ZOOMAX Technology Co., Limited

9F, Building D, Paradise Software Park, No.3 Xidoumen Road, Xihu District, Hangzhou, China.310012

Copyright© 2015 ZOOMAX Technology Co., Limited. All Rights Reserved. ZOOMAX ® is a trademark of ZOOMAX Technology Co., Limited. in the United States and other countries. Information in this document is subject to change without notice. No part of this publication may be reproduced or transmitted in any form or by any means electronic or mechanical, for any purpose, without the express written permission of ZOOMAX.

If you have any question or suggestion concerning the use of this product, please contact your distributor or ZOOMAX by e-mail sales@zoomax.co.

To search the knowledge base, visit www.zoomax.co and choose the relative link.

Dear Customer,

Thank you very much for choosing Snow 7 HD.

Ergonomic, compact and real easy-use, this is ZOOMAX Snow 7 HD.

1. **7-inch high contrast LCD Provides you extremely comfortable and crisp image that you would never compromise your desire to read newspaper, price tags and magazines or view your favorite photos.**
2. **Less than 500g (17.64 ounces), truly lightweight brings you the maximum possibility to use Snow 7 HD freely anywhere, no matter at home or on the go.**
3. **The ergonomic design of writing stand gives you sufficient writing space to write greeting card or signing name on the check or bills quickly.**

Now, please start your fantastic reading and writing experience freely with Snow 7 HD!

Content

Accessories 1

Compositions 2

Operation 4

- **Charge the battery** 4
- **Turn on/off** 6
- **Adjust magnification** 7
- **Select color mode** 8
- **Freeze** 11
- **Writing instruction** 12
- **Turn on/off the sound** 13
- **Turn on/off the LED lights** 14
- **Adjust the screen brightness** 15

Connect to TV/monitor **16**

Power saving function **16**

Disable power saving function **16**

Setting memory function **18**

Close/Far-view function **19**

Frame Rate Setting **20**

Troubleshooting **21**

Safety **22**

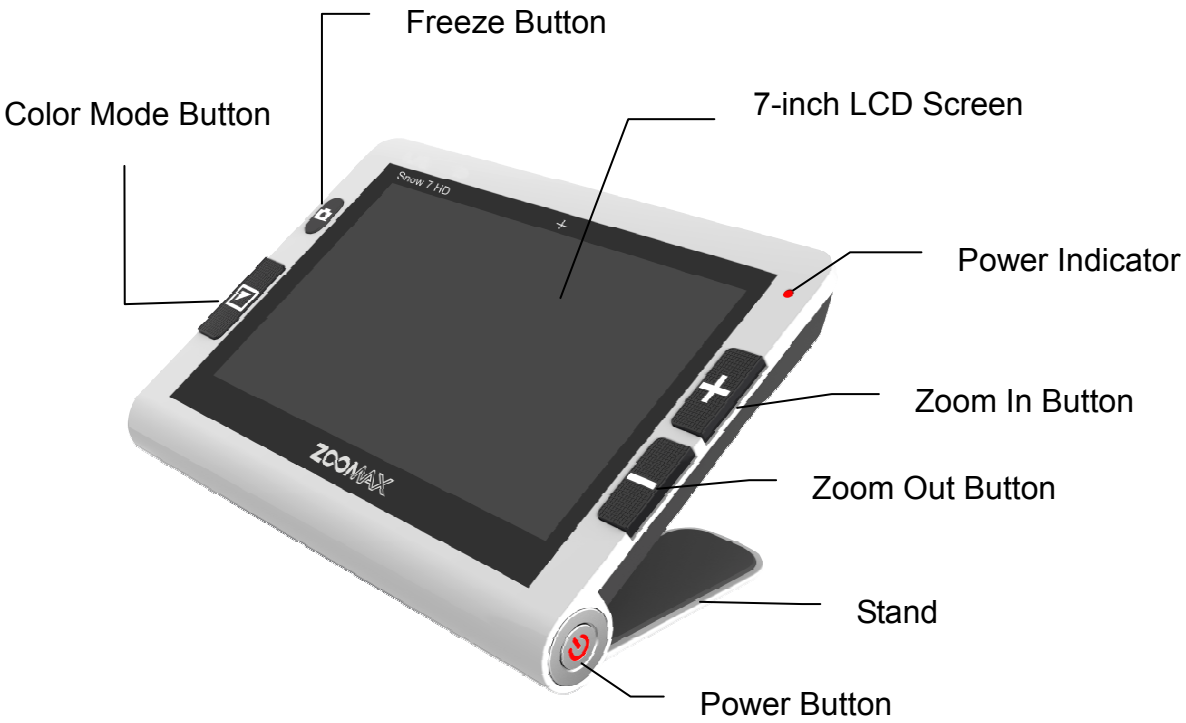
Technical specifications **24**

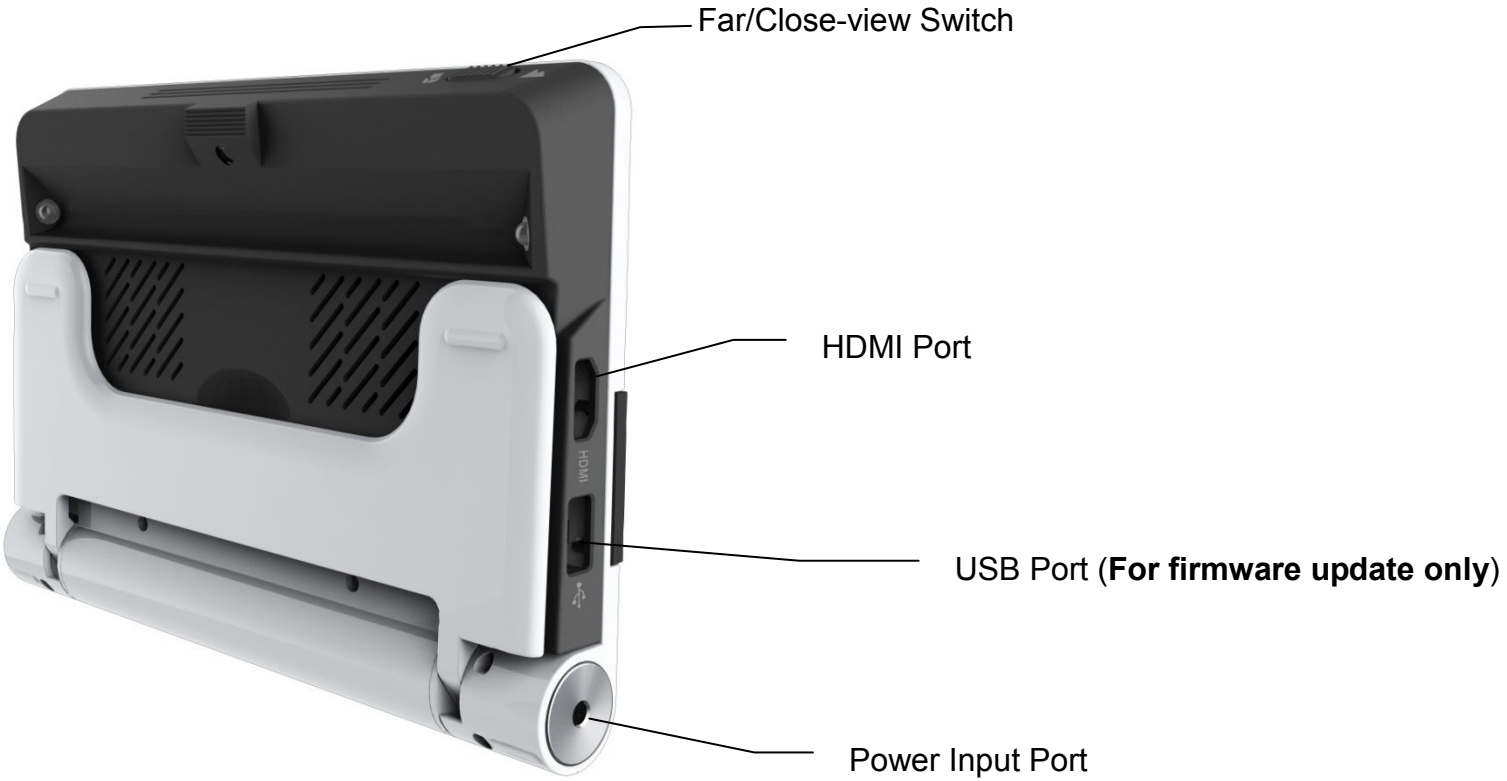
Accessories

You would find the following contents inside the Snow 7 HD package box:

1. **Snow 7 HD video magnifier**
2. **One piece of protective pouch**
3. **User's guide**
4. **HDMI cable**
5. **Power adapter**
6. **One piece of cleaning cloth**

Compositions




Far/Close-view Switch
HDMI Port
USB Port (**For firmware update only**)
Power Input Port

Operation

Charge the battery

- The battery MUST be fully charged prior to FIRST use of your Snow 7 HD.

- Connect the supplied power adapter to the Power Input Port and plug the other end of Power Adapter into power outlet. The Power Indicator is RED while charging.

- When the battery is fully charged, the Power Indicator will turn off.

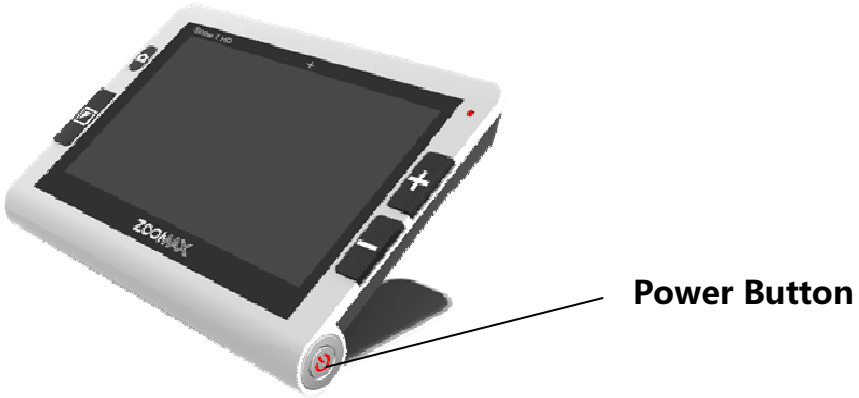
- If the Battery Indicator **on the screen has no bars and flashes, it means the battery is low and should be charged.**

- Charging the battery takes approximately 4~5 hours. Your Snow 7 HD can be continuously used up to 5 hours after fully charged.

Notes: **1. When the battery charge is getting low, the battery-empty icon in the lower left corner of the screen will blink at intervals of 5 seconds. If the battery is almost empty, the "Battery Low!!!" icon will stay blinking in the center of the screen until your Snow 7 HD is switched off automatically.**

2. In order to guarantee and extend the life time of the battery, please charge the battery only when the battery-empty icon display on the screen. And, please make sure the battery is fully charged and discharged each time.

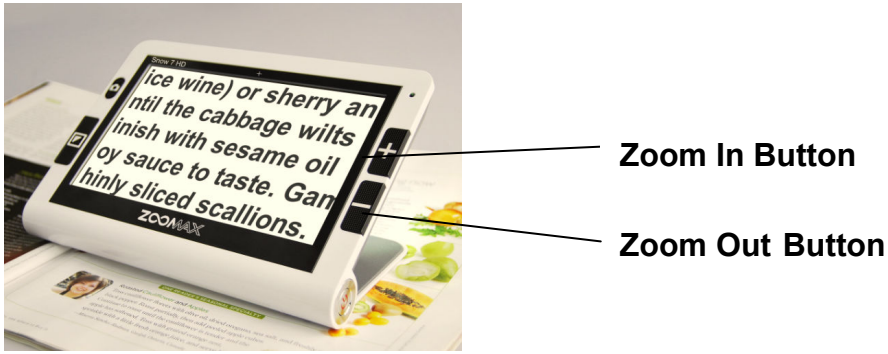
Turn on/off



- Press and hold the Power Button for 2 seconds while the Power Indicator turns GREEN and you hear a beep sound. Please release the Power Button, then you see ZOOMAX logo appears on-screen after 8 seconds and the image on Snow 7 HD appears subsequently.
- To turn off your Snow 7 HD, please press and hold Power Button for 2 seconds (Note: you would see the Power Indicator goes off.)

- For power saving purpose, your Snow 7 HD switches off automatically if non-use for 3 minutes.

Adjust magnification

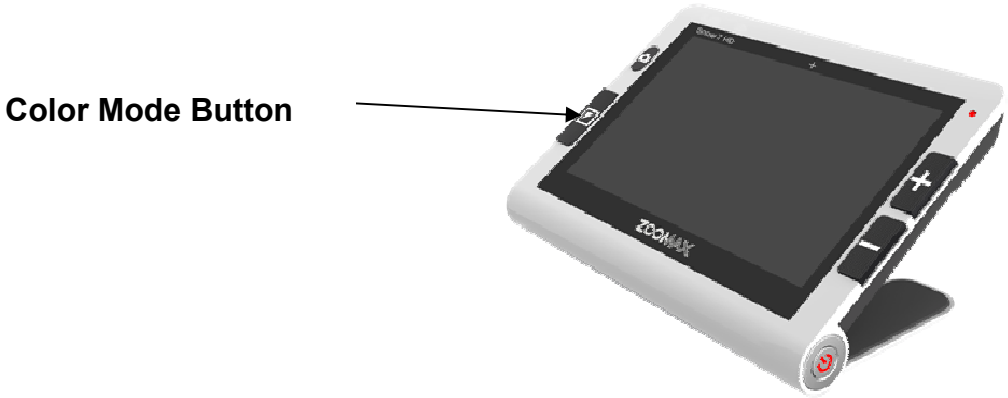


- Press the "+" button to zoom in and press the "—" button to zoom out.

- When you keep Snow 7 HD flat on the reading material (see Figure 1), the magnification ratio is 2.2X ~ 19X.

- Under close-view mode, lift your Snow 7 HD at a certain distance from the reading material will decrease the magnification. Connect the unit to TV screen will increase the magnification.

Select color mode



1. Normal mode

Press Color Mode Button under normal mode, 12 high contrast color modes on the followings can be your selection:

- Full color

- Grey mode

- High contrast white text on black background mode

- High contrast black text on white background mode

- High contrast white text on blue background mode

- High contrast blue text on white background mode

- High contrast yellow text on black background mode

- High contrast black text on yellow background mode

- High contrast blue text on yellow background mode

- High contrast yellow text on blue background mode

- High contrast green text on black background mode

- High contrast black text on green background mode

2.Favorite mode

- Under any contrast color mode, except of full color and grey mode, long press Color Mode Button for 2 seconds. And you hear one Beep. It enters into Favorite mode. Only 3 color modes are for selection in Favorite mode. They are full color and the favorite contrast color you choose and its reverse color mode (such as white on blue & blue on white).

- To exit Favorite mode, press and hold the Color Mode Button for 2 seconds until you hear one Beep.

Freeze

- Place your Snow 7 HD over the viewed material. (Please keep the viewed material on flat).
- Press Freeze Button to capture an image you need.
- Take your Snow 7 HD closer to your eyes to see the image. The image can be zoomed in/out or changed color mode.
- To exit view the captured image, please press Freeze Button.

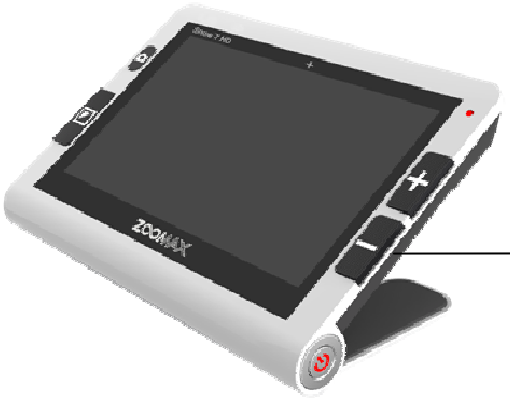
Writing instruction

(Figure 1)

- Open the stand.

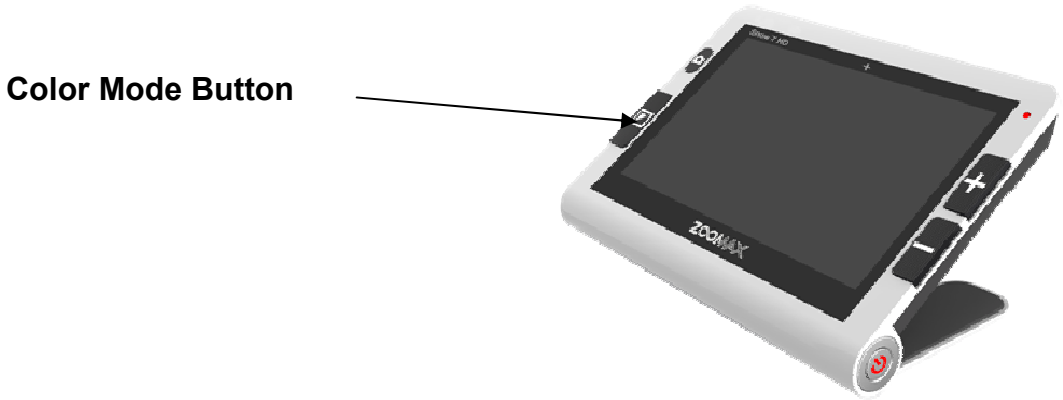
- Write under the camera (See Figure 1)

Turn on/off the sound



- By default, the button sound is off but the beep sound is always ON.
- To turn on the button sound, please make sure your Snow 7 HD at the LOWEST magnification. Press and hold the "—" button for 7 seconds until you hear ONE Beep.
- To turn off the button sound, please make sure your Snow 7 HD at the LOWEST magnification setting. Press and hold the "—" button for 7 seconds until you hear TWO Beeps.

Turn on/off the LED lights



- By default, the LED lights are ON under close-view mode and OFF under far-view mode.

- Under Normal mode:

1. When in high contrast color (except of full color and grey color), please press and hold the Mode Button for 5 seconds until you hear TWO Beeps to turn on/off LED light.

2. When in full color or grey color, please press and hold the Mode Button for 5 seconds until you hear ONE Beep to turn on/off LED light

- Under Favorite mode:

Press and hold the Mode Button for 5 seconds until you hear TWO Beeps to turn on/off LED light.

Adjust the screen brightness

- Press the Freeze Button and Zoom in Button simultaneously until the brightness bar appears. Then press the " + " to increase the brightness; Press the "—" to decrease the brightness.

- Press the Color Mode Button to confirm the suitable brightness and exit. Otherwise, it will exit automatically after 5 seconds without any manual operation.

Connect to TV/monitor

- Plug HDMI cable into your Snow 7 HD and TV. Then, the screen of Snow 7 HD will turn off automatically and switch to HDMI output mode.

Power saving function

- By default, your Snow 7 HD turns off automatically if non-use in 3 minutes.

Disable power saving function

- If you prefer to disable power saving function, please press and hold the Mode Button, then short-press Freeze Button to enter into demo mode. A small icon will appear at the lower left of the screen. Under demo mode, after you turn on your Snow 7 HD, it is always ON unless you turn it off.

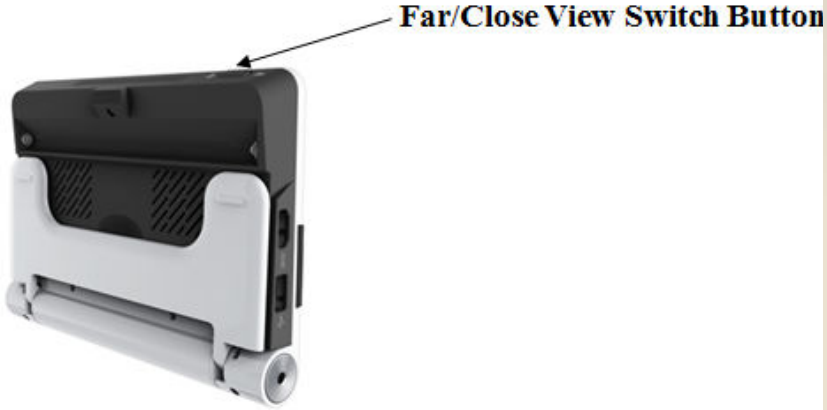
- If you want to enable power saving function, please press and hold the Mode Button ,then short-press Freeze Button to activate it.

Setting memory function

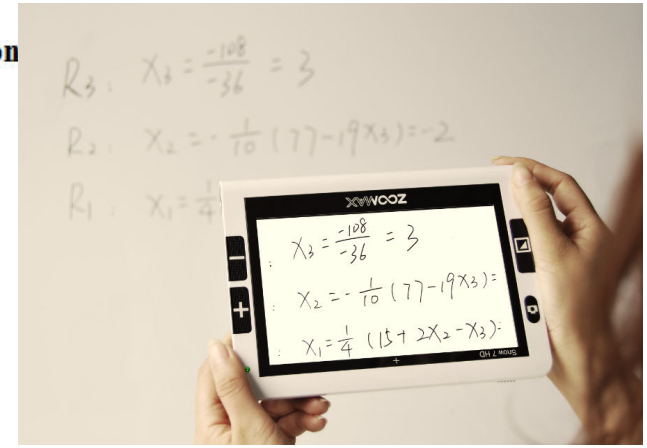
- When you turn off your Snow 7 HD, the most recent settings is saved automatically (e.g. color mode, magnification, video output format, button beeps, brightness, favorite mode, normal mode) .So you can easily use the memorized settings while turn on your Snow 7 HD again.

- Only one exception should be noticed: the setting of LED light WON'T be memorized all the time. By default, setting of LED light is always ON under close-view mode and always OFF under far-view mode. If you prefer to turn off the LED light under close-view or turn on the LED light under far-view, please turn it on/off manually.

Close/Far-view function



(Figure 1)



(Figure 2)

- Toggle the Far/Close-View Button to view close/far. (See Figure 1)

- Toggle the button to the Right direction to view Close.

- Toggle the button to the Left direction to view distance.

- Turn your Snow 7 HD UPSIDE DOWN to view distance more comfortably. (See Figure 2)

Frame Rate Setting

(Remark: this is only needed when indoor lighting with fluorescent lamps interferes with the frame rate of the unit. The default frame rate of Snow 7 HD is 60 Hz.)

- Press and hold the Freeze Button for 3 seconds to enter into Frame Rate Setting. Press "+" and "—" to switch 50Hz or 60Hz and confirm the suitable frame rate by pressing the Color Mode Button. The system setting will be saved and memorized. So you don't need to set it again for your next use.

Notes:

Default is 60HZ, 50HZ or 60HZ setting can ONLY be selected under Close-view mode, but the selected system setting will be automatically memorized and can be used under far/close-view mode.

Troubleshooting

Problems	Solutions
Black screen	●Ensure that the power is on. ●Charge the battery. ●Decrease the magnification level. ●Ensure the image is below the crosshair.
The unit will not turn on.	●Charge the battery.
The image on the screen is dark or distorted.	●Ensure the unit is flat on the viewed material.
Power adapter is connected but the battery is not charging.	●Ensure the outlet has power and the plug is fully inserted in the power port.
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 viewed

	material.
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 image is not sharp or can't focus properly	**●Long press Freeze and Power buttons at the same time to enter into Factory Correction Mode to try to make adjustment.**
The screen is frozen or distorted or any other problem not mentioned in this manual.	**●Long press Mode and Power buttons together to switch off forcedly. Then, restart the unit.**

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 use 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 around 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. If necessary, 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.

Technical specifications

1. Magnification: 2.2X ~ 19X

2. High contrast color modes: 12 modes (3 favorite color modes)

- Full color

- Grey mode

- White text on black background mode

- Black text on white background mode

- White text on blue background mode

- Blue text on white background mode

- Yellow text on black background mode

- Black text on yellow background mode

- Blue text on yellow background mode

- Yellow text on blue background mode

- Green text on black background mode

- Black text on green background mode

3. Screen: 7-inch TFT

4. Camera: Auto focus: 5M pixels

5. Continuous magnification: Select the suitable magnification

6. Viewing distance: 6.5cm ~ 500cm (2.56〃~ 196.85“)

7. Functions: Freeze image, Switch color mode, Zoom in/out

8. Settings saved after power-off

9. Power-Saving: Snow 7 HD turns off automatically if non-use in 3 minutes

10. Connect to TV/Monitor

11. Power adapter:

Input: 110—240V

Output: 5V/2.5A

12. Continuous use: (Fully charged battery) 3 to 5 hours battery life (depending on Mode and Brightness level settings)

13. Charging time: 4~5 hours (only with use of Zoomax Battery)

14. Total weight: < 500g /17.64 ounces

15. Dimension: 195mm*139.5mm*25mm

NOTES