## IMPORTANT SAFEGUARDS

Read Instructions

All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions

The safety and operating instructions should be retained for future reference.

Heed Warnings

All warnings on the product and in the operating instructions should be adhered to. Follow Instructions

All operating and use instructions should be followed.

Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

Water and Moisture



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The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product s endosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature

SA 1966

# **BEFORE YOU USE**

The supplied power cord and AC adapter are designed for exclusive use with this product. Do not use them with other equipments.

Be sure to use the power cord applicable to your local power specifications. If the product was sold in Japan, use the AC adapter sold with the product with 100VAC and 50 or 60 Hz.

Do not knot or coil the power cord or AC adapter cord or wrap them around the AC adapter. Doing so may damage the cords, causing fire or electric shock.

When storing the product, do not leave it under direct sunlight or by heaters. It may be discolored, deformed, or damaged.

Do not place this product in any humid, dusty, salt bearing wind, or vibrating locations.

Use it under the following environmental conditions:

Temperature: 0°C - 40°C (32°F - 104°F)

Humidity: 30% - 85% (No condensation)

Use a soft, dry cloth for cleaning.

Do not use any volatile solvent such as thinner or benzene.

Do not point the camera lens directly at the sun. It may be damaged and you may not be able to take pictures

Luminescent and Black Spots

There may be some pixels that do not properly operate due to the use of CMOS Area Image Sensors made-up of many pixels. Though luminescent or black spots may be found on the screen, it is a phenomenon peculiar to the CMOS Area Image Sensors and is not a malfunction.

Follow the guidelines below to prevent the unit from dropping or overturning.

unstable base or slanted location.

e the unit to prevent the AC adapter cord or video cable from pulling. Carry the product by holding the lower part of the main unit in both hands. Never hold the product by the arm or the camera head.

Pay careful attention when using (including setting-up and storing) or transferring the product to prevent the camera head from receiving any shocks.

Do not look directly into the LED light. If you look directly into it at point-blank range, your eyes may be injured.

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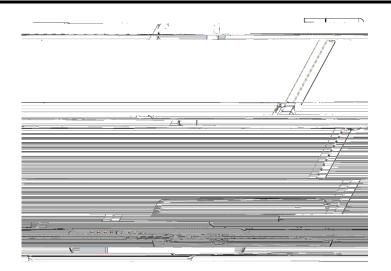
# **BUNDLED ITEMS**



# PART NAMES AND FUNCTIONS

#### Appearance

Operation of the main unit:



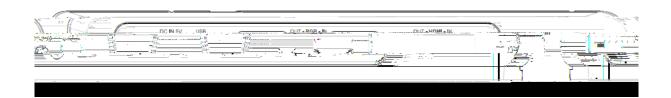
Name
Camera head
Arm
Operating panel
Rear panel

Side panel

### **Operating panel**

Mark Name Functio			Function
		Power	To turn the power ON/OFF. Power ON Blue light Power OFF (standby status) Red light
		Lamp	To turn the lamp ON/OFF
		Image Rotation	To rotate the image Still image (Captured image) Rotates by 90° Live image (Camera image) Rotates by 180°
		Image Freeze / Capture	To pause the camera image by pressing this button for a short moment (less than 1 second). Press this button again to restart. To save a still image to the SD card by pressing this button for long (more than 1 second).
Menu To show/hide the menu		Menu	To show/hide the menu on the screen
		Image Selection	To switch the output video. LED of the selected output video lights up.
		Auto Focus	To automatically focus on the object. AF works once when this button is pressed.

## Rear panel and cable connections



Mark Name	Function
	Security slot

#### To connect a security cable.

An anti-theft security cable can be connected. An anti-theft security cable is not supplied with the product.

#### To connect the AC adapter.

Before inserting the AC adapter in an outlet, connect the DC plug of the supplied AC adapter to the  $\begin{bmatrix} DC | N = V \\ \Theta \in \Theta \end{bmatrix}$  ] terminal on the rear panel.

#### To connect the product to a PC with a USB cable.

Install the control software contained in the supplied CD-ROM onto your PC to connect the product to a PC. For information on the PC requirements, OS types and the software guides, see the -ROM.

#### To connect the product to a device with an analog RGB input terminal.

Connect the RGB cable to the [RGB IN] terminal on the rear panel. Press the Image Selection button to light up the Video Output LED [RGB]

#### To connect the product to a device with an analog RGB output terminal.

Connect the RGB cable to the [RGB OUT] terminal on the rear panel. Press the Image Selection button to light up the Video Output LED [EXT]. The video input to the [RGB IN] terminal is output from the [RGB OUT] terminal.

#### To connect the product to a device with an HDMI input terminal.

Connect a commercially available HDMI cable to the [HDMI OUT] terminal on the rear panel. The product has a Micro HDMI (Type D) terminal.

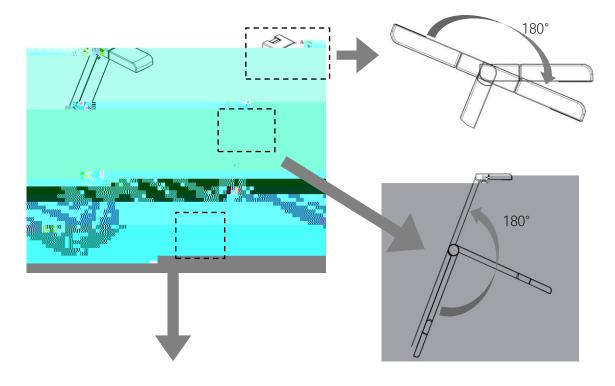
Press the Image Selection button to light up the Video Output LED [HDMI].

Side Panel

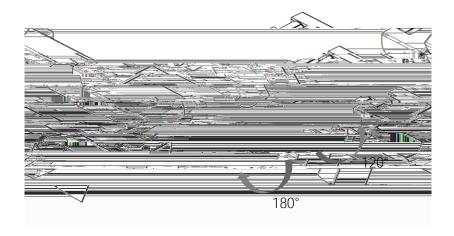
Carry the product by holding the lower part of the body in both hands. Never hold the product by the arm or the camera head.

## Moving Parts of the Mobile Document Camera

This unit can be moved as shown below.1.08 531.85 I3577ohen-US



150°



#### Connecting to a projector or a monitor

Set up the product as shown in the above drawing and turn on the power after connecting a projector or a monitor.

Either an HDMI signal or an analog RGB signal can be output to a projector or a monitor.

Output signal can be selected with the Image Selection button.

# 4 SHOOTING IMAGES

### Adjusting the size

The display range of the document can be adjusted by pressing the [ / ] buttons on the operating panel.

- [ ] ZOOM-IN The object can be shown in large size.
- [ ] ZOOM-OUT The object can be shown in small size.

Adjusting the brightness

### Switching the output video

The Video Output LED of the output terminal used is lit.

The output video can be selected by pressing the Image Selection button.

Video Output LED	Function
HDMI	A video signal is output from the HDMI OUT terminal.
RGB	A video signal is output from the RGB OUT terminal.

USB The product can be connected to a PC via a USB cable.

# **5 CHANGING THE SETTINGS**

Various settings for the product are changed through the menu (characters and icons) displayed on the screen.

### Changing the settings

Press the [ ] button

I con Name

When the output resolution is HDMI, actual output resolution might be different

The clock setting will be reset automatically after a long period of non-operation. Then you will need to perform the clock setting again.

# 6 USING A USB

#### Installing the software

Install the control software

-ROM onto

your PC to connect the product to a PC.

For details about the operating environment and the OS of the connected computer or the operation of the software, refer to the installation manual of Image Mate.

#### Connecting to a PC

Set up the product as shown in the above drawing and turn on the power after connecting a PC.

When the product does not recognize the PC, turn off the product and turn it on again.

Depending on the environment of your PC, the product is not recognized when the PC is in standby status or in sleep status. Make sure to cancel the standby Controlling the product from a USB-connected PC

# 7 USING AN SD CARD

With this7d

#### SD card

The SDXC card cannot be used.

Formatting the SD card with the product before you use is recommended.

Using the SD card class 6 or higher is recommended.

It may take some time to recognize the SD card after inserting it or to save images to the SD card.

Do not remove the SD card when it is in read/write operation.

We do not guarantee the proper operation when you use the image taken by this product with any third party product or when you use the image taken by any third party product with this product or when you use the modified image with this product.

Files larger than 5MB cannot be displayed.

### Thumbnail display mode

#### Thumbnail display mode menu

l con	Name	Selection Item	Factory Setting	Function
	Camera			To display the camera image.

#### Still image display mode menu

l con	Name	Selection Item	Factory Setting	Function
	Camera			To display the camera image.
	Delete	Yes		To delete the displayed still image. Next image is
		No		displayed after the deletion.
	Exit			To hide the menu.

# 8 TROUBLE SHOOTING

If you have a problem or questions about this product, please read this troubleshooting guide first. If the problem still exists, consult the dealer from whom you purchased this product.

Symptom	Possible cause/ remedy
Noimage is displayed.	The cable is not properly connected.
	The AC adapter is disconnected from the wall outlet.
	The AC adapter is disconnected from the power supply
	socket of the unit.

Symptom	Possible cause/ remedy

The image is striped.

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Specifications

### Trademarks and License

← C M C + and Image Mate are registered trademarks of ELMO Co., Ltd.

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#### **OVERSEAS SUBSIDIARY COMPANIES**

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