

# **QUICK START GUIDE**

**LINNNZI**

**Kids Digital Camera**

## **CAUTION**

- \* This quick start guide is for reference only. The optimization on the product may not included in this QSG. The real product shall prevail.
- \* Never disassemble or attempt to repair this product. Doing so may damage the kids camera and void your product warranty.
- \* Set up time and date accurately before you use this camera.
- \* Exposing the product to open flames can cause explosion.
- \* Severe impact could damage the product.
- \* Secure the battery chamber before using the camera underwater. Otherwise, the water could leak into it.
- \* For safety concerns, do not use/operate this kids camera while riding or driving.
- \* The supplier is NOT responsible for the loss of any data/content during operation.
- \* Strictly observe relevant laws as this product cannot be used for any illegal purpose. The user is responsible for any legal matters.

**Before you start using the Kids Digital Camera it is assumed that you agree to the above statements.**

## **HOW TO CONTACT US?**

If you come across any issue please feel free to drop us a quick message at: [linnzi.us@yahoo.com](mailto:linnzi.us@yahoo.com). We answer most emails within 12-24 hours. If you purchase from Amazon, you can contact us via Amazon Message as well.

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## 1 Introduction

Thank you for purchasing LINNNZI kids digital camera. This waterproof digital toy camera is specially designed for kids aged from 36 months to 10 years old. Its sleek design, child-friendly operation makes it a great gift for kids. Wish your baby have a great time with our camera

### 1.1 Features

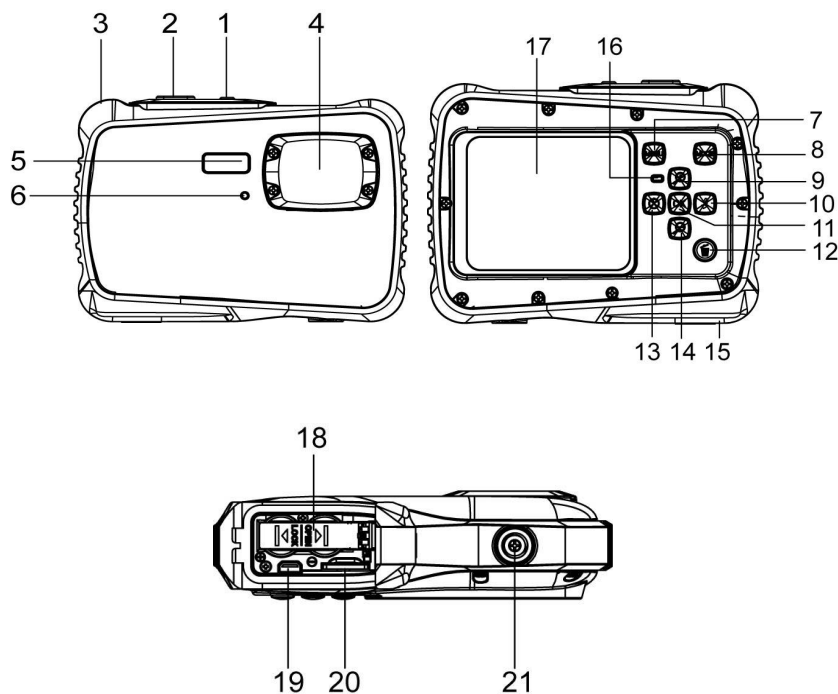
- \* Photo Resolution: 12M / 8M / 5M / 3M/ 2M
- \* Video Resolution: 720P (HD) / 480P (D1) / VGA
- \* Waterproof up to 3M (6.9ft)
- \* Screen: 2.0" TFT LCD
- \* File Formats: JPEG/AVI
- \* Supports micro SD Memory up to 32GB
- \* 4 x Digital Zoom
- \* USB 2.0 User Interface
- \* Power Source: 2 x AAA Batteries
- \* Compatible System: Microsoft Windows XP, 7, 8, 10, Vista; Mac OSX10.3 and above
- \* Storage/Operation Temperature: 5°C to 40°C

### 1.2 Package Contents

The package contains the following items. In case there is any missing or damaged item, contact us immediately.

- 1 x Kids camera
- 1 x Hand Strap
- 1 x USB Cable
- 1 x Quick Start Guide

### 1.3 Product Overview



No.	Name	Illustration
1	Power Button	To turn on/ off the camera.
2	Shutter Button	Press to take a photo; Press to start/stop video recording.
3	Hand Strap Hole	To install the hand strap.
4	Lens	Camera Lens.
5	Flash Light	For light compensation in Darkness.
6	Self-Timer LED	Blinking Red Light: red light blinks per second, Indicates the camera is prepared for the photo; Still Red Light: indicates the camera is taking the photo; When the LED goes out, indicates the photo has been taken.
7	MENU Button	To bring up the menu.
8	MODE Button	To switch among Photo/Video/Playback Modes.
9	UP/Zoom In Button	To go up in the menu; To zoom in in Photo/Video/Playback Modes.
10	Right/Flash Button	To go right in the menu; To enable/disable flash light in Photo Mode.
11	OK Button	To confirm your selection;
12	Delete Button	To delete the file you selected in Playback Mode.
13	Left/Self-Timer button	To go Left in the menu; To enable/disable self-timer in Photo Mode.
14	Down/Zoom out button	To go down in the menu; To zoom out in Photo/Video/Playback Modes.
15	Battery Door	Door to battery compartment.
16	Busy Indicator	When the flash light is charging, this indicator will blink blue; When the camera is shooting video, the indicator will blink blue.
17	Display Screen	To check what you have filmed;
18	Battery Compartment	To insert the 2x AAA batteries; An inner door to better secure the batteries
19	USB Slot	For data transmission.
20	Micro SD Card Slot	To insert the SD card (up to 32GB, Class 10)
21	Tripod Connector	To connect with tripods.

## 2 Getting Started

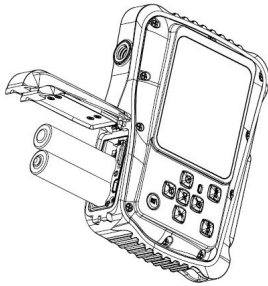
### 2.1 Installing the Batteries

1. Open the camera battery door by pushing the switch and release the cover at the same time.

(You can refer to this video clip: <https://youtu.be/GQh87Oj-338>)

2. Insert 2 x AAA batteries as per the marks shown on device. Make sure the batteries are correctly inserted, otherwise the camera won't turn on.

3. Push to close the battery cover. Make sure the battery door is closed securely to avoid any water leakage.



### 2.2 Installing Memory Card

The camera has no internal memory, to be able to take pictures and video clips you will need a memory card.

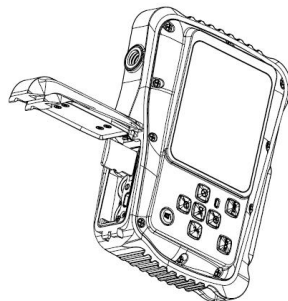
Insert the TF card with the gold contacts facing the front of the camera (side with camera lens). Push the memory card until it clicks into place. Never try to force the card into the slot.

#### To remove the memory card

Push to eject the memory card out of the slot.

#### Note:

1. Do not remove or insert the memory card when the device is turned on. This may damage the memory card.
2. The camera supports max 32GB TF card (Class 10).
3. Please use authentic card, otherwise it may not be recognized.
4. Please format the SD card on your camera in initial use.



### 2.3 Device On/Off

Press the Power button to turn on/off the camera.

#### Note:




1. By default, the Auto Power Off is set to 3min, and so the camera will turn off automatically if no operation is made in 3min to save power.
2. You can go to Menu- Setup- Auto Power Off to customize your setting.
3. In case of low battery, the camera will turn off automatically. In this case, please use new batteries.

### 2.4 Set Your Language, Date and Time Prior to Use

When your camera turn on for the first time, it will ask you to select your language and set the date and time for your camera. Press Up/Down button to make your change and press OK button to confirm your selection.

### 2.5 Camera Modes

There are 3 camera modes: Photo, Video and Playback Mode. Press the Mode button to switch among three modes.

Display	Modes	Illustration
	Photo Mode	To take still photos
	Video Mode	To record video clips
	Playback Mode	To review saved photos/videos

### 2.6 System Settings

You can access the camera system settings under Photo/Video Mode. Here is how:

1. Press Menu button enter the menu in Photo/Video Mode.
2. Press the Right button to select [Setup] (for system settings) .
3. Press the Up/Down/OK buttons to make the changes and confirm your selection.
4. Press the MENU button to return to previous page.

Menu	Function
Auto Power Off	[Off, 1min, 2min, 3min, 4min, 5min, 10min] If set to 3min, the camera will turn off automatically if no operation is made in 3min to save power; If set to Off, the camera will not auto turn off.
Language	[English, Espanol, Portugues, Francais, Chinese, Japanese ....] To set the system language for your camera
Frequency	[50Hz/60Hz] Set to 60Hz if you are in US to avoid flickering images.
Date	[On/Off/Set Date] On: To turn on the time stamp on your photo/video; Off: To disable the time stamp on your photo/video; Set Date: to set the date and time for your camera.

Default Setting	[OK/Cancel] OK: To restores the camera to default settings. Data saved in the SD card will not be erased.
Format	[OK/Cancel] OK: To format to SD card.

**Note:**

1. Formatting the SD card will erase all files saved, including protected files.
2. Removing the micro SD card during formatting process may damage the card.

## 3 To Use the Device for Taking Photos

### 3.1 Enter the Photo Mode

Turn on the device and it will enter Photo Mode by default, and  icon will appear on the upper left corner of the screen.

### 3.2 Taking photos




Follow the below procedure to take your photos:

1. Use the screen to view your subject.
2. Use Up/Down buttons to zoom in /out on your subject. The value of magnification level is shown on the screen (x1~x8).
3. Press Shutter button to take a picture.
4. After the photo is taken, the screen will display the image for a brief second.
5. The memory capacity on the upper right corner of screen will decrease by 1.

### 3.3 Using Self-Timer Function

You can use the self-timer function when you want to take a photo of yourself or when you want to take a photo of an object when the camera must be as still as possible.




1. Turn on the camera, and make sure it is in Photo Mode;
2. Press Left button to enable the self-timer. Press Left button again to change the self timer setting among 2s, 5s and 10s.

Icon	Title	Illustration
	2 seconds	Photo will be taken 2s after the shutter is pressed.
	5 seconds	Photo will be taken 5s after the shutter is pressed.
	10 Seconds	Photo will be taken 10s after the shutter is pressed.

### 3.4 Using the Flash

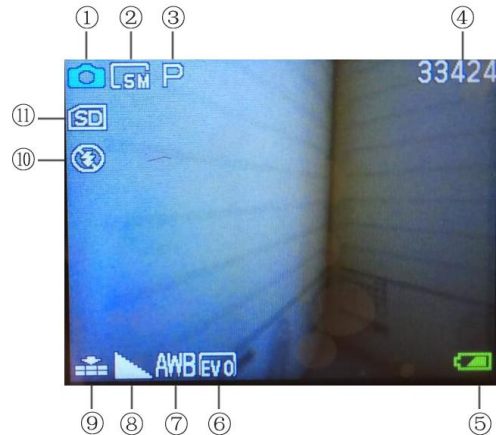
The flash is not only for taking photos in dim lights, but also for the subject in shade or with backlight conditions.

1. Turn on the camera, and make sure it is in Photo Mode;
2. Press Right button to enable the Flash. Press Right button again to change the flash between auto flash and full flash.

Icon	Title	Illustration
	Auto flash	Flash fires automatically when shooting conditions require extra lighting.
	Full Flash	Flash fires every time you take a photo, regardless of lighting conditions.
	Flash Off	The flash is disabled.

**Note:**

1. The flash function is inactivate in burst shooting or video recording.
2. The flash will not work when the battery is low.
3. The Busy Indicator will blink blue while the flash is charging.
4. Wait for the charging completed to take next photo.
5. Shooting with a flash in a bright lights may cause incorrect exposure.

**3.5 Photo Mode Interface Illustration**

No.	Name	Illustration
①	Photo mode icon	Indicating the camera is in Photo Mode
②	Photo Resolution icon	Indicating the photo resolution; Here it is set to 5M.
③	Scene setting icon	Indicating the Scene you set; Here it is set to Auto
④	Photo numbers icon	Indicating how many photos could be taken; Here you can still take 33,424 photos with this SD card
⑤	Battery level icon	Indicating the battery level
⑥	Exposure icon	Indicating the exposure level you set; Here it is set to 0.
⑦	White balance icon	Indicating the white balance setting; Here it is set to Auto
⑧	Sharpness icon	Indicating the sharpness setting; Here it is set to Normal
⑨	Image quality icon	Indicating the image quality you set; Here it is set to Fine
⑩	Flash light icon	Indicating the flash light status; Here the flash light is disabled
⑪	SD card icon	Indicating the SD card is duly recognized

### 3.6 Menu Settings for Photo Mode

Press Menu Button under Photo Mode to bring up setting menu for Photo Mode.


Setting	Option	Illustration
Scene	[Auto/ Night Portrait/ Night Scenery/ Portrait/ Scenery/ Sport/ Party/ Beach/ High Sensitivity/ Underwater]	You can select the scene mode according to the image you wish to capture.
Image Size	12M (4000x3000)/ 8M (3264x2448)/ 5M (2592x1944)/ 3M (2048x1536)/ 2M (1600x1200)	Customize your photo resolution.
Shooting	[Multi-Snapshot/ Self Timer (Off/2s/5s/10s)]	Multi-Snapshot: If enabled, you can take 3 photos each time; Self-Timer: If enabled, the camera will take a photo after preset time.
Image Setting	Exposure [3/2/1/0/-1/-2/-3]	Adjust the exposure to compensate for unusual lighting conditions such as indirect indoor lighting, dark backgrounds, and strong back lighting.
	White Balance [Auto/ Daylight/ Cloudy/ Incandescent/ Fluorescent]	Adjust the white balance to suit different light sources.
	Image Quality [Super Fine/ Fine/ Normal]	Higher image quality requires larger storage space, but provides better imaging quality.
	Sharpness [Sharp/ Normal/ Soft]	Set to Sharp to get more clearer photo
	Effect [Normal/ B&W/ Sepia/ Red/ Green/ Blue/ Sunset/ Warm/ Cool/ Over Exposure/ IR/Binary/ Vivid/ Undertone/ Dog Eye/ Aibao/ Gothic/ Japanese Style/ LOMO/ Negative]	To customize the color tone for the photo to be taken.
Saturation [High/Norma/Low]	To set the saturation of the photo	

**Refer to attachment for the different setting effects.**

## 4 To Use the Device for Shooting Videos


This camera has built-in microphone and allows you to take video clips with sounds.

### 4.1 Enter the Video Mode

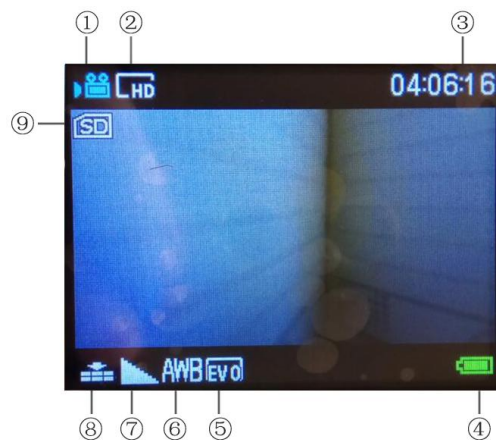
Turn on the device, it will enter Photo Mode by default, press Mode button once and it will enter into Video Mode. In Video Mode, this  icon will appear on the upper left corner of the screen.

### 4.2 Shooting Videos

Follow the below procedure to shoot your videos:

1. In Video Mode, use the screen to view your subject.
2. Use Up/Down buttons to zoom in /out on your subject. The value of magnification level is shown on the screen (x1~x8).
3. Press Shutter button to start Recording. While recording, the timer on the top right corner of the screen shows how long it has been recorded and there is red dot  blinking on the top of the screen.
4. Press the Shutter button again to stop recording, or recording stops automatically when the current micro SD card is full.

### 4.3 Video Mode Interface Illustration



No.	Name	Illustration
①	Video mode icon	Indicating the camera is in Video Mode
②	Video Resolution icon	Indicating the video resolution; Here it is set to 720p (HD).
③	Video length icon	Indicating length of video could be taken; Here you can still record 4hrs videos with this SD card.
④	Battery level icon	Indicating the battery level
⑤	Exposure icon	Indicating the exposure level you set; Here it is set to 0.

⑥	White balance icon	Indicating the white balance setting; Here it is set to Auto
⑦	Sharpness icon	Indicating the sharpness setting; Here it is set to Normal
⑧	Image quality icon	Indicating the image quality you set; Here it is set to Fine
⑨	SD card icon	Indicating the SD card is duly recognized.

#### 4.4 Menu Settings for Video Mode


Press Menu Button under Video Mode to bring up setting menu for Video Mode.

Setting	Option	Illustration
Size	[HD (1280x720)/ D1(720x480)/ VGA(640x480)]	Set the video resolution for the recording.
Image Setting	Exposure	Refer to <b>3.6 Menu Settings for Photo Mode</b>
	White Balance	
	Image Quality	
	Sharpness	
	Effect	
	Saturation	

## 5 Accessing, Playback and Delete Files

You can playback the files either on the device or on your computer.

### 5.1 Enter Playback Mode

Turn on the device, it will enter Photo Mode by default, press Mode button twice and it will enter into Playback Mode. In Playback Mode, this  icon will appear on the upper left corner of the screen.

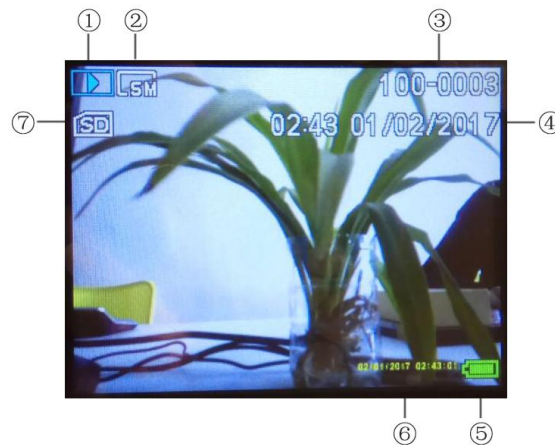
### 5.2 Playback Saved Files

Follow the below procedure to playback your files:

1. In Playback Mode, use the Left and Right buttons to browse through the files.
2. Press the Down button to enter the thumbnail mode.
3. Press the Up button to zoom in the current photo.
4. To playback video clips:
  - A. Press the Shutter button to start playing the file;
  - B. Press the Shutter button again to pause it, press again to continue the playing;
  - C. Press Up button to stop playing and return to Playback Mode.

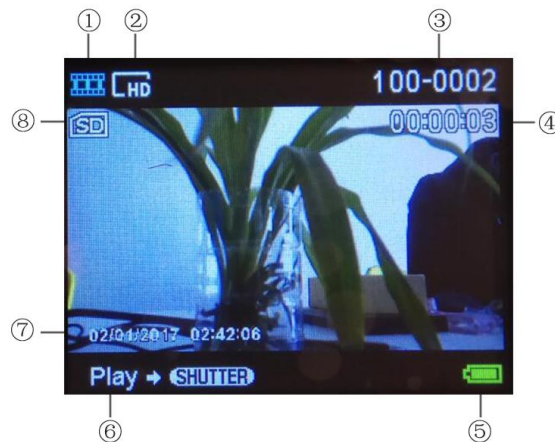
### 5.3 Playback Mode Interface Illustration

#### 5.3.1 Photo Playback Interface Illustration



No.	Name	Illustration
①	Playback mode icon	Indicating the camera is in Playback Mode
②	Resolution of photo	The resolution of current photo is 5M
③	Sequence of current file	0003 means it is the 3 <sup>rd</sup> file saved in the memory
④	Time stamp	Time and date when the photo is taken
⑤	Battery level icon	Indicating the battery level
⑥	Time stamp on the photo	Time and date when the photo is taken
⑦	SD card icon	Indicating the SD card is duly recognized.


### 5.3.2 Video Playback Interface Illustration



No.	Name	Illustration
①	Playback mode icon	Indicating the camera is in Playback Mode
②	Resolution of video	The resolution of current video is 720p (HD)
③	Sequence of current file	0002 means it is the 3 <sup>rd</sup> file saved in the memory
④	Length of video	Indicating the length of current video
⑤	Battery level icon	Indicating the battery level
⑥	Guide	Press Shutter button to start/pause play the video
⑦	Time stamp on the video	Time and date when the video is recorded
⑧	SD card icon	Indicating the SD card is duly recognized.

### 5.3 Menu Settings for Playback Mode

Press Menu Button under Playback Mode to bring up the setting menu for Playback Mode.

Setting	Option	Illustration
Slide Show	[3s/ 5s/ 10s/ Cancel]	It allows you to play a slide show of the photos taken. If set to 3s, each file saved will be displayed for 3s and then it will show the next file. Press OK button to stop playing.
Rotate	[90°/ 180°/ 270°/ Cancel]	Allows you to rotate the image 90 degrees in the clockwise direction. Press the OK button and the image will be saved like it is displayed.
Protect	[Unlock This/Unlock This/ Lock All/Unlock All]	The locked file will not be deleted; The  icon will appear on locked files when viewing them in the playback mode
Delete	[This Video(Image)/ All/	Allows you to delete one or all files.

	Cancel]	
Crop Image	[Crop/ Cancel]	If crop function is enabled, 1. Press Up/Down button to select your area on the photo; 2. Press OK to check the cropped image; 3. Press OK again to saved the file, or press Left button to give up the changes.

**Note:**

1. For video files, only Lock and Delete setting options are available
2. The image can only be cropped to a smaller size than the original one.

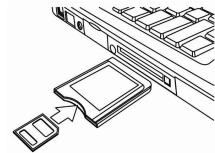
**5.4 Download Files to Your Computer**

There are two ways to download files from the camera to your computer:

- Reading the memory card on your PC with a card reader
- By connecting the camera to your PC with the supplied USB cable.

**5.4.1 Using a Card Reader**

- 1: Eject the SD card from the camera and insert it into a card reader, then read the card reader on your computer.
- 2: Open [My Computer] and double click the removable disk icon that represents the SD card.
- 3: Copy files from the SD card to your computer.



**5.4.2 Connecting the camera to a PC with the USB Cable**

- 1: Connect the camera and your PC with the supplied USB cable. An icon “MSDC” appears on the screen when the connection succeed.
- 2: Open [My Computer] or [Windows Explorer]. A "Removable Disk" appears in the drive list. Double-click the "Removable Disk" icon to view its contents. Files stored on the camera are located in the folder named "DCIM".
- 3: Copy the files to your computer.

## 6 Specifications

Item	Specification
Image sensor	5 Mega pixels Digital Camera
Photo	4000×3000 (12M by software interpolation)/3648×2736(10M by software interpolation)/3264×2448 (8M by software interpolation)/ 2592×1944 (5M)/2048×1536(3M)/1600×120 (2M)
Video	HD(1280×720)20fps/D1(720×480)30fp/VGA(640×480)30fps
LCD Display	2.0 TFT (960×240)
Build-in Microphone	Yes
Speaker	No
Storage Media	Micro SD card, up to 32GB, Class 10
Digital Zoom	8× Digital Zoom
Aperture	F2.8; f=5.3mm
Lens feature	4pcs plastic of metal Lens
FOV	58(D)
Focus	1.5m~infinity
EV Value	+3 ~ -3 EV in 1.0EV increment
Self-Timer	2/5/10 seconds
White Balance	Auto/Daylight/Cloudy/Incandescent/Fluorescent
Effect	Auto/ Night portrait/ Night scenery/ Portrait/ Scenery/ Sport/ Party/ Beach/ High sensitivity/Underwater
HDMI Port	No
Video Out	NTSC/PAL
Shutter Control	Electronic Shutter
Shutter Speed	1/2~1/2000 sec
PC interface	Mini USB 2.0
Power Source	2× AAA Battery
Supported System	Microsoft Windows XP, Vista, win7, Apple Mac10.5.8
Language	English /French/German/Spanish/ Dutch/Portugal/Italian etc

## 7 Frequent Ask Questions

### **What is the difference between optical zoom and digital zoom?**

**Optical zoom:** Optical zoom is very useful, while taking a picture of a landscape, or to get a closer view of a subject, without reducing the quality of the entire image, like taking a picture of a Rainbow in the sky.

**Digital zoom:** Using the digital zoom allows the user to get closer to the subject when the photographer wants to be discreet about taking pictures, like taking a picture of a person in a graduation ceremony.

### **Why the image is not clear?**

This is a toy camera, therefore the images cannot be as clear as photos taken by your phone. If the image is blurry, you can kindly check below settings:

1. Photo resolution: set to 12M (4000x3000);
2. Sharpness: set it to Sharp;
3. Image Quality: set it to Super Fine.
4. Please also pay attention to the shooting distance. Objects within 1.5-3m has the best image quality.

### **The battery compartment won't open. How does it work or is this one defective?**

You can refer to this video clip: <https://youtu.be/GQh87Oj-338>

### **Does it have sound on the playback of videos on the actual camera?**

The camera record sounds with the video. But it does not have sound when playback on the camera, since the speaker could impact the waterproof design of the camera.

If you playback on computer, you can hear the sound recorded.

### **How long of a video can it take?**

The camera can take continuous 720p HD videos for around 25min. It is recommended to use a set of rechargeable batteries.

### **How can i take clear images when using the flash light?**

We recommend to take a photo of an object which is 1.5m away from camera to get better image quality. The close object could result in over exposure and impact the image quality. You can refer to Attachment 2.

## Attachment 1(Scene & Image Setting Effects):

### Scene



Scene- Auto



Scene- Beach



Scene- High Sensitivity



Scene- Night Portrait



Scene- Night Scenery



Scene- Party



Scene- Portrait



Scene- Scenery



Scene- Sport



Scene- Underwater

**Different Exposure**



1. Exposure-3



2. Exposure-2



3. Exposure-1



Exposure-0



Exposure--1



Exposure--2



Exposure--3

## White Balance



1. White Balance - Auto



2. White Balance - Daylight



3. White Balance - Cloudy



4. White Balance - Incandescent



5. White Balance - Fluorescent

## Image Quality



1. Image Quality-Super Fine



Image Quality-Fine



Image Quality-Normal

名称	日期	类型	大小	标记
1. Image Quality-S...	2017-01-01 下午 12:02	JPG 文件	2,641 KB	
Image Quality-Fine	2017-01-01 下午 12:02	JPG 文件	1,877 KB	
Image Quality-Nor...	2017-01-01 下午 12:02	JPG 文件	1,738 KB	

**Size** ↓

## Sharpness



1. Sharpness-Sharp



Sharpness-Normal



Sharpness-Soft

# Effect



Effect-Aibao



Effect-B W



Effect-Binary



Effect-Blue



Effect-Cool



Effect-Dog Eye



Effect-Gothic



Effect-Green



Effect-IR



Effect-Japanese



Effect-LOMO



Effect-Negative



Effect-Normal



Effect-Over Expose



Effect-Red



Effect-Sepia



Effect-Sunset



Effect-Undertone



Effect-Vivid



Effect-Warm

## Saturation



1. Saturation-High

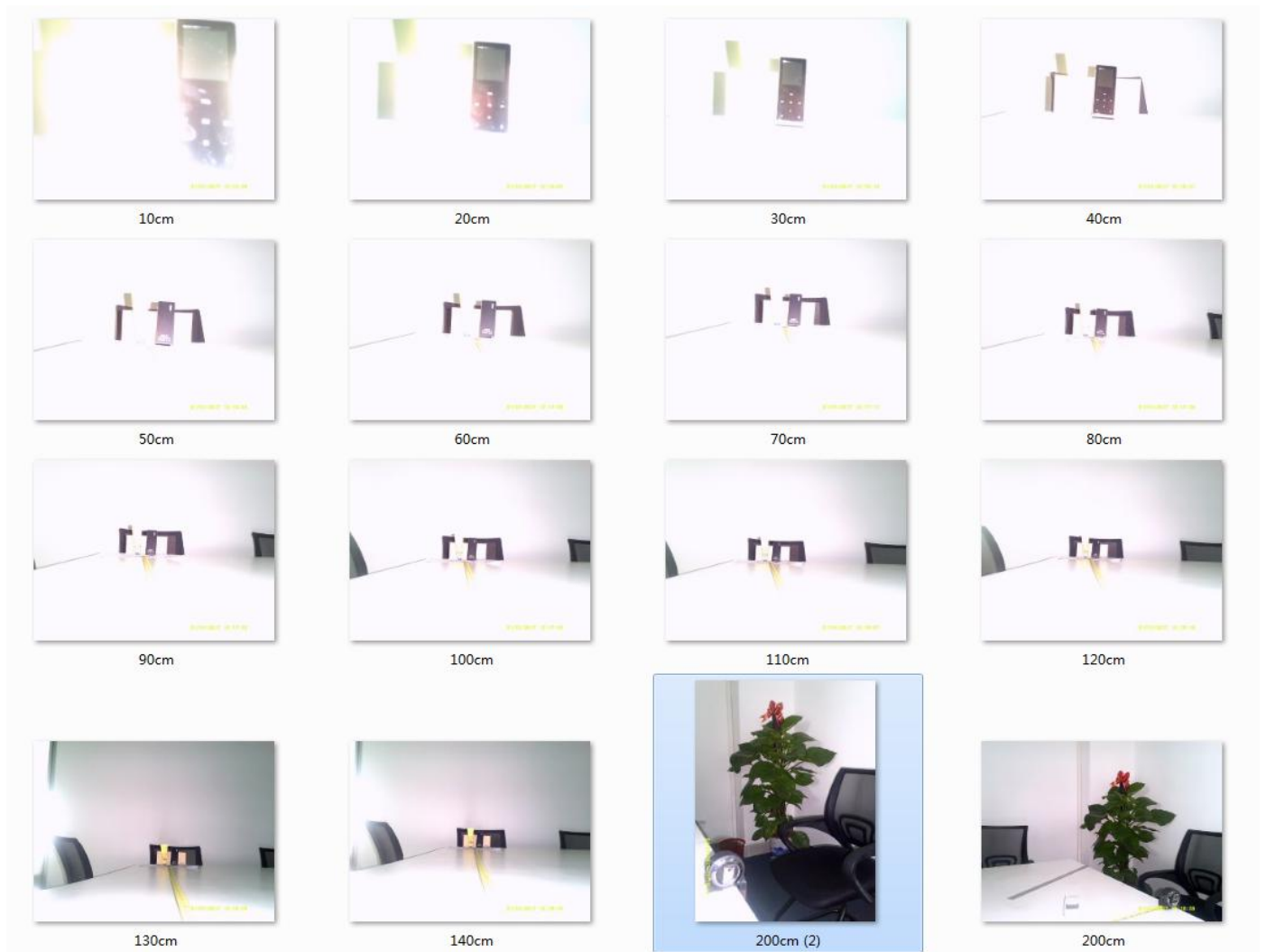


2. Saturation-normal



Saturation-low

## Attachment 2 (Flash light Test)



The file name means the distance between the camera and the object when the photo is taken.

We can concluded from above that it is recommended to use the flash light when the object is about 1.5m away from the camera lens to get better imaging quality.

**Attachment 3 (Comparison between Android phone and this kids camera)**

Photo taken by Android phone:



Photo taken by this kids camera:



## Attachment 4 (1x Image Quality VS 8x Image Quality)

Image quality with no zoom:



With 8x zoom (technical limits; we are still improving the image quality):

