

# i-loview 13 Full HD

## User Manual



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## User Manual



# Introduction



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**Please read this manual carefully to ensure safe and proper use of the product.**

## **! Important !**

Negligent use or misuse of the product may cause a fire, personal injury or serious damage.

- Do not use damaged power plug or unsuitable outlet to prevent electric shock or fire.
- Do not touch power plug with wet hands to prevent an electric shock.

## **! Important !**

Misuse of the product may result in personal injury or damage to the unit.

- Use only the adapter supplied with the product. Other adapters may damage the unit.
- Do not use this unit in moist environments like a bathroom or shower room.
- Do not place heavy objects on the unit.
- Do not attempt to disassemble, remodel, or repair the unit. It may damage the unit and will void the warranty.

**Please read this manual carefully to ensure safe and proper use of the product.**

**! Important !**

After approximately six(6) months of use, the lifespan of the battery may shorten.

**! Important !**

Keep the product out of direct sunlight and extreme temperatures.

- The display may not work properly.
- The recommended operating temperature is between 0 ~35 °C (32 ~95 °F )

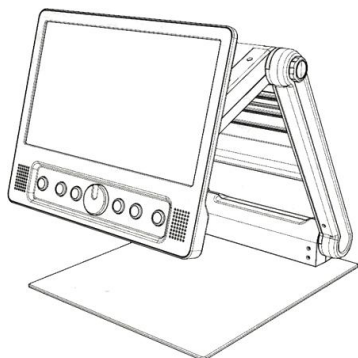
1. Package .....	
2. Instructions before use .....	
3. Configuration · .....	
4. Hot keys & Features .....	
5. Technical specifications .....	
6. Warranty .....	

# 1. Package

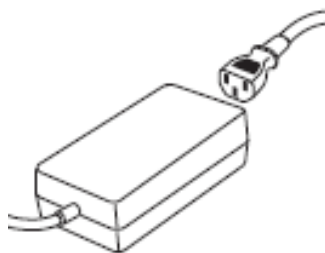
Thank you very much for choosing the **i-loview 13 Full HD (i-1388)**

Please check for the following items in the **i-loview 13 Full HD (i-1388)**

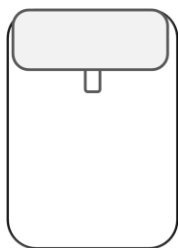
## Package :



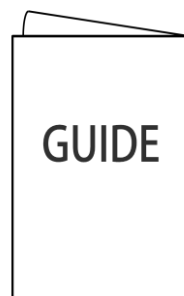
1) Portable magnifier



2) Power adapter



3) Carrying pouch



4) User manual

5) Microfiber cloth for cleaning the display



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## 2. Instructions before use

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- The battery must be fully charged prior to initial use.

Please connect the supplied power adapter to the DC input jack to charge the battery.

- Remove the LCD protection film before using the unit.
- Be careful not to allow foreign material to adhere to the camera lens.

If any foreign material is on the lens, wipe it off with the provided microfiber cloth.

# Opening the i-loview 13 FHD



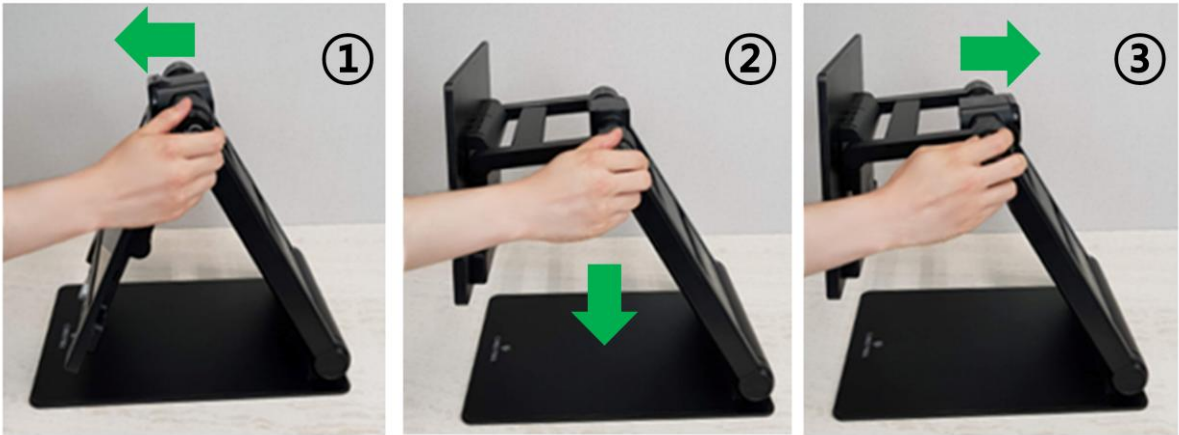
- ① Place the folded i-loview 13 on a stable surface such as table.
- ② Press one hand on the base plate, with the other hand hold the top of the main frame.
- ③ Lift the arm until it locks in place.
- ④ Put both hands on the left and right sides of the LCD monitor.
- ⑤ Pull the LCD monitor towards you.
- ⑥ Push the LCD monitor up using both hands and adjust to a suitable position.

# Closing the i-loview 13 FHD



- ① Put both hands on the left and right sides of the LCD monitor.
- ② Push down the LCD monitor using both hands.
- ③ Push the LCD monitor toward the main body frame.
- ④ Place both hands on top of the main frame.
- ⑤ Lower the top of the body frame until it is closed.

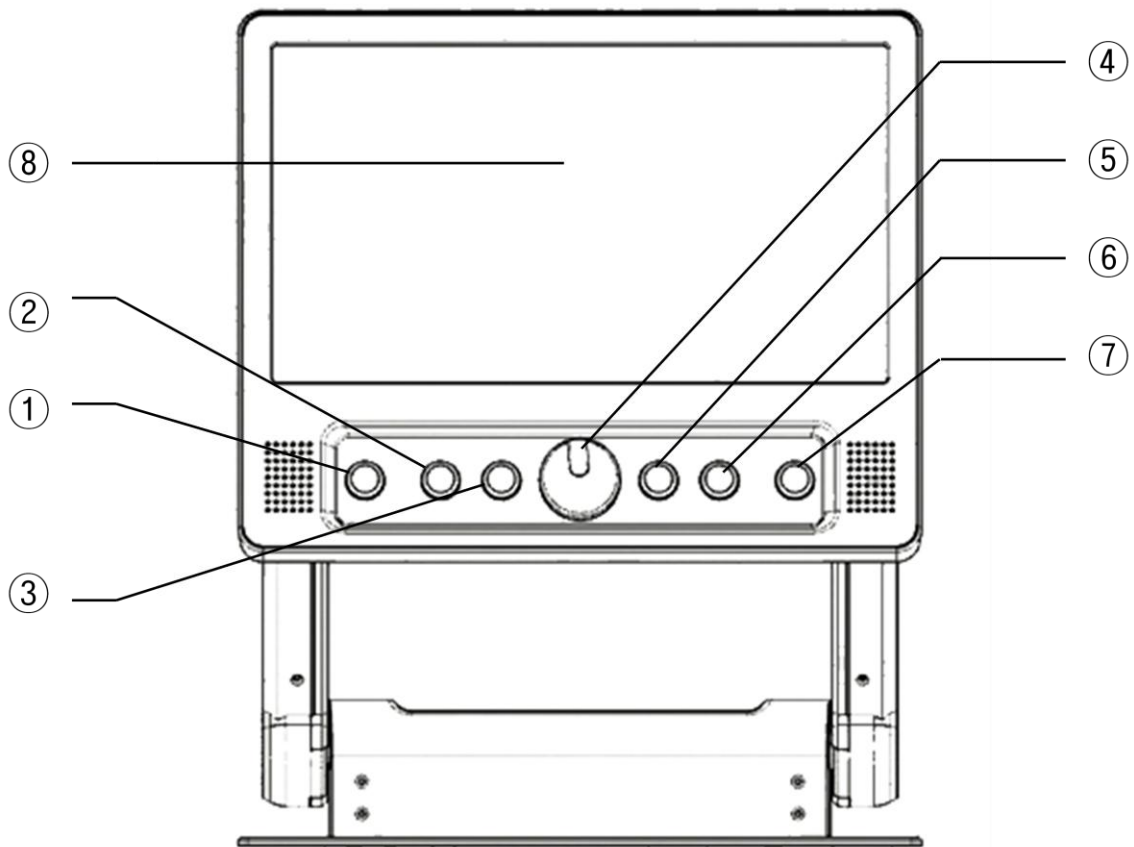
## Camera positions



You can use various modes by adjusting the Camera location adjuster.

- ① Self-viewing mode (mirror mode)
- ② Reading mode
- ③ Distance-viewing mode

#### Hardware Description



1) Power On/Off button

5) Color mode button

2) Image optimizer Wheel  
(Adjusting brightness)

6) Natural color button

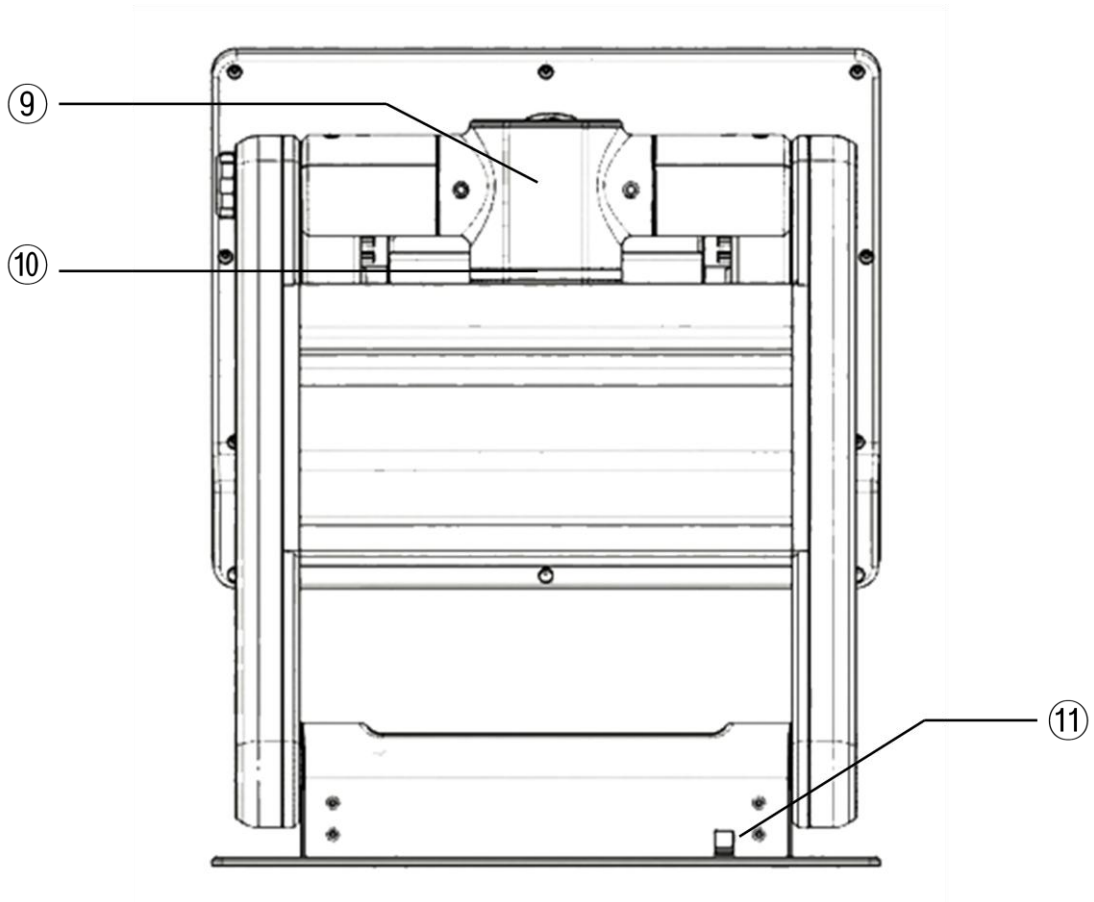
3) Snap shot button

7) Super Function Key  
(A Jog Key)

4) Zoom Wheel

8) LCD

### Hardware Description

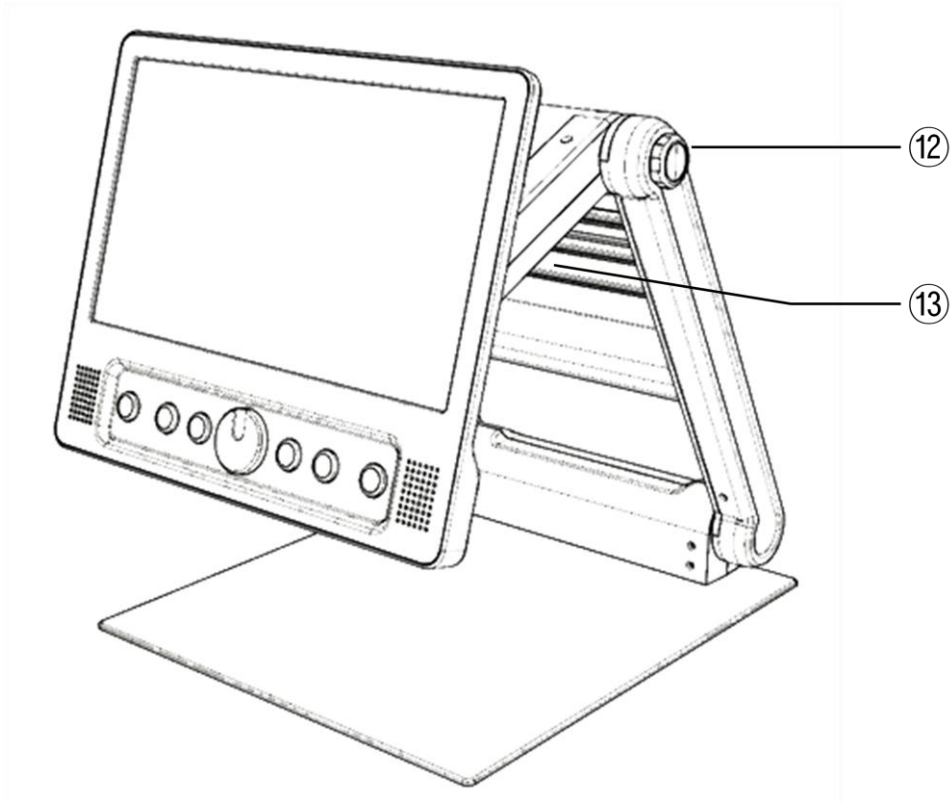


9) Camera

10) Conversion lens

11) DC jack

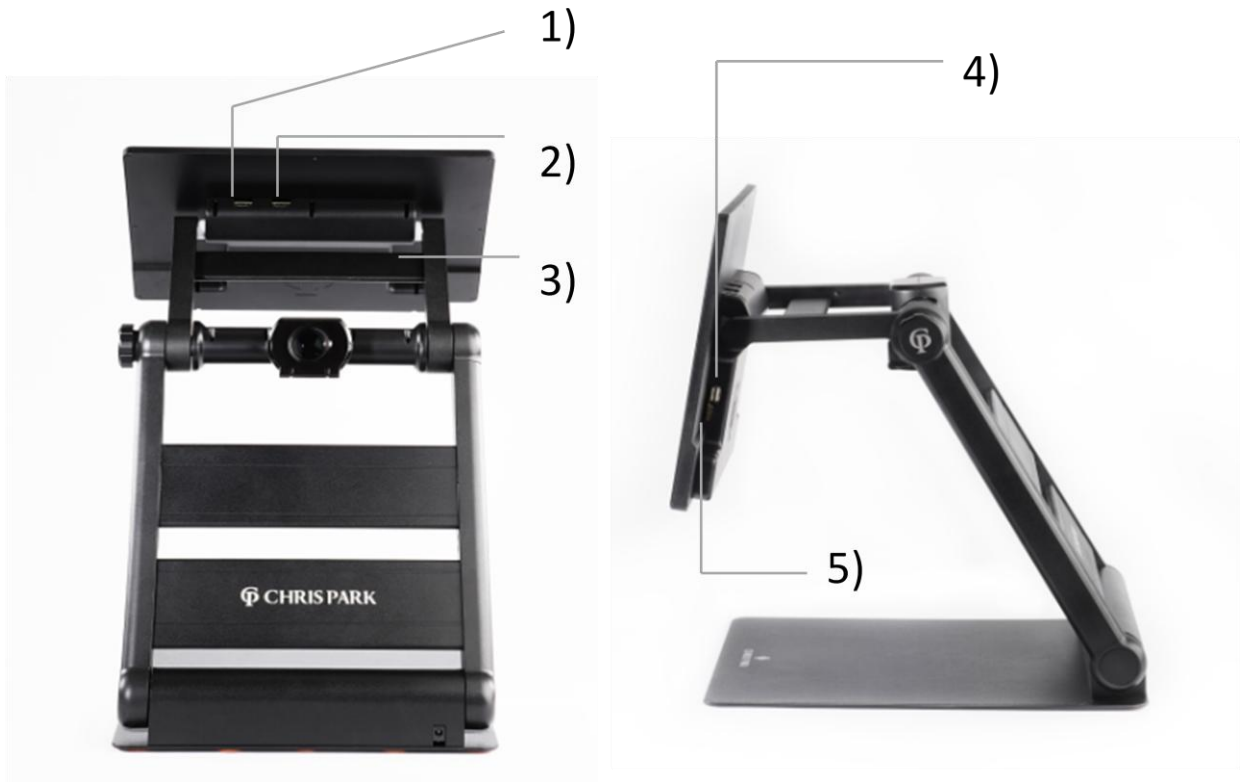
### Hardware Description



12) Camera location adjuster

13) LED lights

### External Connections



1) HDMI IN

2) HDMI OUT

3) External Key port

4) USB 2.0

5) USB Micro-B type (USB 3.0)



### 3. Configuration



#### ① Power On/Off button

- Power on : To turn on the unit, press the button for 2 seconds or more.
- Power off : To turn off the unit, press the button for 2 seconds or more.

#### ② Image optimizer wheel

Provides two functions dependent on the situation.

- Natural color mode : Adjust brightness level of the display. (5 steps)
- Color mode : Adjust the image quality optimizing settings.  
Press it to return to the default setting.

### 3. Configuration



#### ③ Snap shot button

Briefly press the button and the image on the screen will be frozen.

- You can then zoom in/out on the still image and adjust color and screen brightness.
- Press the button again to return to the live image mode.
- **Super Function Key(⑦)** scroll the freezed image.

#### ④ Zoom Wheel

To adjust the magnification, turn the knob.

- Magnification ratio :
  - Live image mode : x 1.8 ~ x 30
  - Snap shot mode : ~ x 150
  - Adjustable magnification : x 1.2 ~ x 250

### 3. Configuration



#### ⑤ Color mode button

The image on the screen can be viewed in eight(8) color modes

- Natural color mode
- White text on black background mode
- Black text on white background mode
- Yellow text on black background mode
- Black text on yellow background mode
- Green text on black background mode
- Blue text on yellow background mode
- Yellow text on blue background mode



**Up to 35 color modes can be set using the menu.**

#### ⑥ Natural color button

- View pictures or documents in natural color.
- Press and hold the **Natural color button(⑥)** to zoom out and display 'find box' on the screen to help you find the object under the camera.

#### ⑦ Super Function Key

Used for various operations on each mode.

- Scrolling the frozen image.
- Selecting the kind of line/mask.

## 3. Configuration

### ⑧ LCD screen

### ⑨ Camera

- Be careful not to allow foreign material to adhere to the camera lens. •

If any foreign material is on the lens, wipe it off with the provided microfiber cloth.

### ⑩ Conversion lens

Open the conversion lens for the distance view mode.

### ⑪ DC jack

You can insert the power adapter here to charge the battery.

### ⑫ Camera location adjuster

Adjust the direction of the camera by using the handle.

### ⑬ LED lights

## 4. Hot keys & Features

### ( 1 ) Line & Mask

Press and hold the **Super Function Key(⑦)** to activate Line & Mask.

When Line & Mask is active, the direction key and wheel of the **Super Function Key(⑦)** works as follows.

- Left & Right ◀ ▶ : Choose the function.

1 ) Horizontal line



2 ) Vertical line



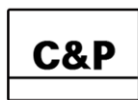
3 ) Horizontal mask




4 ) Vertical mask



- Up & Down ▲ ▼ : Increase or decrease the thickness of a line and the distance between masks.

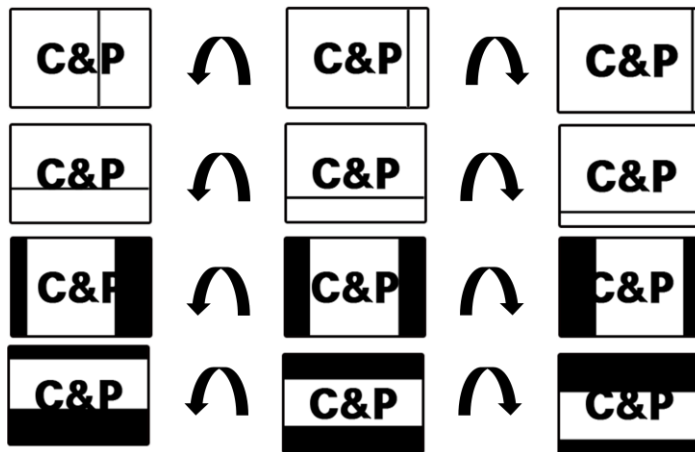


## 4. Hot keys & Features

- Wheel  : Move the position of the Line & Masks.

1) Counterclockwise

2) Clockwise



### ( 2 ) Battery status

- The status of the remaining battery power is not normally displayed.
- The battery charging icon when the power adapter is connected will be displayed.
- You can turn on or off the status of the remaining battery power by pressing **Snap shot button(③)** for 3 seconds or more.

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## 4. Hot keys & Features

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### ( 3 ) Power saving mode

- If you leave the unit turned on and unused for 10 minutes, it automatically

goes into Power saving mode. If the unit is left for a further 3 minutes after entering the Power saving mode, power is automatically switched off.

### ( 4 ) Color mode selection

By rotating the **Zoom wheel**(④) in the state pressing the **Color mode button** (⑤), you can change the color mode.

- **Color mode button**( ⑤ ) + **Zoom wheel**( ④, Right ) : Next color mode
- **Color mode button**( ⑤ ) + **Zoom wheel**( ④, Left ) : Previous color mode

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## 4. Hot keys & Features

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### ( 5 ) Self-view mode & Distance-view mode

You can change the mode by moving the camera with the **Camera location adjuster(13)**.

- Self-view mode (Mirror mode)

Use when the direction of the camera lens is facing the user.

- The camera operates in Self-view mode by the sensor.
- The magnification range will be minimized.
- Return to the natural color mode.

- Distance-view mode

Use when viewing a distant object, such as a blackboard.

- The camera operates in distance-view mode by the sensor.
- The magnification range will be minimized.
- Return to the natural color mode.
- Open the conversion lens when using the distance-view mode.

### ( 6 ) Magnification range & Color mode reset

Press and hold the **Natural color button(6)** to reset magnification range and color mode.

- The magnification range and color mode are reset.  
( Default Magnification range : x 1.8 ,Default Mode : Natural color)



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## 4. Hot keys & Features

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### ( 7 ) MENU

Press and hold the center of Zoom wheel(④) to enter the menu mode.

In Menu mode, you can change the settings of the following functions.

- Color mode : Add / Delete in default color modes ( MAX 35 modes )
  - ➔ You can personalize your own color setting.
- Power saving mode
  - You can set a time to operate into the power saving mode.
  - Default setting time : 10 minutes
- Adjusting magnification range
  - You can set the magnification range.
  - Default magnification range : x 1.8 ~ x 30
- Adjusting LED brightness
  - You can adjust the LED brightness of the product.
- Reset
  - You can initialize all changed settings.

## 5. Technical specifications

### Technical specifications

LCD Screen Size	13.3inch ( 338mm ), 16 : 9 wide screen
LCD Resolution	1920 x 1080 ( Full HD )
LCD Rotation angle	180 degree
Camera Specifications	1920 x 1080, 60 fps Auto Focus
Dimensions	app. 320mm x 373mm x 420mm ( in operation ) app. 320mm x 373mm x 61mm ( folded )
Light weight	3.54 kg
Color mode	Default 8 ( Extended 35)
Magnification range	x 1.8 ~ x 150 (Max)
Camera mode	Reading mode, Self-view mode, Distance-view mode
Battery	16.8V, 5200mAh (370g)
Power consumption	14~20W (in operation)
Battery lifetime	5 hours (Max)
Connectivity	USB (optional) HDMI Output / Input (optional)

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## 5. Technical specifications

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**This unit is an EMC-registered device.**



This device bears the CE and FCC , KC approval mark

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## 6. Warranty

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- 1 ) The warranty term is for two(2) years,  
except for the battery which is warranted for twelve(12) months.
- 2 ) The warranty doesn't cover in below case ;
  - > Any problem due to accident , misuse or neglect.
  - > Any problem due to improper maintenance, installation, adjustment, operation, alterations or modifications.
  - > Any problem due to spills of liquid or food.
  - > Any problem due to operation of the i-loview 13 FHD with tools or equipment not supplied by C&P.
  - > All metal and plastic surfaces and all other externally exposed parts that could be scratched or damaged in normal use.
- 3) You must provide proof of purchase including the date of purchase to receive warranty service.
- 4) Anyone using an i-loview video magnifier does so knowingly assuming certain risks, due to the need to utilize vision enhancement devices.
- 5) If you have any further questions please contact C&P for detailed information.









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