eMag 70 HD

Instructions for use
for the electronic magnifier

EN

SCHWEIZER

eMag 70 HD Handheld video magnifier

Instructions for use

Congratulations on purchasing the eMag 70 HD. This video magnifier enables you to magnify texts and objects from 2 to 24 times the original size. The eMag 70 HD features a 7” (18 cm) LCD widescreen (16:9). We hope you enjoy using this high-quality device. The information and data contained in this document are subject to change without notice. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, or for any purpose, without the express written approval of A. SCHWEIZER GmbH.

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Service and support

If you require technical support with your eMag 70 HD, please contact the dealer who sold you the visual aid. It is recommended you first refer to “Troubleshooting” (on page 32).

Note: The eMag 70 HD contains no user serviceable components. Any unauthorised attempt to service or replace internal components will render the warranty null and void.

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eMag 70 HD – overview

Intended use
This electrical device serves to electronically enlarge objects or for reading printed materials in everyday use.

Clinical Use
This electrical device contributes significantly to daily tasks, facilitates independence, increases productivity and improves self-esteem.

Intended Users
This device is for people with visual impairments or for others who would like to view text, pictures or objects enlarged.

Intended Usage Environment
This device is intended for use at home, at the office and out and about. It is for enlarging and improving pictures and texts for users.

Performance Characteristics

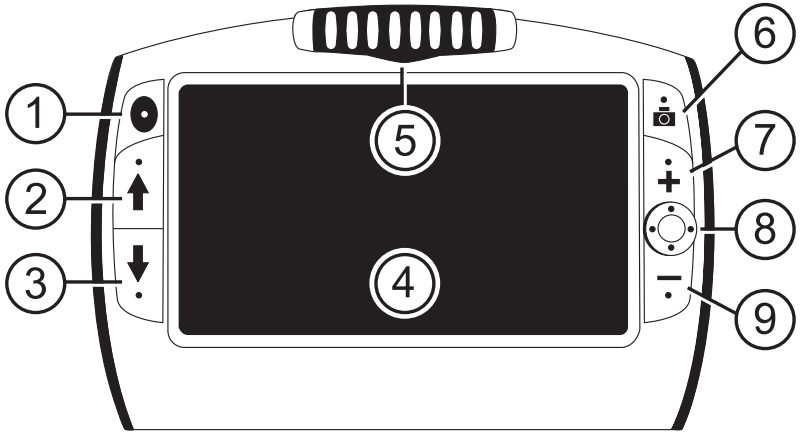
Make sure the batteries are fully charged before using the eMag 70 HD for the first time.
It takes about 3 hours to fully charge the batteries.

The eMag 70 HD is a portable video magnifier that can magnify an object from **2 to 24 times its original size**. The integrated 5 MP auto-focus camera provides sharp **HD quality** images that are easily viewed on its full-colour, **7" LCD screen.** The eMag 70 HD supports 5 default colour modes and 15 additional **contrast colour modes** that can be easily activated.

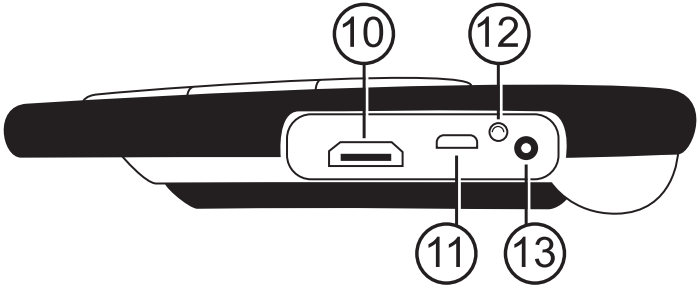
Other features include:

- Pivotable camera – a 5 MP auto-focus camera that can be rotated for different applications and viewing distances.
- 4-way button to easily scroll horizontally or vertically across a still or saved magnified image.
- The device can be used to view objects up to approx. 4 metres away.
- Large and easy-to-use buttons.
- HDMI port allows connection to TV or monitor.
- Save and store up to 105 images that can be easily copied to a computer through a USB connection.
- Micro-USB port to transfer images between device and computer.
- Multiple LED lights.
- Reading line and masks to quickly locate and maintain your place while viewing an image or reading text on the LCD screen.

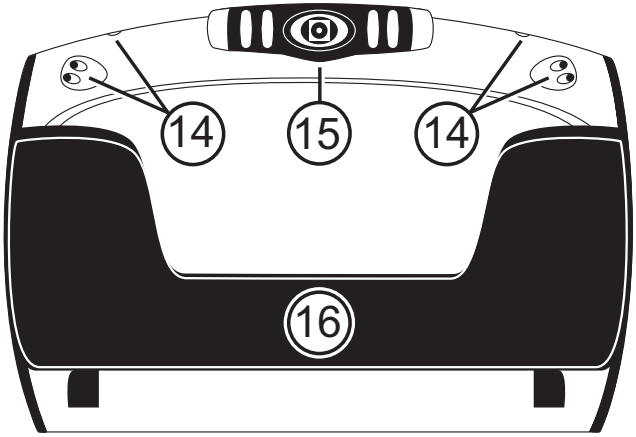
eMag 70 HD Components



1 Power on / off (green / yellow)
2 Colour mode scroll up (blue)
3 Colour mode scroll down (blue)
4 LCD screen
5 Pivotable camera
6 Capture image (red)
7 Increase magnification (yellow)
8 4-way button (black)
9 Decrease magnification (yellow)



10 HDMI port
11 USB port
12 Battery status LED
13 Power adapter port



14 LED lights
15 Pivotable camera
16 Reading stand

In the box

- eMag 70 HD with pivotable camera
- Power adapter
- Micro-USB cable for file transfer
- HDMI cable for TV connection
- Intructions for use
- Carrying case

Quick start

This section explains how to quickly set up and use the eMag 70 HD for the first time.

1. Make sure the **device is fully charged** (Refer to page 11).
2. **Switch on the eMag 70 HD** by pressing the yellow-green button or opening the reading stand.
3. Select one of the following options:
   - Hold the device like a tray with both hands to view objects both near and far. This is useful for magnifying and reading labels or small print on tins, packaging, medication, etc. You can also use this position for self-viewing.
   - Open the **reading stand** and place the eMag 70 HD on a flat document such as a newspaper, magazine, invoice, receipt, letter or similar (Refer to page 14).
4. Adjust the **level of magnification** with the yellow buttons (+ or −) (Refer to page 16).
5. Select a **colour mode** (↑ or ↓) for **contrasting colours** that best suit your viewing needs (Refer to pages 18/19).
6. **Capture the image** on the LCD screen to give yourself more time to perceive the details in the image (Refer to page 17).
7. **Scroll** horizontally or vertically to see more of the magnified image (Refer to page 17).
8. **Save the image** or return to **live view** (Refer to page 25).

Note: When you close the reading stand, the device automatically powers off. Press the green/yellow button to power the device on again.

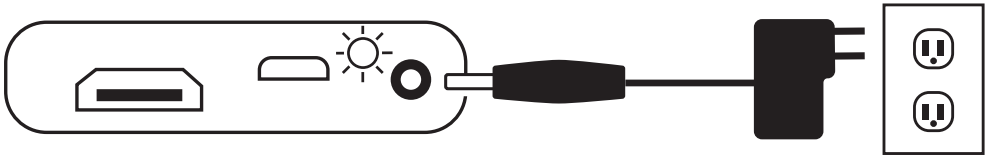
As soon as you feel comfortable with the basic functions of the eMag 70 HD, try out the following **advanced functions**:

- Turn the **LED reading lights on or off** to avoid glare and reflections when looking at photos or glossy magazines (Refer to page 21).
- Use the **reading line or reading mask** to help you maintain your place in the text you are reading. (Refer to pages 22/23).
- You can **save and view images** and **delete images** stored on the eMag 70 HD (Refer to page 25).
- For additional memory space, **copy the images from the eMag 70 HD to your computer** (Refer to page 27).

Charging the eMag 70 HD

Note: You must use the supplied power adapter to charge the eMag 70 HD. (It cannot be charged via the USB port on a computer).

1. Plug one end of the power adapter into the eMag 70 HD and the other end into a wall outlet.



2. The battery status LED flashes green to show that the battery is charging.
3. As soon as the battery is fully charged, the LED stops flashing and remains green. Unplug the eMag 70 HD power adapter. The battery status LED turns off.
4. You can now use the eMag 70 HD continuously for approx. 4 hours. When the battery is running low, the battery status LED flashes red. Connect the power adapter and plug it in to recharge the battery.

Note: The eMag 70 HD switches to power save mode after 30 minutes (screen switches off) if no button is pressed during this time. Press the green/yellow power button ● to reactivate the eMag 70 HD.

Battery status LED

Green solid:	Batteries are charged, power adapter connected.
Green flashing:	Batteries are charging, power adapter connected.
Red flashing:	Low battery status.
Red solid:	Error: disconnect power adapter, wait a few seconds and reconnect it.

Description of buttons

On / Off (green / yellow): Press once to switch on, press again to switch off.

Magnification (yellow): Press and HOLD for continuous zoom magnification with live view. When viewing captured images, press and release to incrementally increase or decrease magnification.

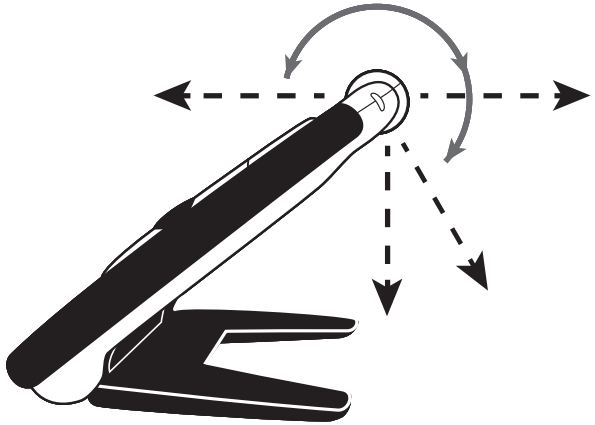
Colour mode (blue): Press to scroll through the default colour modes and 15 additional colour combinations. For a complete overview go to pages 20 / 21.

Capture image (red): Press to capture the current image. Press the button again to turn off the “Capture image“ mode and to return to live view.

4-way button (black): Scroll vertically or horizontally across a magnified captured or saved image.

Camera positions

The camera can be continuously rotated to be used in different positions and at different distances.

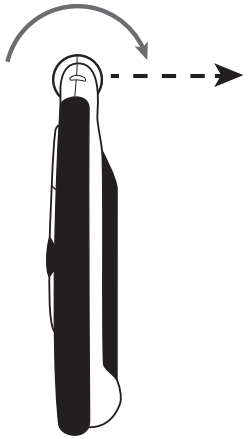


Camera positions with reading stand

The eMag 70 HD has an integrated reading stand.
When you open the reading stand...

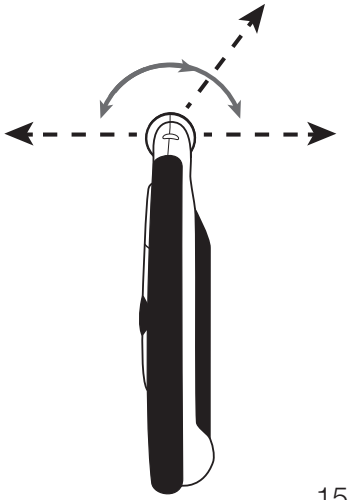
- ... the device automatically powers on.
- ... the camera rotates and points down to the reading material.
- ... you can place the eMag 70 HD directly on a document and read printed text or images in magazines, catalogues, menus, photographs or other printed materials.

Camera positions without reading stand extended – basic position



When the reading stand is closed…
- ... the camera automatically rotates to the basic position.
- ... you can hold the eMag 70 HD close to an object or point it at objects that are out of reach.
- … press the magnification buttons to zoom in or out and capture the image displayed on the screen.
- … if you like, you can then zoom in further and scroll across the image displayed on the screen. This is ideal for viewing clothing labels, receipts, price tags, business cards, and more.

Camera positions without reading stand extended – with pivoted camera



The camera can be continuously rotated to be used in different positions and at different distances.

Self-view position

When in self-view position, the camera is rotated to face you. You can now see yourself on the device's screen or on a TV screen or monitor connected to it. You can use the self-view position with the reading stand extended so that the device stands on a flat surface, or you can hold it with the reading stand closed.

Functions

Magnifying live images

When viewing live images, you can use the continuous zoom function to magnify live images from 2x to 24x the original size.

- Press and HOLD the yellow PLUS button ✚ to zoom in.
- Press and HOLD the yellow MINUS button ━ to zoom out.

Magnifying captured and saved images

When viewing captured or saved images, you can increase magnification in two incremental steps.

- Press the yellow PLUS button ✚ to increase magnification.
- Press the yellow MINUS button ━ to decrease magnification.

For steps to capture an image, see **Capturing an image** on page 17.
To access saved images, go to **Saving and deleting an image** on page 25.

Capturing an image

Capturing an image on the LCD screen can be useful for reading labels on objects or supermarket shelves. By holding the eMag 70 HD close to an object and capturing the image, you can then hold the eMag 70 HD closer to you to read the information.

1. Press the red button to capture an image.
   If desired, press the yellow PLUS button + to magnify the image or the yellow MINUS button − to reduce the size of the image.
2. Press the red button again to exit the image capturing mode and return to the live view.

Scrolling through captured images

The 4-way button allows you to scroll horizontally or vertically across the screen through captured or saved images.

1. Capture an image or open a saved image.
2. Press the yellow PLUS button + to increase magnification.
3. The 4-way button can be used in different ways:
   - Press and HOLD up or down to scroll vertically across the screen.
   - Press and HOLD right or left to scroll horizontally across the screen.
   - Double-click up or down to jump to the topmost or bottommost edge of the image.
   - Double-click right or left to jump to the rightmost or leftmost edge of the image.
4. Press the red button to return to the live view.

Changing colour modes

Colour modes are preset colour combinations (for example, yellow text on a blue background) that you can individually select when using the eMag 70 HD.

The eMag 70 HD offers 5 default colour modes and 15 additional colour combinations. For a complete list, refer to **Colour modes** pages 20/21.

Press the blue arrow buttons (↑ or ↓) to change the current colour combination on the LCD screen. The blue UP button ↑ scrolls in one direction through the colour combination list, while the blue DOWN button ↓ scrolls in the other direction.

Changing between the last colour mode used and true full colour

The eMag 70 HD allows you to switch quickly and comfortably between the last colour mode used and full colour – or vice versa. This shortcut is handy when viewing a live image (for example, when holding and reading a document) and using a colour mode that provides the best contrast for you. If you need to move the eMag 70 HD to different part of the document, it may be easier for you to switch to full colour mode, move to the new position in the document, and then return to the selected colour mode to continue reading.
To do this, proceed as follows:

- Press and HOLD the green/yellow button ⊙ and press the blue DOWN arrow ↓.
  The screen switches from one mode to the other.
- To switch back, repeat the same button sequence.

Adding/removing colour modes

The eMag 70 HD has 5 default colour modes. You can also activate and choose from a variety of 15 other colour modes. As soon as a colour mode is available, you can easily scroll to it using the blue arrow buttons (↑ or ↓).
To add or remove other colour modes:

1. Press and HOLD the green/yellow button ● and then press the blue UP arrow ↑ to access the colour mode selection menu.
   The tick in the checkbox ☑ indicates that the current colour mode is activated.
2. To delete the current colour mode, press the blue DOWN arrow ↓ while STILL holding the green/yellow button ●. This button sequence clears the checkbox ☐.
3. To select the next colour mode, press the blue UP button ↑ while continuing to hold the green/yellow button ● pressed.
   - If the checkbox is selected ☑, the colour mode is activated.
   - If the checkbox is empty ☐, the colour mode is inactive.
4. To activate or deactivate a colour mode, press the blue DOWN arrow ↓ while holding the green/yellow button ● to select or clear the checkbox ☑ .
5. Repeat steps 3 and 4 to add or remove further colour modes.
6. When you have finished loading colour modes, release all buttons. Any colour mode changes made will be saved, and the device will return to normal operating mode.

Restoring default colour modes

If you have added or removed optional colour modes, you can always reset the eMag 70 HD to its 5 default colour modes:

Press and HOLD the green/yellow button and the blue UP button simultaneously for 15 seconds.

Colour modes

There are 5 default colour modes and 15 optional colour modes that you can activate yourself.

Default colour modes

1. True full colour (always available, cannot be deactivated)
2. Black on white
3. White on black
4. Yellow on blue
5. Yellow on black

Optional colour modes

- Black on yellow
- Green on black
- Black on green
- White on blue
- Black on blue
- Blue on black
- Blue on yellow
- Red on black
- Black on red
- Magenta on black
- Black on magenta
- Violet on black
- Black on violet
- Red on white
- Black on light blue

Switching off LED lights

When you power on the eMag 70 HD, the LED lights also switch on. To avoid glare when looking at reflective surfaces, you can switch off the LED lights:

1. Press and HOLD the green/yellow button and then press the red button .
   The LED lights turn off.
2. To switch the LED lights on again, press and HOLD the green/yellow button and then press the red button .

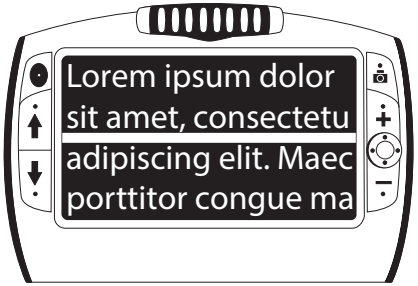
Using reading line or reading mask

The reading line is a horizontal line that appears on the screen. The reading mask blocks part of the screen so that only a horizontal section of the screen remains visible. Use these features to help you locate and maintain your place while viewing an image.

> Note: When using the button sequence described below, the eMag 70 HD shows first the reading line, then the reading mask and then neither the reading line nor the mask.

Displaying the reading line

1. Press and HOLD the green/yellow button ● and then press both yellow buttons (+ and −). The reading line appears on the screen.



2. Press and HOLD the green/yellow button ● and then press the yellow PLUS button + or the yellow MINUS button − to move the reading line up or down.

Displaying the reading mask

1. Press and HOLD the green/yellow button ● and then press both yellow buttons (+ and −) again to remove the reading line and display the reading mask on the screen as shown below:

2. Press and HOLD the green/yellow button ● and then press the yellow PLUS button + or the yellow MINUS button − to increase or decrease the size of the window between the bars on the screen.

3. To remove the reading mask from the screen, press and HOLD the green/yellow button ● and then press both yellow buttons (+ and −).

Storage mode functions

Storage mode

The storage mode allows you to store up to 105 images (approx. 115 MB). When you first store an image, it is saved with the currently displayed magnification and colour settings. When **viewing a saved image**, you can change the **magnification level** (Refer to page 16).

Storage mode icons

Save: Press the 2 yellow buttons (+ and −) simultaneously to activate the checkbox. The image will be saved when you exit Storage mode.

Delete: Press the 2 yellow buttons (+ and −) simultaneously to clear the checkbox ☐. The image will be deleted when you exit Storage mode.

Memory full: Indicates that the maximum number of images has been stored on the eMag 70 HD. You will need to select one or more images for deletion ☐ before you can save the current image.

Saving and deleting an image

After capturing an image on the screen, follow the steps below to **save** it:

1. Press and HOLD the red button for 3 seconds to enter Storage mode.
2. The “Save” checkbox ☑ is automatically selected on the screen. This indicates that the image will be saved after exiting the Storage mode and returning to live view.

Deleting an image in Storage mode

1. Press and HOLD the two yellow buttons (+ and −) to clear the checkbox ☐. The image will be deleted when you exit Storage mode.
2. Press and HOLD the red button for 3 seconds to exit Storage mode and return to live view.

Viewing saved images

You can easily scroll through your saved images using the blue arrow buttons (↑ and ↓):

1. Press and HOLD the red button for 3 seconds to enter Storage mode.
   - To scroll forward through the saved images, press the blue UP button ↑.
   - To scroll backward through the saved images, press the blue DOWN button ↓.

Note: To scroll quickly through the images, press and HOLD one of the blue arrow buttons (↑ and ↓). Release the button to stop scrolling.

2. Press and HOLD the red button for 3 seconds to exit this view and return to the live view.

Saving and deleting an image when memory is full

The eMag 70 HD can store up to 105 images. If you try to save a further image, the Memory full icon ⊘ appears on the screen. To save a further image, you first need to delete one or more saved images from memory.

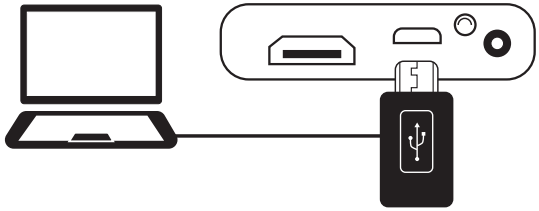
1. Press the blue UP arrow ↑ or blue DOWN arrow ↓ until you reach an image you wish to delete.
2. Press both yellow buttons (+ and −) to clear the checkbox ☐.
3. Press and HOLD the red button 📷 for 3 seconds to exit Storage mode. The new image is saved and all deactivated images are deleted.

Note: To free space on the eMag 70 HD, you can also copy images to a computer.
See also **Transferring images to a computer via USB cable** on page 27.

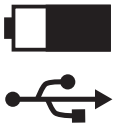
Transferring images to a computer via USB cable

Images stored on the eMag 70 HD can be transferred to a computer using the supplied USB cable.

1. Connect the USB cable supplied to the eMag 70 HD and the computer.



2. When connected,
   - the USB and battery icon briefly appear on the LCD screen.



   - the battery icon indicates the current battery status. The eMag 70 HD does not charge and no image appears on the screen while it is connected to the computer via USB.
   - the eMag 70 HD appears as an external device in Windows Explorer or Finder (Mac).

3. Open the eMag 70 HD DCIM folder, and select and move one or more images to a folder on your computer. The images are named sequentially, for example, IMG_0001.bmp, IMG_0002.bmp, etc.

4. Once you have finished transferring the files, make sure you disconnect the eMag 70 HD correctly from the computer.

Note: To safely disconnect the eMag 70 HD and protect your data, follow the prompts from the operating system for removing external USB devices.

Transferring images to the eMag 70 HD via USB cable

Any image transferred from the eMag 70 HD to your computer can be easily transferred back to the eMag 70 HD.

Note: Only images saved by the eMag 70 HD can be copied back to the eMag 70 HD.

1. Make sure the eMag 70 HD is connected to your computer using the supplied USB cable.
2. Locate the images on your computer using Windows Explorer or Finder (Mac).
3. Select the image and drag it to the “eMag 70 HD DCIM” folder.
4. Once you have finished transferring the files, make sure you disconnect the eMag 70 HD correctly from the computer.

Note: To safely disconnect the eMag 70 HD and protect your data, follow the prompts from the operating system for removing external USB devices.

5. Press the green/yellow button ● to restart the eMag 70 HD.

Displaying a slideshow

You can create a looped slideshow displaying the images saved on the eMag 70 HD. Each image will be displayed for about 5 seconds. The order of the displayed images is based on their file names, for example, IMG_0001.bmp, IMG_0002.bmp, etc.

To rearrange the playback order, you can transfer the images to your computer, rename the images in your preferred order, and then transfer them back to the eMag 70 HD. (The file names should not exceed 8 characters followed by the BMP file extension).
For more information on moving files from the eMag 70 HD to your computer, refer to **Transferring images** on page 27.

Note: When in slideshow mode, the eMag 70 HD does not automatically power off after 30 minutes.

To start the slideshow, proceed as follows:

1. Press and HOLD the red button for 3 seconds to enter the Review mode.

2. Press and HOLD the green/yellow button and then press the blue UP arrow .
   The first image stored (based on the file name) appears for about 5 seconds on the LCD screen, followed by the second image, the third, and so on.

3. Press and HOLD the red button for about 3 seconds to exit the Slideshow mode and return to live view.

Connecting the eMag 70 HD to a TV or monitor

To view images on a larger screen, the device can be connected to an HDTV or monitor.

TV connection

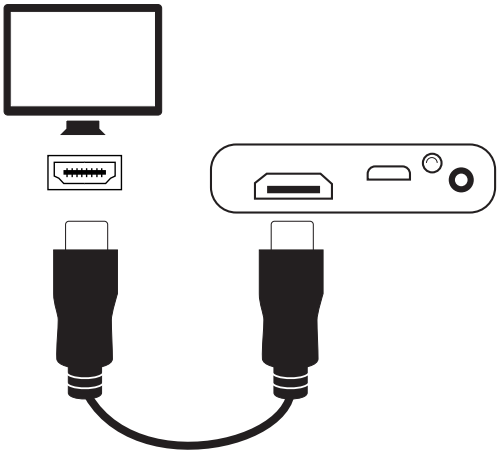
When connecting the device to an HDTV, use the supplied HDMI cable. In addition, you must select the correct input source in your HDTV's setup menu.

1. Connect the supplied HDMI cable to the eMag 70 HD and your HDTV.

2. Switch the TV on.

3. Change the input source in the setup menu of your TV.

For more information, refer to the operating instructions of your HDTV.



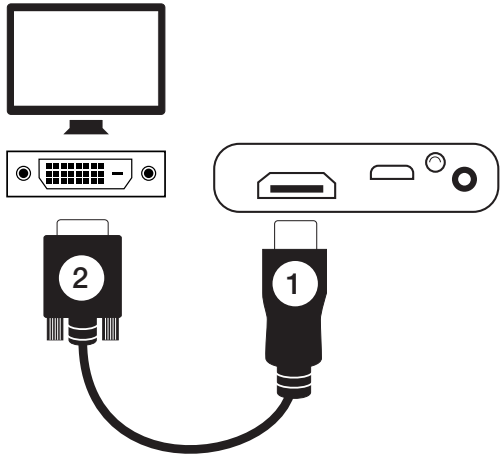
Monitor connection

When connecting the eMag 70 HD to a monitor, you must use an HDMI-DVI cable. This cable is not supplied with the device.

1. Plug the cable's HDMI connector into the HDMI port on the side of the eMag 70 HD.

2. Plug the cable's DVI connector into the DVI port on your monitor.

3. Switch the monitor on.



Troubleshooting

Problem	Solution
The device does not power on.	Press the green/yellow button. If the eMag 70 HD does not power on, charge the battery. Note: The battery does not charge while the eMag 70 HD is connected to the USB port.
The screen is blank.	▪ If the eMag 70 HD is sitting on a flat surface (table or document), the screen is blank (black). Lift the device off the surface, or open the reading stand. ▪ When the eMag 70 HD is connected to a computer via USB, the screen is blank. ▪ Switch the eMag 70 HD off and then on again. ▪ Check that the object to be magnified is positioned correctly under the camera window. ▪ Press the yellow buttons (+ and −) to run through the magnification levels. ▪ Press the blue arrow buttons (↑ and ↓) to view the various colour modes. ▪ When the reading stand is closed, the device automatically powers off.
The battery status LED is flashing red.	Charge the battery.
The battery status LED is solid red although the power adapter is connected to the eMag 70 HD.	▪ A battery error has occurred. Unplug the power adapter from the eMag 70 HD and plug it in again. ▪ If the problem continues, disconnect the power adapter and call your eMag 70 HD dealer.

Problem	Solution
The battery status LED does not flash green, although the power adapter is connected and plugged into a wall socket.	▪ Ensure that the barrel end of the power adapter is firmly plugged into the device's power port. ▪ Check whether the power outlet is functioning properly. If the outlet is connected to a wall switch, make sure the switch is set to ON.
The battery is not charging.	▪ Use the supplied power adapter to charge the eMag 70 HD. Connecting the device to a USB port will not provide sufficient power to charge the battery. ▪ Make sure the barrel end of the power adapter is firmly plugged into the device's power port. ▪ Check whether the power outlet is functioning properly. If the outlet is connected to a wall switch, make sure the switch is set to ON.
The screen is dirty or smudged.	Clean the LCD screen as described on page 37.
The text is too small or large to read.	Press the yellow buttons (+ and −) to increase or decrease magnification. For live images, press and HOLD the yellow buttons (+ and −) for continuous zoom magnification. For captured or saved images, press the yellow buttons (+ and −) to zoom in or out one step at a time.
LED lights produce glare on reflective surfaces.	Press and HOLD the green/yellow button ● and then press the red button 📷 to turn off the LED lights.

Problem	Solution
The edges of the image are distorted on the screen.	▪ When in the reading position, make sure the camera is pointing directly at the reading material. ▪ Make sure the reading stand is flat against the reading material.
The camera does not auto focus after you have changed position.	Hold your hand in front of the camera for about 3 seconds and then take it away.
The eMag 70 HD powers off after 30 minutes.	This is expected behaviour. The eMag 70 HD powers off automatically if no buttons are pressed for 30 minutes. This extends battery life.
The device powers off when you close the reading stand.	This is expected behaviour. To continue using the eMag 70 HD, press the green/yellow button ●.

Technical data

LCD screen:	7 inches (18 cm) widescreen; tilts approx. 40° with built-in reading stand open
Dimensions:	211 mm (width) x 147 mm (depth) x 25 mm (height)
Weight:	510 g
Colour modes:	5 default colour modes (true full colour, white on black, black on white, yellow on blue, yellow on black) and 15 additional colour modes
Magnification:	2x to 24x, continuous zoom
Maximum number of saved images:	Up to 105 bitmap (BMP) images; approx. 115 MB total disk space
Camera:	5 MP HD auto-focus camera module; continuously rotatable
Image resolution:	800 x 480 pixels
Colour:	24-bit
Battery:	Lithium-ion battery, approx. 4 hours continuous operation, approx. 3 hours charge time

Note: Only use the supplied power adapter to charge the eMag 70 HD battery.

Manufacturer
Vispero
Pesetastraat 5a
2991 XT Barendrecht
Nederland

Class 1 LED Product

CE RoHS

Safety and maintenance

To keep the device in good condition and to ensure safe usage, observe the following guidelines:

- Do not stare into the LEDs when the device is powered on as this may harm your eyes.
- Do not attempt to repair the eMag 70 HD yourself or to open the housing. This product contains no user serviceable parts. Any unauthorised attempt to service or replace internal components will render the warranty null and void.
- Do not remove the battery. It is not user serviceable.
- Keep the eMag 70 HD away from wet areas, rain and other sources of moisture. Do not submerge the eMag 70 HD.
- Always operate the eMag 70 HD at an ambient temperature between 10 °C and 35 °C.
- Never store the eMag 70 HD in places subject to temperature extremes such as a parked car.
- Do not force any connector into the power port of the eMag 70 HD. The power connector fits easily into the port.

Cleaning the eMag 70 HD housing

Make sure the eMag 70 HD is unplugged. Use a slightly dampened, soft, clean cloth with water or mild detergent. Do not use alcohol, solvents, abrasives or aerosol sprays.

Cleaning the LCD screen

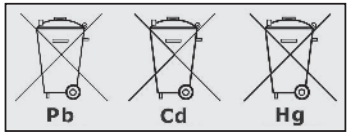
- Power off and unplug the eMag 70 HD before cleaning the LCD screen.
- Always use a clean microfibre cloth.
- Very gently wipe the cloth across the screen. Do not exert pressure on the cloth or the LCD screen.
- If you use a liquid detergent, it must be suitable for use on LCD screens. You can also use distilled water, isopropyl alcohol or vinegar mixed with water at a concentration of no more than 10 percent vinegar. Please note that tap or mineral water may cause spotting on the screen. Do not leave any liquid on the screen. Repeat this procedure for any marks that are hard to remove.
- NEVER spray detergent directly on the LCD screen.
- NEVER use a cleanser that contains acetone, ethyl alcohol, ethyl acid, ammonia or methyl chloride.
- NEVER use paper towels to clean the LCD screen.

Battery safety instructions

We place our batteries on the market in line with legal requirements. Please read the points below for the safe removal and disposal of our batteries:

- Our product contains a rechargeable battery.
- To prevent harmful effects to the environment and health, used batteries must be disposed of properly at recycling centres or returned to the point of sale. Returning batteries is required by law and free of charge for you.
- Batteries should only be returned in a fully discharged state. The poles of lithium-ion batteries must be insulated with adhesive tape.
- Valuable raw materials such as zinc, iron, nickel and so on can be recovered by recycling used batteries.
- The “crossed out wheeled bin” symbol indicates that disposal of used batteries along with normal refuse is illegal.

The additional specification of the chemical symbols for lead (Pb), cadmium (Cd) and mercury (Hg) indicates that these materials are contained in the batteries in legally permissible quantities.



Symbol guide

REF	Item no
LOT	Batch number
SN	Serial number
MD	Medical device
EC REP	Authorised representative
	Manufacture
	Manufacture date
Code 123 123456789012	Barcode
	Fragile, handle with care
	Protect from moisture
	Warning
	Consult instructions for use
	Disposal information
Power: ⎓ 5 V, 2.4A	Power supply
FC	Declaration of conformity
CE	CE marking of conformity

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