replace battery.

If your problem is not listed above, please contact your local distributor.

Safety

To keep your video magnifier in a good condition, please read the following safety instructions carefully:

- Do not expose your video magnifier to excessive heat or direct sunlight to avoid the risk of fire.

- Keep your video magnifier away from wet areas, rain, fluids and chemicals.

-Do not use your video magnifier inadequately shielded medical devices.

- Always use your video magnifier in an environment where the temperature is between 10°C and 40°C (50 and 104F).

- Do not attempt to repair your video magnifier or open its case. This will void the warranty. Contact your distributor to service this equipment.

- Always unplug your unit before cleaning. Use only a damp, soft, lint-free cloth. Do not use alcohol solvents or other cleaning agents.

- Use only the supplied power adapter to charge the battery as other adapters may damage the unit.

Specifications

1. Magnification: 2x to 16x (optical and digital)
2. Display modes: ten modes (full color, gray, high contrast white on black, high contrast black on white, high contrast white on blue, high contrast blue on white, high contrast yellow on black, high contrast black on yellow, high contrast blue on yellow, high contrast yellow on blue)
3. Focus: Auto focus
4. Screen: 4.3"（109mm） widescreen TFT
5. TV output: PAL/NTSC
6. Power saving mode: the unit will turn off automatically after inactivity for 3 minutes
7. Battery: rechargeable lithium battery
      3.5 hours continuous use
8. Battery level indicator：Positive
9. Power adapter: input: 110—240V, output: 5V/1A
10. Charging time: 4 hours
11. Weight: 5.75 ounce (without battery)
12. Accessories: user manual, rechargeable lithium battery, AC power adapter, short strap, protective case, video output cable
13. Operation and storage conditions:
     Humidity<70%
     Temperature: 10-40℃