Snow Pad

User Manual

V1.0

ZOOMAX

Name: Portable Electronic Video Magnifier

Model: Snow Pad

Intended Use:

The Portable Electronic Video Magnifier is used to help people with presbyopia and low vision more easily read materials to help them work, live and study

Patient Population:

People with presbyopia and low vision

Storage:

Temperature: 0℃~30℃

Humidity: <70%

Others: Need to be in a dry, dark, clean, ventilated, non-corrosive gas environment

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1. Introduction and Usage

Thank you very much for choosing Snow Pad, an all-in-one portable electronic magnifier from Zoomax. We are committed to provide you with high-quality images, more comfortable experience, larger reading and writing area, using 7x HD optical zoom lens, stable bracket, and very easy to use. Snow Pad can be used in office conference room as well as school. As always, Zoomax hopes to help you have a more enjoyable visual experience in your work as well as life.

Please read this user guide carefully. This guide will help you better understand the features of Snow Pad.

We constantly seek to improve our products. Therefore, it is possible that this guide is not the latest version available. You can download the latest user's guide in the Technical Support section at *www.zoomax.com*

2. Safety and Care

To maintain Snow Pad in optimal condition:

- To avoid risk of fire, do not expose Snow Pad to excessive heat or direct sunlight.
- Use the Snow Pad in environments where the temperature is between 10℃ and 40℃ (50℉ and 104℉).
- To avoid the risk of electrical damage, keep Snow Pad away from

fluids and chemicals.

- To avoid the risk of electrical shock, do not attempt to disassemble the unit. Please refer service requests to Zoomax or an authorized repair facility.
- Always unplug the Snow Pad before cleaning. Use a cleaning cloth or a soft damp cloth to clean the exterior.
- Please do not charge the device with adapters and cables other than the accessories. And also do not use the device's adapter and cable to charge other electronic devices.

3. Get to Know the Snow Pad

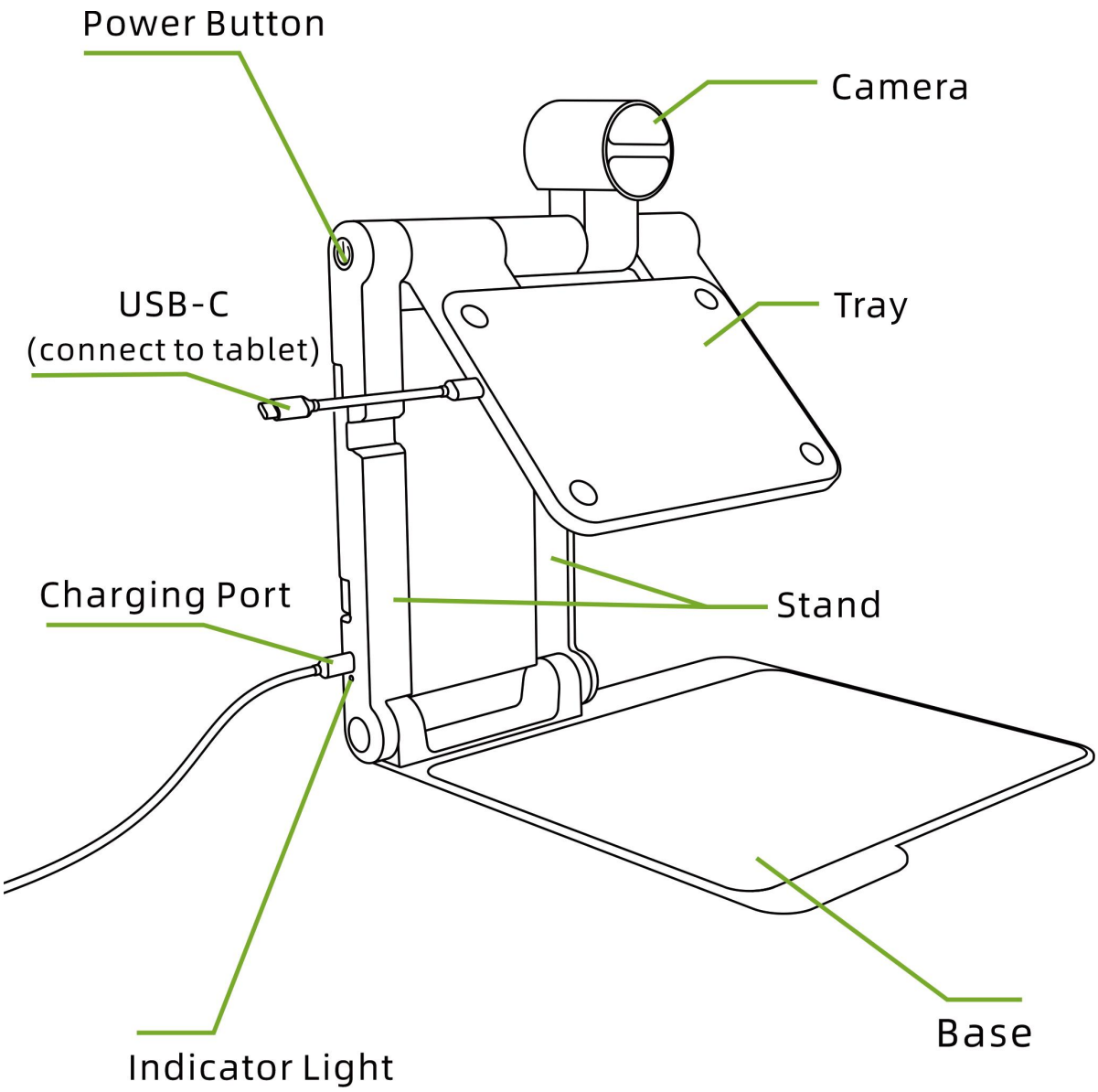
3.1 What's in the Box

You will find the following items inside the Snow Pad package box:

- Snow Pad devicex x1
- Backpack x1
- Power adapter x1
- Charging cable x1
- Short connecting cable x2
- Magnetic sheet x2
- Cleaning cloth x1
- Quick Start Guide x1

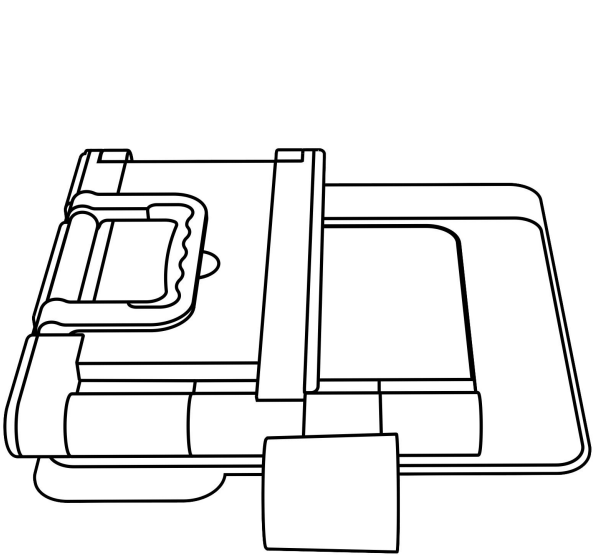
- User Manual x1
- Writing board x1

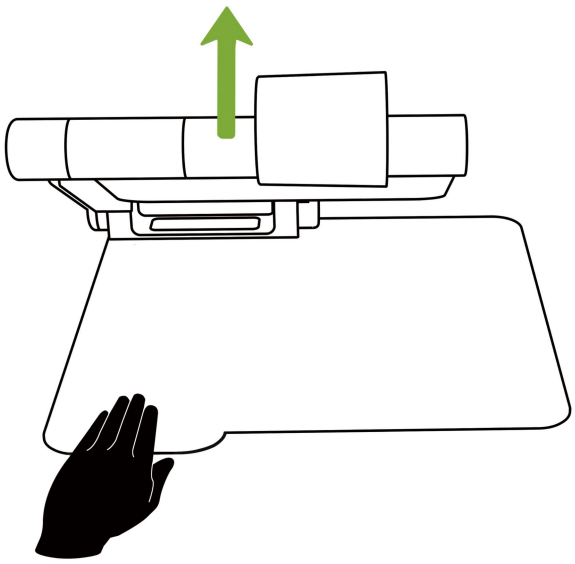
3.2 Snow Pad Overview



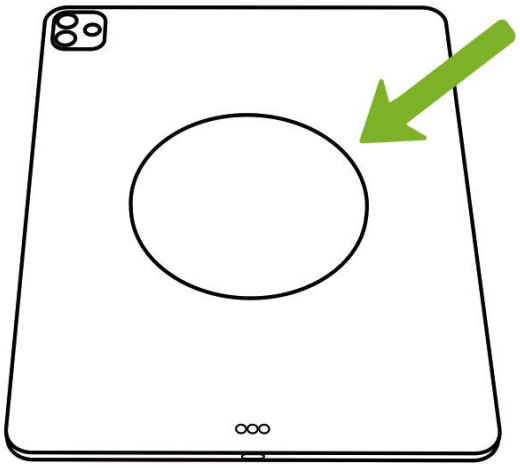
3.3 Preparation of Start-up

① Unfold the Snow Pad: Press and hold the protruding of the base, then unfold upwards.

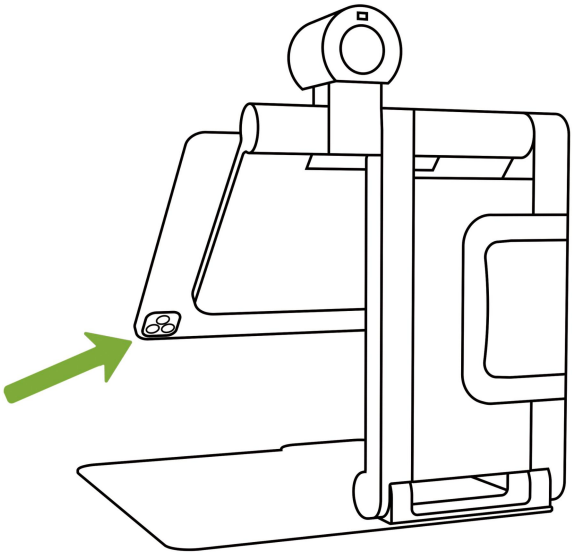




② Stick the circular magnetic sheet on the center of the back of the tablet. Let it stand for about 15 minutes before you put the tablet on the tray.

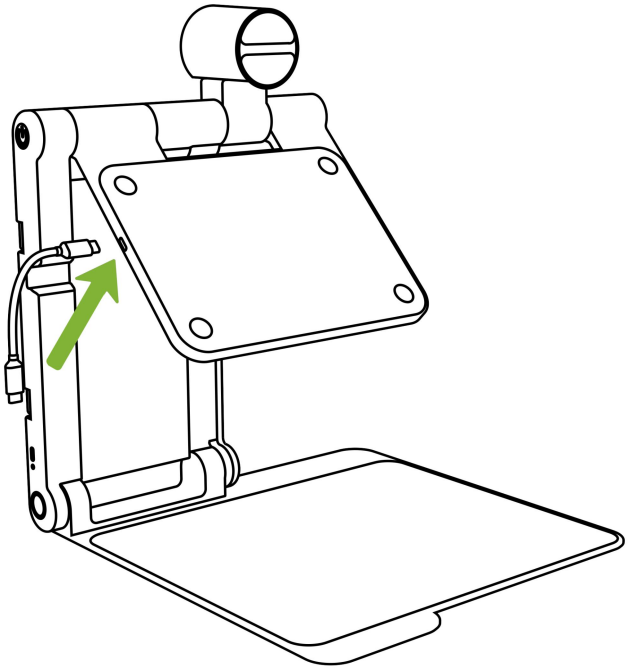


③ Put the tablet on the tray. Make sure the magnetic sheet attached the tray correctly so that the magnetic attraction is strong enough. Please make sure the camera of your tablet does not block by the tray.

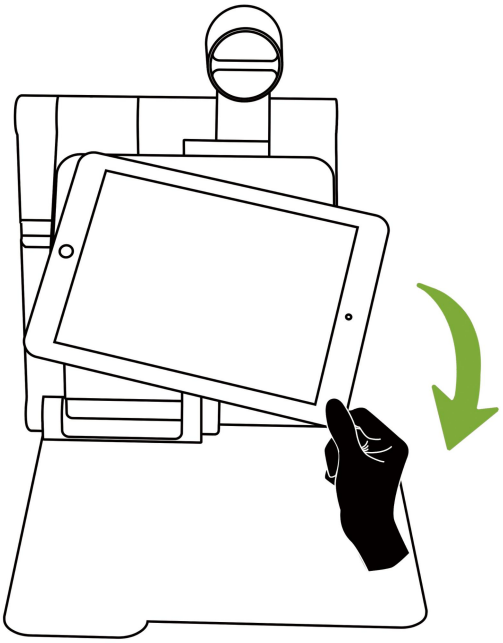


④ Plug one end of the short connecting cable into the port on the left side of the tray, and then plug the other end of the short connecting

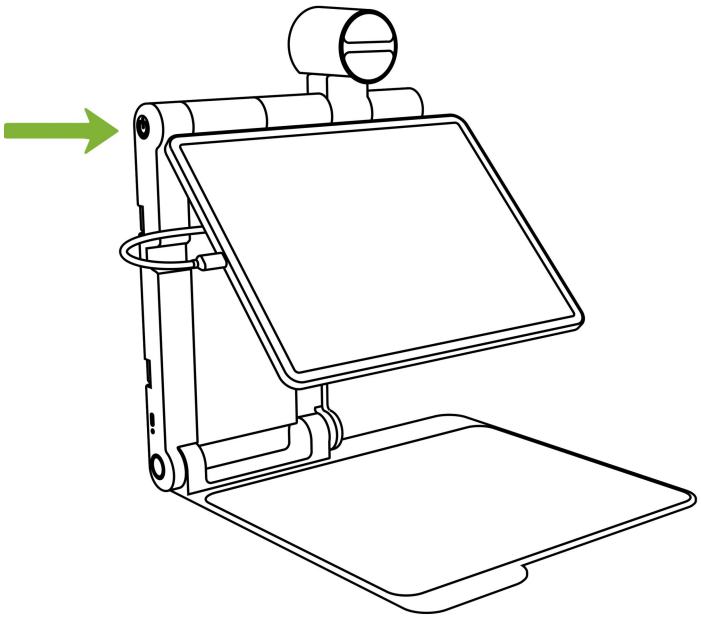
cable into the tablet.



⑤ Hold the lower left or right corner of the tablet next to you and slide it down, which makes it easier and safer to remove it.

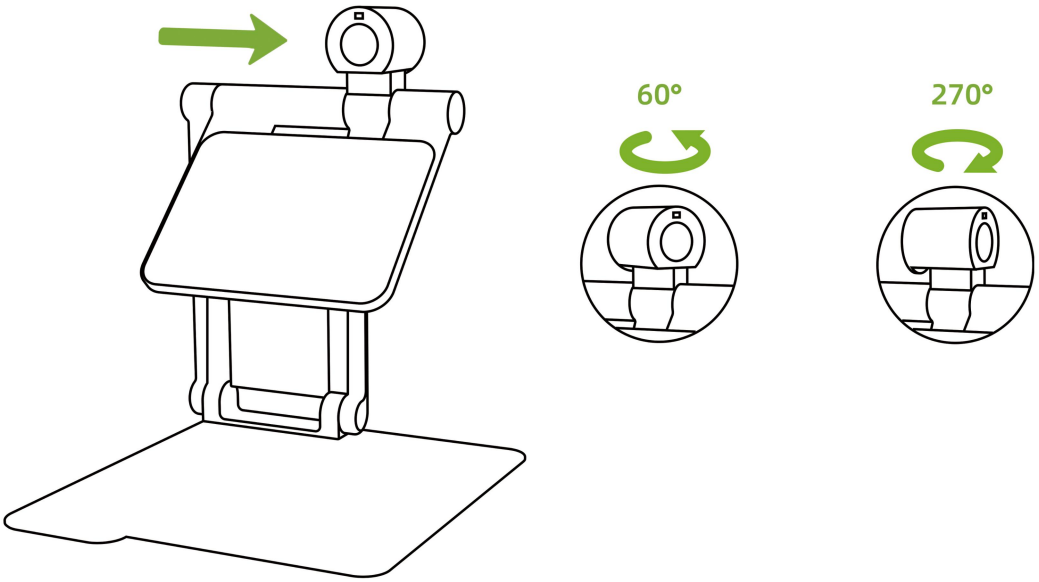


⑥ Long press the power button for 2s to start the Snow Pad, the light on the power button will light up when power on.

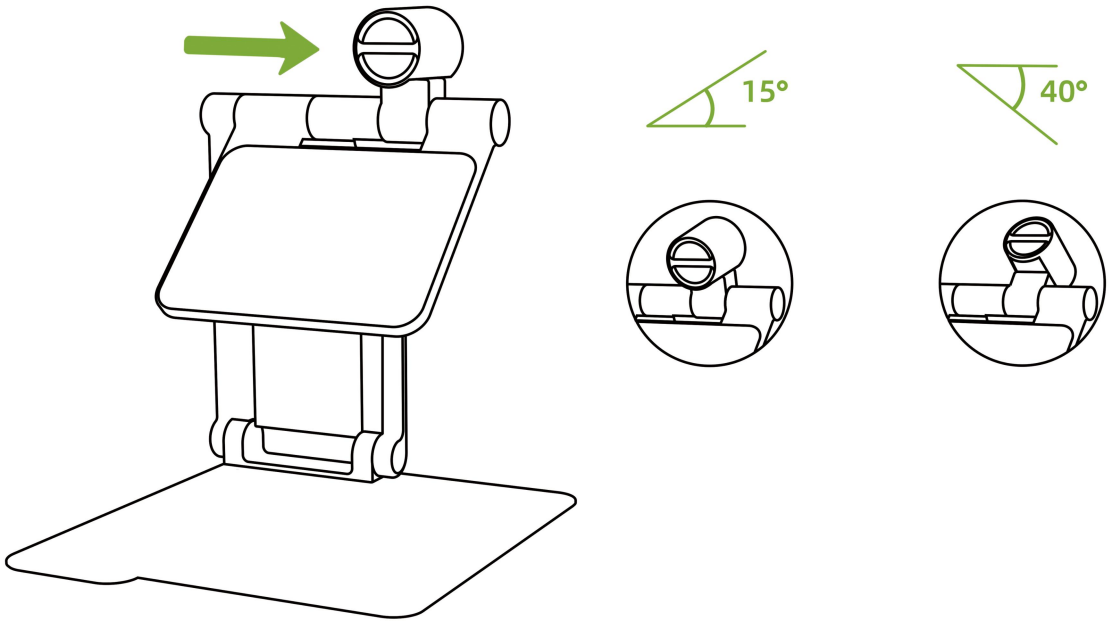


⑦ Camera angle

Turn 270 degrees clockwise and 60 degrees counterclockwise.



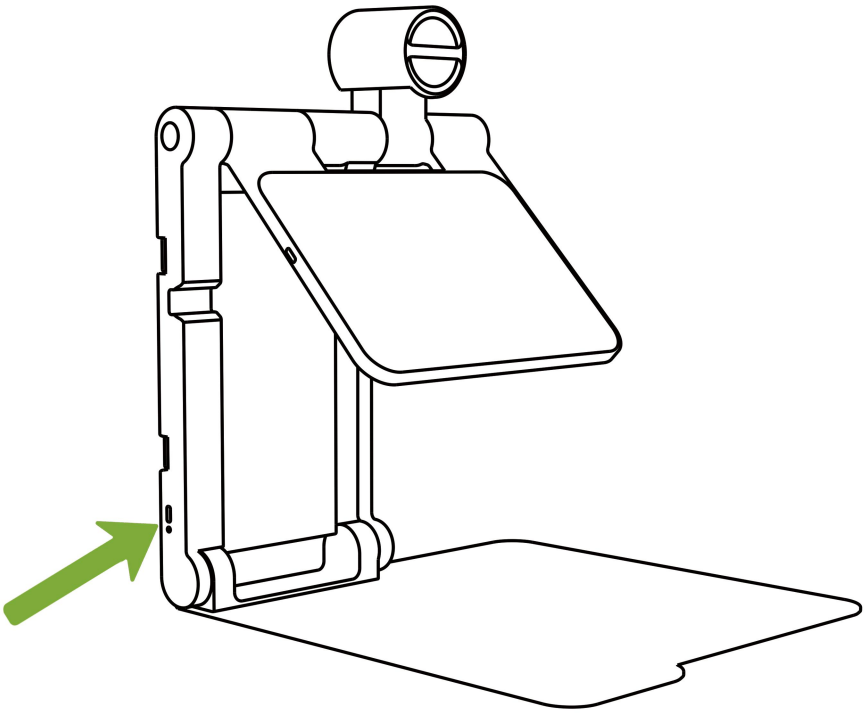
Turn 15 degrees up and 40 degrees down (when camera at distance view position).



4. Basic Operation of the Snow Pad

4.1 Charge the Battery

The battery should be fully charged before first use with the supplied power adapter. Plug the charging cable into the charging port on the underside of the stand.



The indicator light is yellow while the device being charged and turns green when fully charged.

It takes 4.5hours for Snow Pad to be fully charged and it can be used continuously for 5hours. When the battery is low, the tip icon appears on the screen. Please recharge the battery to avoid the device turns off unexpectedly.

4.2 Power on/off

Power on: Unfold the Snow Pad, turn out the tray, and long press the power button for 2s until the power button light turns green.

Power off: press the power button for **2s to** off the Snow Pad until the power button light goes out.

5. About SnowPad APP

Please search SnowPad APP in APP Market or APP Store and then install it.

Or you can scan the QR code to install the APP.

SnowPad IOS

SnowPad Android

Please note that the APP works only in the condition of your tablet being connected with Snow Pad.

Followings are the APP's main functions. You can find more introduction in Demo videos in：

Zooamx official website: *www.zoomax.com*

Zoomax YouTube account: *www.youtube.com/@ZooMaxmagnifier*

5.1 Home Page 1

The dock at the bottom of the screen automatically hides after 5s of inactivity. Touch anywhere on the screen to bring it up again.

You can also hide and wake up manually by touching the icon above the dock.

- Magnification range

Displays real-time magnification, from 1-32x.

- Panning

No icon but shortcut.

-- Image panning: When the magnification times ＞ 1x, use one or two-finger touch to pan the image.

-- Live panning:

①Distance view camera: Two-finger touch panning when the magnification times＞7x;

②Near view camera: Two-finger touch panning when the magnification times＞1x.

- Snow Pad Camera Battery

Displays remaining battery of the Snow Pad Camera

- Zoom in & out

No icon but shortcut.

Pinch or unfold both fingers to adjust magnification.

- Snap

Tap the icon to take an image and it saves automatically.

- Recent

Tap the icon to view the latest saved image or file.

- OCR/Text-to-Speech

Tap the icon to start. Please lay the reading material as flat as possible, as this will improve the recognition rate and accuracy.

- Color Mode

Tap the icon to change the color mode, and hold this icon for 1s can go back to true color directly. It has 10 kinds of high contrast colors totally which can be enabled or disabled in Settings.

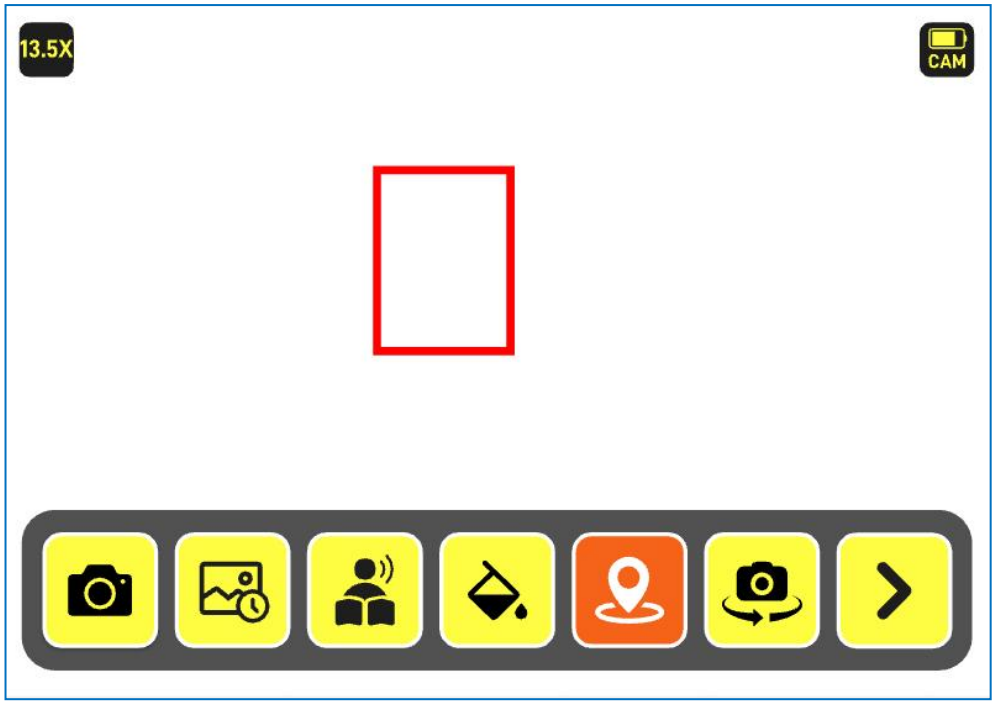
- Contrast Value Adjustment

No icon but shortcut.

In high-contrast color mode, slide one finger up and down on the right edge of the screen to adjust the contrast value until you see the image clearly..

- Find

Find function is for easily localizing the zoom in area. It only effects when the magnification time ＞ 1x. Tap the Find you on the screen to enter. A red frame appears. Tap again, the screen goes back to previous magnification time and the red box disappears.



- Camera Mode Change

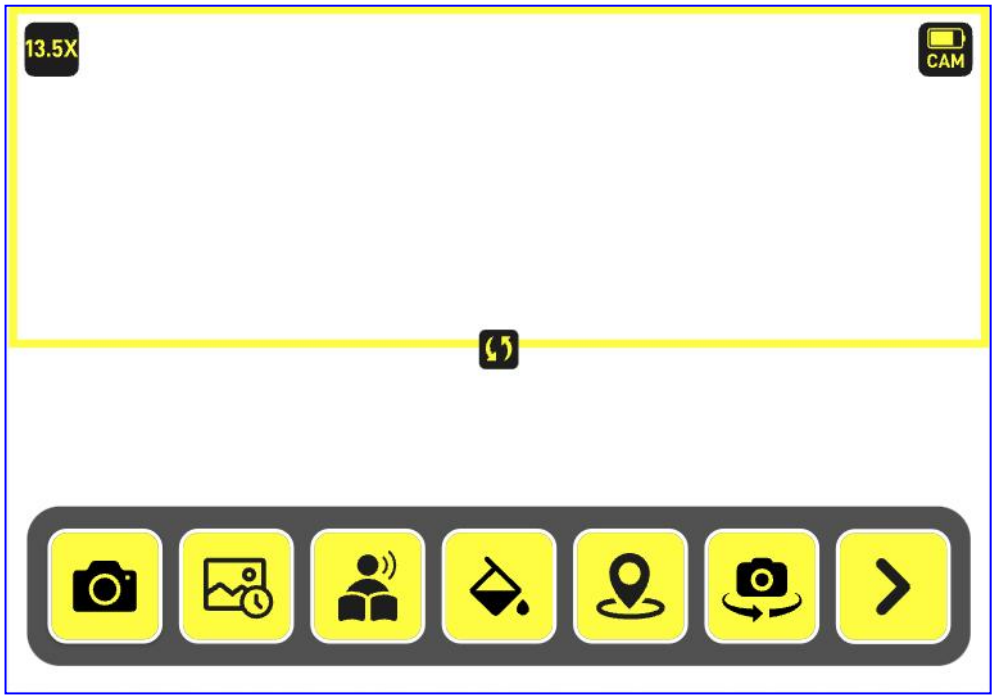
Tap the icon to change. The sequence of screen change is: full screen of distance-view → full screen of near-view → left and right split screen → up and down split screen.

When splitting the screen, click on the switch icon in the center to

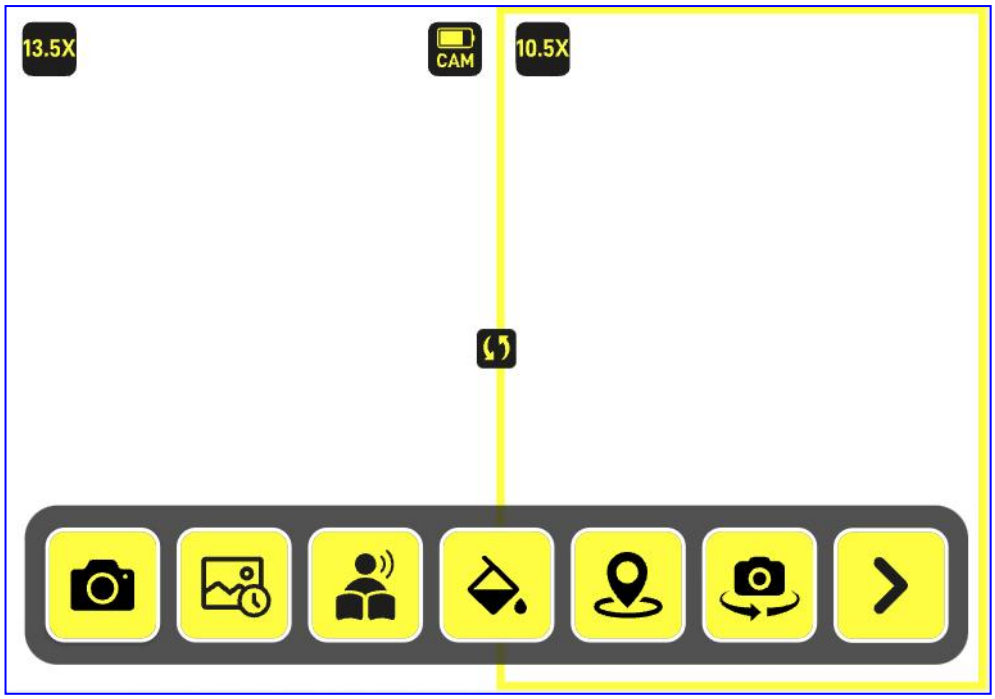
switch the two screens' position.

Shortcut: Tap gently with two fingers on the center of the left edge of the screen also enables the camera mode change.

Split screen: up and down



Split screen: left and right

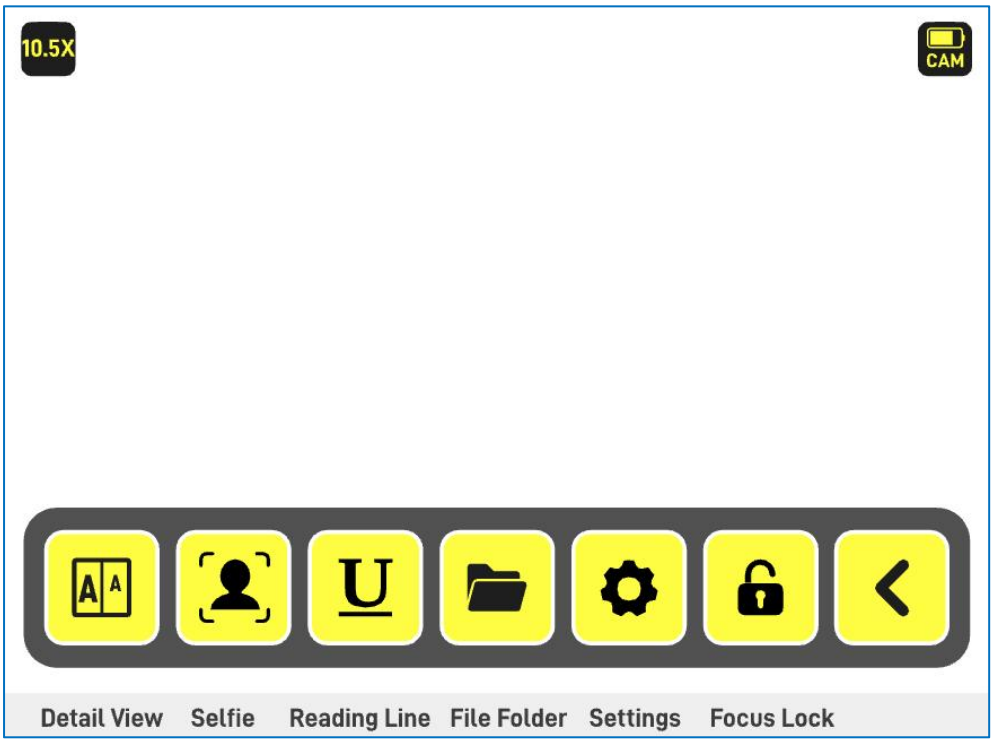


Put your finger on this icon and drag it up/down or right/left to adjust the size of the screens.

- More

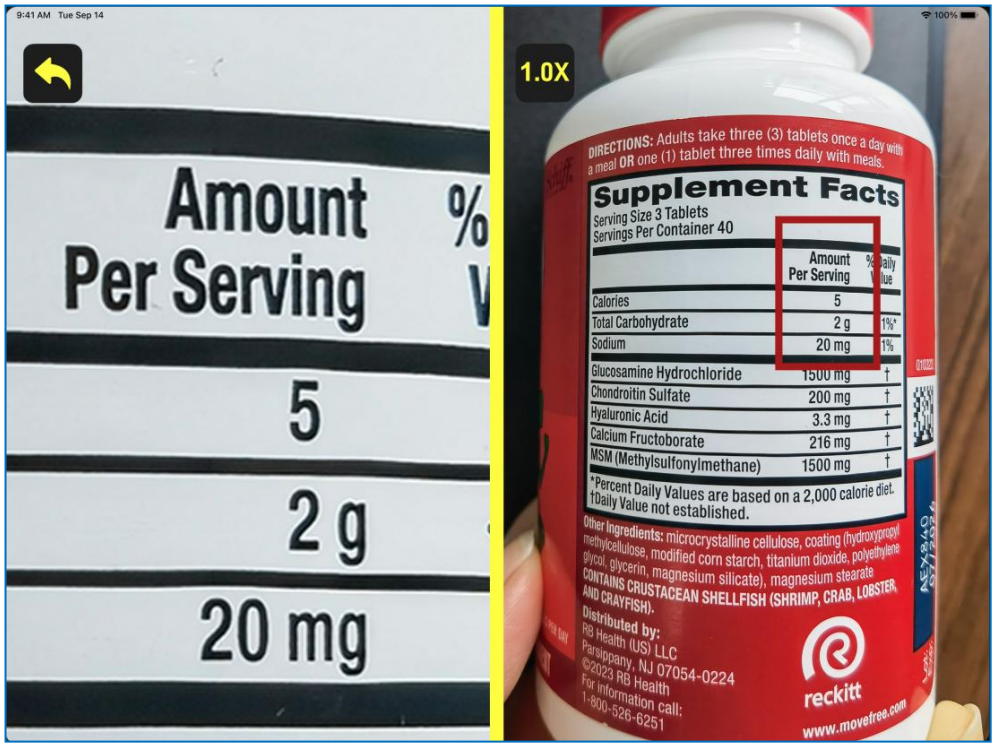
Tap the icon to expand more function icons, and goes to Home page 2.

5.2 Home Page 2



- Detail View

Tap the icon, the screen is divided into left and right parts, the magnification in the left side is approximately 4 times larger than the right side. There is a red frame in the right side. Place your reading material under the camera, drag the red frame with your finger to where you want to view, and then you see it was enlarged in the left side.



- Selfie

Tap the icon, the screen changes to the front camera of the tablet, so you can take a selfie, or apply make-up.

- Reading line

Tap the icon to call out the 5 kinds of reading line or mask that you can choose one prefer, and the reading line/mask can be moved in the screen. Moreover, there are 6 types of reading line color for your choice in Setting.

- File Folder

Tap the icon to open the folder(see 5.5).

- Settings

Tap the icon to enter into the settings page(see 5.6).

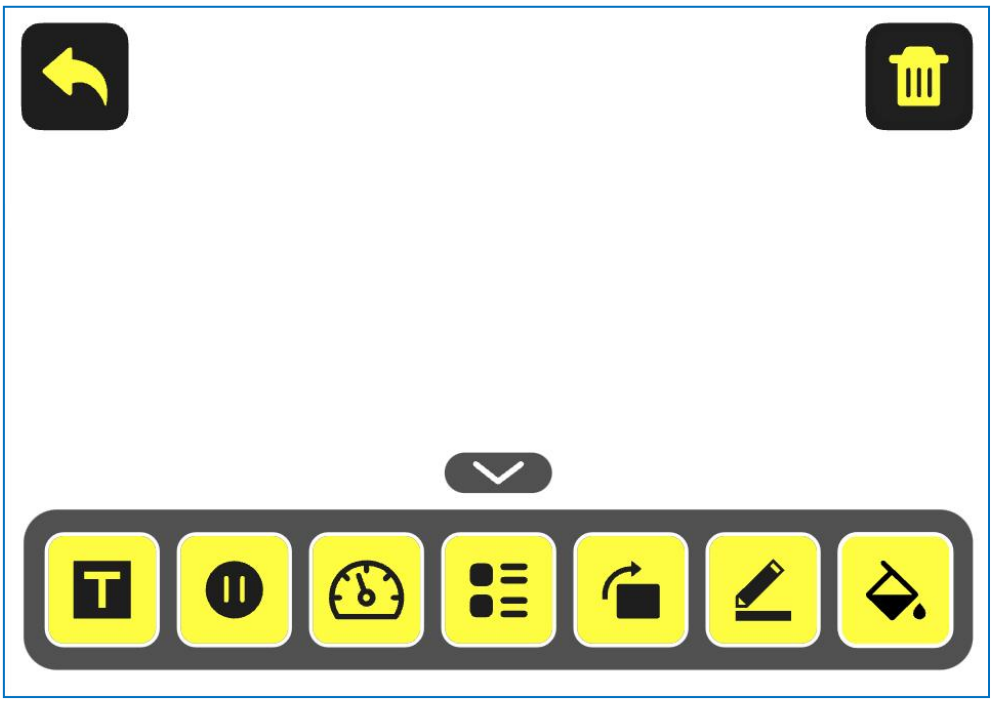
- Focus Lock

Tap the icon to lock or unlock the focus of the cameras. When being locked, the image will not focus repeatedly at the same distance, which is ideal for writing or looking far in the classroom.

- Back

Tap the icon to collapse the expand icons and go back to Home page 1.

5.3 Image Review & OCR/Text-to-Speech



- Image/Text

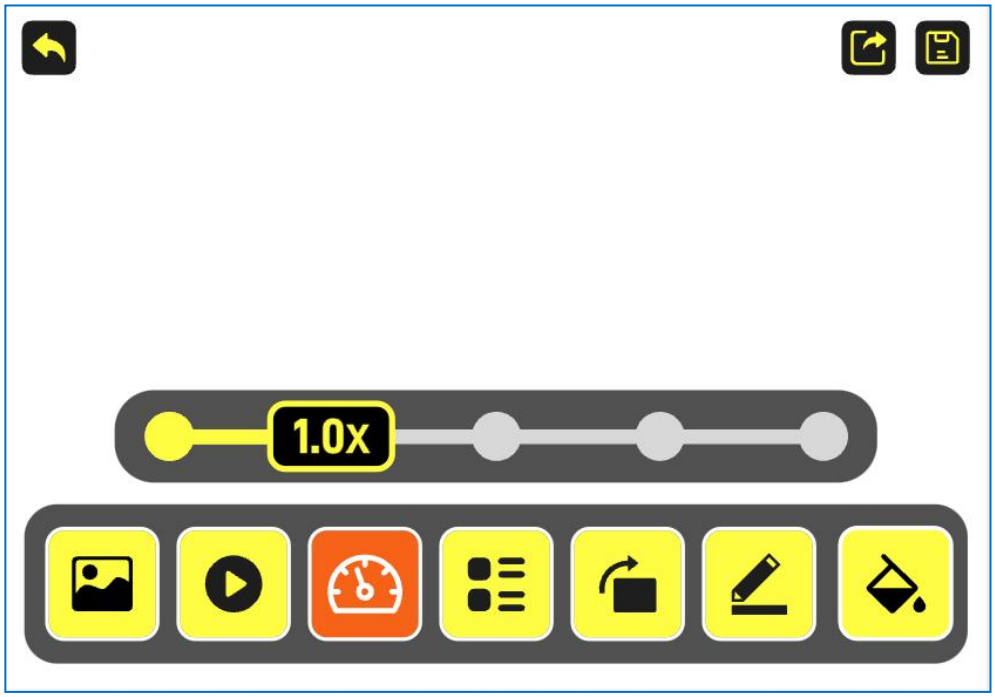
Tap the icon to switch between the image mode and text mode.

- Read

Tap the icon to start the Text-to-Speech function.

- Speed

Tap the icon to choose the reading speed.



- Partition

Under the image mode, click the icon to change the partition mode to make the reading area more clear, and there are total 3 different modes:

① No Partitioning

② partitioning by paragraph

③ partitioning by line

- Change Direction

Tap the icon to convert the image 90 degrees clockwise.

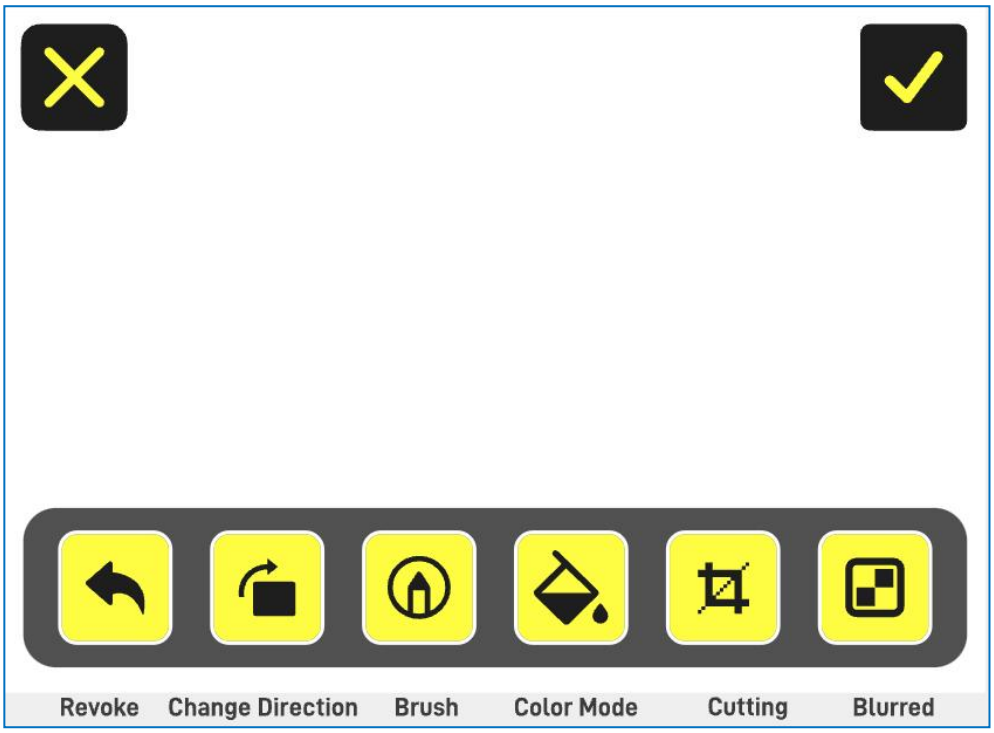
- Edit

Tap the icon to enter the edit page(see 5.4)

- Color Mode

Tap the icon to change the color mode.

5.4 Image Edit



- Exit

Tap the icon to exit the edit page and back to image view page.

- Save

Tap the icon to save the image to file folder.

- Revoke

Tap the icon to revoke operation and return to the last step.

- Change Direction

Tap the icon to convert the image 90 degrees clockwise.

- Brush

Tap the icon to change the colors of brush.

- Color Mode

Tap the icon to change the color mode.

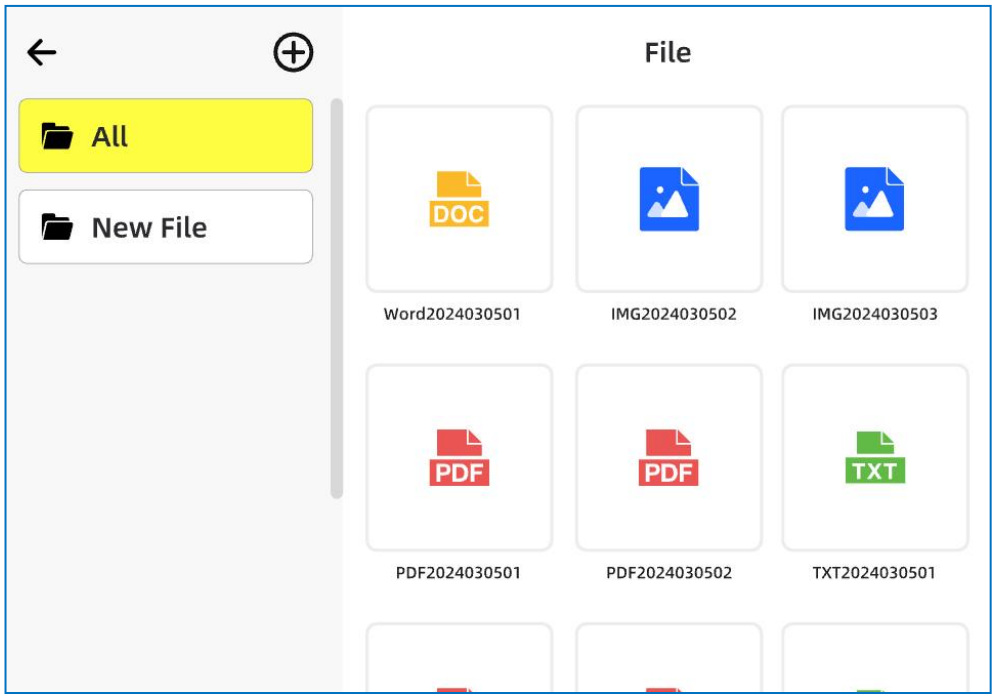
- Cutting

Tap the icon to enter the cutting mode and the cutting box can be moved.

- Blurred

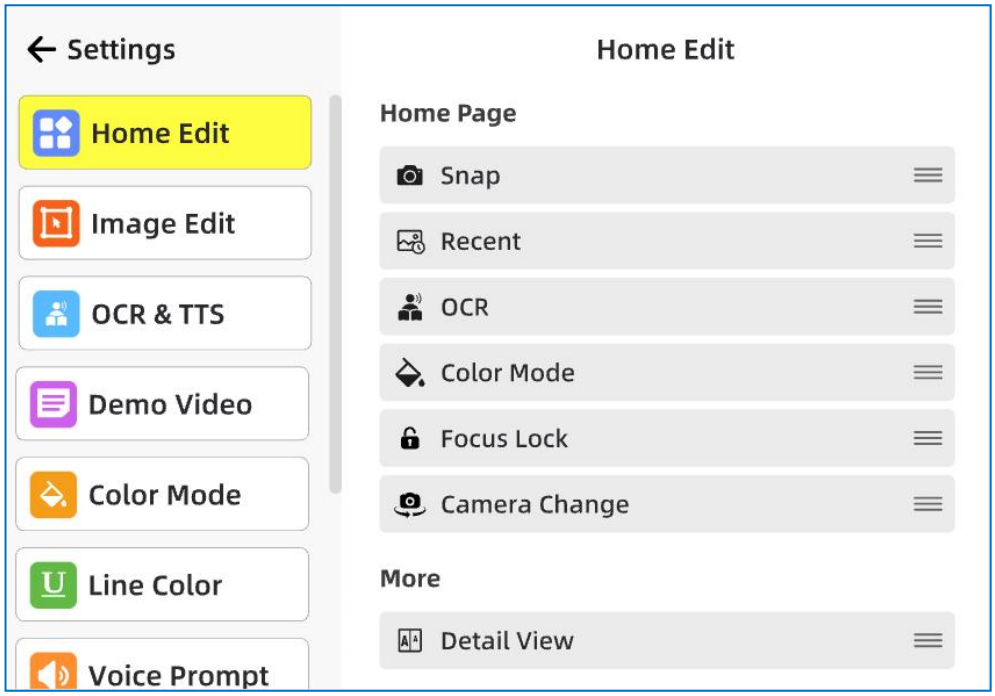
Tap the icon and then one-finger painting of a picture can blur the area.

5.5 File Folder



- APP comes with an initial folder ***ALL*** that contains all the images and documents, arranged in chronological order of saving, with the newest one displayed at the top.
- You can build new folders by clicking the plus icon ⊕ and name it as you like.
- Select some images or select all, delete or share them, or move them from one folder to another.

5.6 Settings



- Home Edit: Long press the right icon and drag it up and down to move the position of the icon, and then the icon on the home page will be changed accordingly.
- Image Edit: Long press the right icon and drag it up and down to move the position of the icon, and then the icon on the image view page will be changed accordingly.
- OCR & TTS: Choose the language, set the volume and reading speed.
- Demo Video: Play the video to see a demonstration of the function.
- Color Mode: Choose to enable or disable some color mode.
- Line Color: Choose one color for reading line.
- Voice Prompt: With this function enabled, a corresponding voice plays, prompting the current status and functions every time when you tap an icon. And you can disable it if you don’t need it.

- Frequency: Support for selecting appropriate local frequency.
- Reset: Reset all the settings to default factory value.
- Software: Display the current software version.

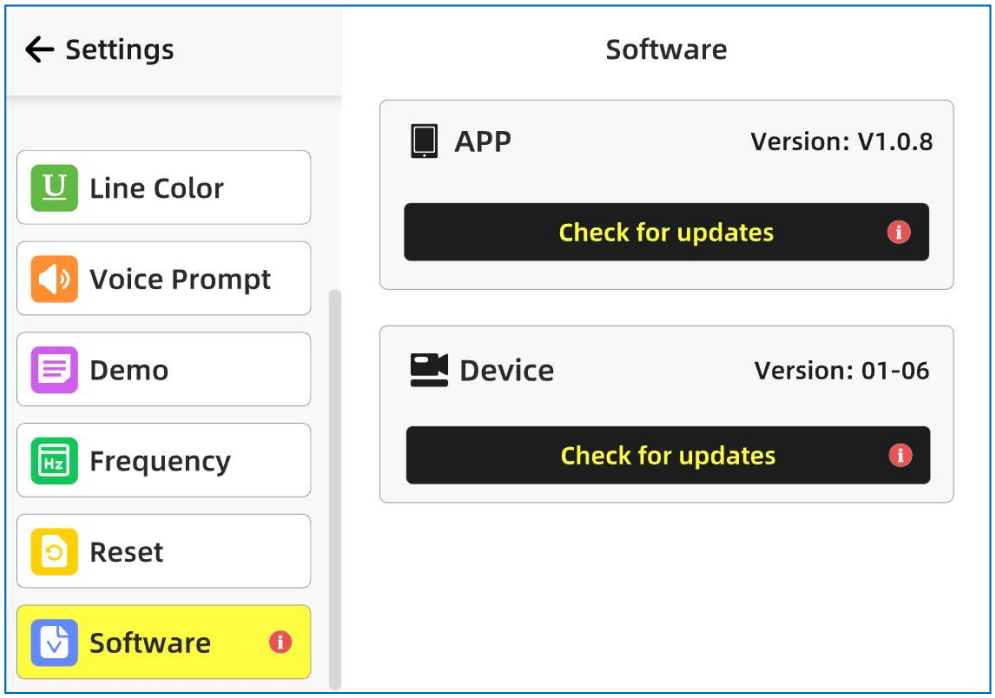
6. Software Update

- For Snow Pad device:

From V01-01 to V01-03: Update for dealer only. Use USB cable to connect the camera to the PC and then copy the software package for firmware version upgrade.

From V01-03 to later version: Update for dealer only. OTA update in APP.

- For APP: Online update in APP Store.



7. Specifications

- Magnification: 1-32x
- Color Mode: 10 high-contrast color modes

- Folding Size: LWH 309*312*55mm
- Stand Height: 278mm
- Camera: 7x optical zoom lens, auto focus, 1920*1080, 60FPS
- Weight: approx. 2.4kg/5.29lbs
- Battery Life: ~5h
- Charging time: ~4.5h
- Adapter: input 100-240V; output 5V/3A

8. Trouble shooting

①Why the device cannot boot on after long pressing the power button?

--- Check the battery life and charge it for several minutes and try again.

② The indicator light near the charging port flashing yellow?

---It means the device is in a low battery and needed to be charged as soon as possible.

③The device is connected to the tablet, but when it is turned on, a disconnection prompt is displayed within the APP.

---APP reboot; or re-plugging the connection cable between the device and tablet; or device reboot.

④ The image of Snow Pad distance view camera is blurry.

---Touch the screen to trigger focus manually; wipe the camera surface with the cleaning cloth.

⑤ The text in the APP is too small to read clearly.

---The font size within the app follows the tablet system and can be adjusted in the system settings.

⑥Black screen

---If there is no operation in the APP for 15 minutes, the device will enter sleep mode to save the power. Touch anywhere in the APP to wake up.

9. Service and Support

- Thank you for choosing our products, this product since the date of sale of the warranty period, the warranty period of two year. In the warranty period, where in accordance with the product instructions for normal use, the product itself quality problems arising from the failure, the company will be responsible for giving free maintenance.
- If you purchased this product through an authorized dealer, please contact them first for assistance and describe the problem you are experiencing in as much detail as possible.
- If you need additional accessories, such as adapters, please purchase them directly from your local dealer.

10. Certification and Compliance

Symbol	Introductions	Symbol	Introductions

	CE Symbol		AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	Manufacturer Name Address		Manufacture Date
	Batch Code		Store in clean & dry place protected from rain, snow, ice, salt and water.
	Warnings and Precautions		non-sterile
	medical device		Use-by date
	Keep dry		Keep away from Sunlight
	Consult instructions for use		Unique Device Identification
	Country of Manufacture		Model Number
	Importer		Distributor

European Authorized Representative:

Company：SUNGO Europe B.V.

Address: Fascinatio Boulevard 522, Unit 1.7, 2909VA Capelle aan den IJssel, The Netherlands

A- for Customer

_____	_____
Name	Tel
_____	
Mail	

B -Product Information (for Distributor)

_____	_____
Product Name/Model	Purchase Date
_____	
S/N	

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