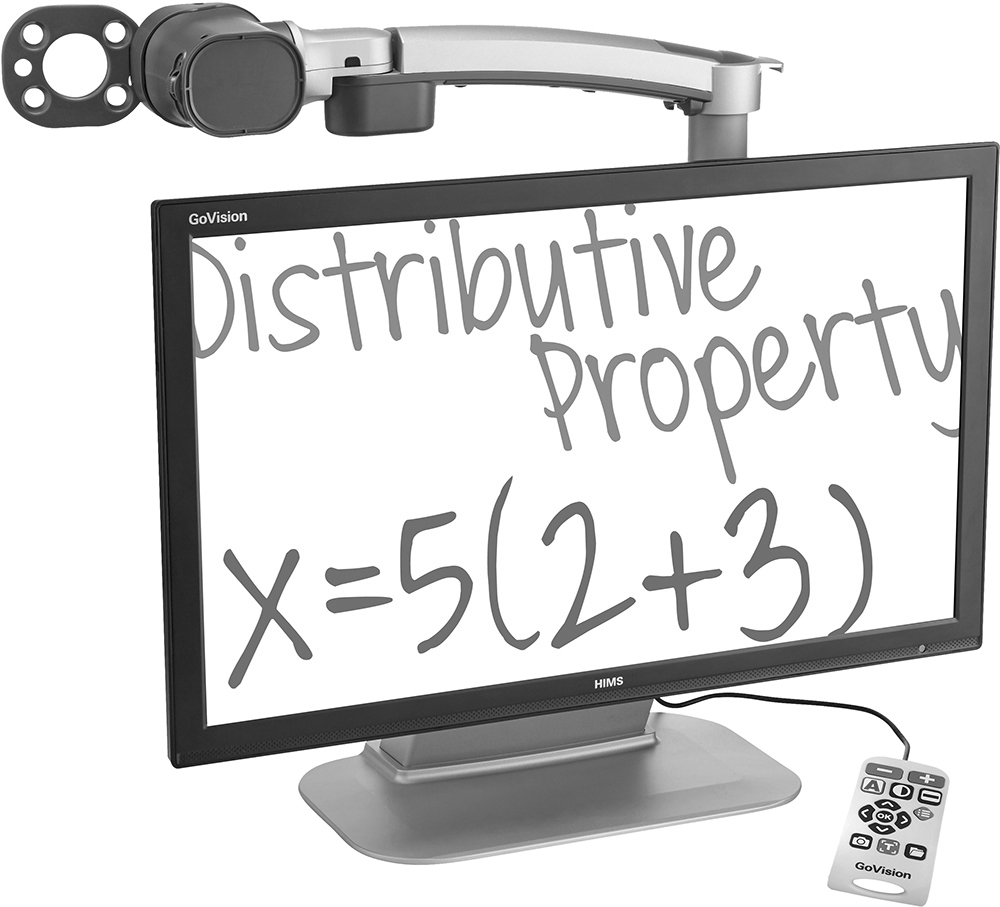
**User Manual**

**GoVision**





Introduction

This manual describes the features and functions of the HIMS GoVision transportable electronic magnifier. Please read this manual thoroughly before using your GoVision, and keep it in a safe place for easy access should you need to refer to it at a later time.

This user's guide also includes product warranty information and safety precautions. If there are any updates to the GoVision specifications or features, this manual will be updated to reflect these changes and placed on the GoVision section of the www.hims-inc.com website.

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JAWON Medical is the developer and manufacturer of all HIMS brand products for the blind and visually impaired. JAWON Medical is the parent company of HIMS Inc., a wholly-owned subsidiary based in Austin, TX.

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# Product Features

**Thank you for purchasing the HIMS GoVision.** GoVision offers a variety of features to assist the visually impaired including state-of-the-art technology for enlarged viewing of documents and images while providing a convenient, flexible and powerful interface to its users.

Various Camera Modes

* Near View Mode / Distance View Mode / Self View Mode

OCR (Text To Speech)

* Quickly recognize and read text aloud

File Browser

* View documents and images via a connected USB drive with the benefit of magnification, color and contrast adjustment

User-friendly Interface

* Remote control designed so that the user can see and use the main features at a glance.
* Intuitive voice guide support for all menus and prompts.
* Quick access to many settings and features through the convenient Multifunction Jog Switch.

Portable, storable and easy folding design.

* Contains a convenient carrying handle on the back of the unit.
* Easy to store with the folding camera arm.

# Safety Precautions

To ensure your personal safety and the proper use of the product as well as prevent accidental damage, please be aware of and abide by the following safety precautions.

## Precautions in the manual

|  |
| --- |
| 1 Safety Symbols |
| Failing to follow these warnings could result in death or serious injury. |

|  |
| --- |
| 주의 Caution |
| Failing to follow the precautions marked with this sign, may result in personal injury or property damage. |

|  |
| --- |
| 지시 Note |
| Refers to helpful hints and notices to which the user should pay special attention. |

## WARNING! For Your Safety

Failing to follow the below precautions may cause serious injury or death.

* Please keep the GoVision away from extreme temperatures or humid conditions. Do not use the GoVision in environments above 104 degrees Fahrenheit (40 degrees Celsius) or lower than minus 50 degrees Fahrenheit (10 degrees Celsius).
* Do not connect the GoVision to ANY electronic devices not indicated in this manual.
* Do not use excessive force when adjusting the camera and camera arm.
* Install the product on a flat, level surface.
* Keep GoVision and its accessories away from infants, small children or pets.

## Safety Precautions

Failing to follow the precautions marked with this sign, may result in personal injury or property damage.

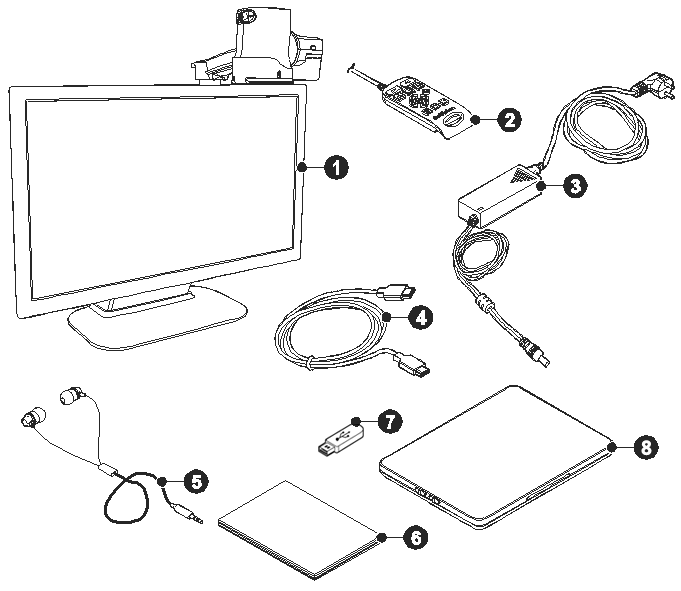
* Do not attempt to disassemble or repair the product yourself. Only authorized repair technicians should disassemble or repair the GoVision, Unauthorized disassembly or repair of the GoVision will void the warranty of the product.
* Handle the GoVision with care, as it contains delicate parts. Damage caused by dropping, or external force or shock is not covered by the warranty.
* Do not use loose power outlets, or a damaged power connector or cord.
* Do not touch the product, the power connectors, or a wall outlet with wet hands.
* Do not plug multiple power devices into the same outlet as GoVision.
* Do not bend or pull the cord to move the unit.
* Use only the power supply provided with the product by the manufacturer, or a power supply meeting the electrical specifications provided by the company.
* Please keep GoVision away from hazardous or flammable substances.
* Always consult our service personnel or an electrician before using an adapter that did not come with the product.

# Product Information

## Package Contents

Please ensure all of the following items are included in your packing box. If any items are missing, please contact the dealer from whom you purchased the product.

|  |
| --- |
| 지시 Note |
| Contents may differ slightly from the actual components, as items are subject to change without prior notice to improve the quality of the product. |



|  |  |
| --- | --- |
| Number | Name |
|  | GoVision |
|  | Remote control |
|  | Power adapter |
|  | HDMI cable |
|  | Headphone |
|  | Quick start guide |
|  | USB memory stick |
|  | Optional X/Y moving table |

## Physical Orientation

Please take a moment to familiarize yourself with the various parts and controls of the GoVision.

### Front Face

Main_front

|  |  |
| --- | --- |
| Number | Name |
|  | Jog Switch |
|  | Near View Mode Lens |
|  | Monitor |
|  | Power Switch |
|  | Camera Arm |
|  | Camera Connector |
|  | Camera |

### Back Face

Main_rear

|  |  |
| --- | --- |
| Number | Name |
| ① | Remote Control Holder |
| ② | Lock Lever |
| ③ | Remote Control Port |
| ④ | Power Port |
| ⑤ | HDMI Port |
| ⑥ | USB Port |

# Set up GoVision

## Powering Up

|  |
| --- |
| 1. Connect the power adapter to the power port on the back of the product. |
| Power1 |
| 1. Connect the power cord to a wall outlet. |
| Power2 |

## Remote Control Setup

|  |
| --- |
| Connect the end of the remote control's cable to the Remote Port on the back of the GoVision. The remote control is ready to use. |
| Contoller |

## Connecting Headphones

It may be advantageous to use earphones in noisy environments or in environments where you do not wish to disturb those around you.

|  |
| --- |
| Connect the earphone to the headphone jack located on the right side of the top of the remote control. |
| Earphone |

# Basic Functions

### Power ON / OFF

|  |
| --- |
| 1. Press and hold the Power button for more than 3 seconds. |
| Power_on |
| 1. The standby screen appears, then the unit powers on. |
| loading image_01 |
| 1. To turn the power off, press the Power button again for more than 3 seconds. |

## Camera Setup

|  |
| --- |
| 1. Place the lock lever in the horizontal position. |
| 설치_카메라 조정_01 |
| 1. Pull up on the camera arm to adjust the height. |
| 설치_카메라 조정_02 |

|  |
| --- |
| 1. Return the lock lever back to the vertical position. |
| 설치_카메라 조정_03 |
| 1. Adjust the location of the camera by rotating the camera arm. |
| 설치_카메라 조정_04 |

|  |
| --- |
| 1. You may move the camera left, right, up or down. |
| 카메라 넥 좌우 회전카메라 좌우 회전 |

### Using Near View Mode

Use Near View to read or view things at close range, such assigning a check or viewing a photo.

|  |
| --- |
| 1. Rotate the camera arm so that the camera faces the front of the product. |
| Camera_close1 |

|  |
| --- |
| 1. Make sure the camera is pointed downward. |
| Camera_close2_수정 |
| 1. Ensure the Near View lens is closed. |
| Camera_close3 |

### Using Distance View Mode

Use when viewing distant objects, such as a blackboard in a classroom.

|  |
| --- |
| 1. Rotate the camera arm so that it faces the back of the product. |
| Camera_long1 |
| 1. Point the camera so that it is facing the distant target. |
| Camera_long2 |

|  |
| --- |
| 1. Open the Near View lens. |
| Camera_long3 |

### Using Self View Mode

Use as a mirror with the added benefit of magnification when applying makeup or performing other facial grooming.

|  |
| --- |
| 지시 Note |
| The maximum distance for Self View Mode is 45 cm from the camera. Keep in mind that images further than that distance will likely appear out of focus. |

|  |
| --- |
| 1. Rotate the camera so that it is facing the front of the product. |
| Camera_close1 |
| 1. Point the camera toward your face. |
| Camera_self |

## Using the Remote Control

컨트롤러

|  |  |  |
| --- | --- | --- |
| Order | Button | Function |
| ① | 컨트롤러_화면 배율 조정 | Increase and Decrease Magnification |
| ② | 컨트롤러_화면 색상 변경 | Adjust Color Mode |
| ③ | 컨트롤러_화면 명도 대비 조절 | Contrast Adjustment |
| ④ | 컨트롤러_상하좌우 이동 | Move Up, Down, Left, and Right |
| ⑤ | 컨트롤러_선택 | Select |
| ⑥ | 컨트롤러_화면 캡처 | FREEZE |
| ⑦ | 컨트롤러_OCR 기능 | Execute OCR (optical character recognition) |
|  | 컨트롤러_파일 탐색기 | File Browser |
| ⑨ | 컨트롤러_사용자 환경 설정 | Menu, to set User Preferences |
| ⑩ | 컨트롤러_마커 기능 | Set Marker |

#### Quick Start Buttons

|  |  |
| --- | --- |
| Button | Function |
| Press 컨트롤러_화면 명도 대비 조절, 컨트롤러_확대 simultaneously | Increase the contrast |
| Press 컨트롤러_화면 명도 대비 조절, 컨트롤러_축소 simultaneously | Decrease the contrast |
| Press 컨트롤러_선택 for more than 2 seconds | Enable and disable focus lock |
| Press  or | Adjust the voice volume |
| Press 컨트롤러_좌 or 컨트롤러_우 | Adjust the voice speed |
| Press 컨트롤러_OCR 기능 for more than 2 seconds | Save the current OCR result |
| Press 컨트롤러_화면 캡처, 컨트롤러_OCR 기능 simultaneously | Check the current date and time |
| Press 컨트롤러_화면 캡처, 컨트롤러_OCR 기능, 컨트롤러_파일 탐색기 simultaneously | Activate the screen saver |
| Press 컨트롤러_OCR 기능, 컨트롤러_파일 탐색기 simultaneously | Activate the digital photo frame |
| Press 컨트롤러_화면 색상 변경, 컨트롤러_확대 simultaneously | The refresh rate change is 60Hz |
| Press 컨트롤러_화면 색상 변경, 컨트롤러_축소 simultaneously | The refresh rate change is 50Hz |

# Advanced Functions

## User Preferences

You can use the menu to customize many of the features of GoVision.

|  |
| --- |
| To open the menu, press [컨트롤러_사용자 환경 설정] on the remote control. |
| 컨트롤러 사용_환경설정_작은이미지 |

#### Selecting Options

|  |  |
| --- | --- |
| Button | Functions |
| 컨트롤러_선택 | 1. Activate the current menu item 2. 이미지 6 Toggle a check box |
| 컨트롤러_좌 or 컨트롤러_우 | 1. Enter or Exit menu 2. Adjust the value of the current setting |
| 컨트롤러_상 or 컨트롤러_하 | 1. Move among menu and list items |

#### Menu Items

|  |  |  |
| --- | --- | --- |
| Order | Items | |
| 1 | Light | |
| 2 | Focus Lock | |
| 3 | OCR Language | |
| 4 | Digital Photo Frame | |
| 5 | Digital Clock | |
| 6 | Advanced options | Color Mode Settings |
| Marker Settings |
| Voice Settings |
| OCR Settings |
| Language Settings |
| Digital Photo Frame Settings |
| Digital Clock Settings |
| Screen Saver settings |
| Camera Frequency |
| My Settings |
| Initialization |
| Product Information |

## Set LED

|  |
| --- |
| 지시 Note |
| This setting applies only in in Near View Mode. LED Lights turn off automatically when switching to Distance View Mode or Self View mode. |

### 1) LED ON/OFF

|  |
| --- |
| 1. Press and hold the center of the Jog Switch for more than 2 seconds. |
| Light_jogswitch1 Light_jogswitch2 |
| 1. Each time you press this command, it toggles the LED on and off. |

### 2) Set the light of the backlighting

Gloss coated paper may cause a glare if the light level is too high, and may interfere with your comfortable viewing and recognition of text and objects. You can adjust the brightness of the light to suit the situation.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the Remote control. |
| 1. Select **[light]**, then press [컨트롤러_선택] |
| 28 |
| 1. Select your desired option and press [컨트롤러_선택] or [컨트롤러_우] |
| 28 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌] |

## Screen Magnification

### 1) Increase and Decrease Magnification

You can adjust the screen magnification in 68 increments.

|  |
| --- |
| 1. Press [컨트롤러_확대] to increase magnification, and [컨트롤러_축소] decrease it. |
| 컨트롤러 사용_확대_축소 |
| 1. The current level is displayed on the screen. |
| 32p en 사본 |

|  |
| --- |
| 지시 Note |
| * In Near View mode, you can adjust the magnification in 68 increments. In Distance View Mode, you can adjust the screen magnification to step 74. * You can also adjust the screen magnification by pressing the Jog Switch to the left or right.   Jogswitch |

### 2) Check current Reading Position

|  |
| --- |
| 1. Press and hold [컨트롤러_화면 배율 조정] simultaneously. |
| 컨트롤러 사용_확대_축소 |
| 1. The document is reduced to normal size, and your current position is marked with a cross shape [ + ]. |
| 34p en 사본 |
| 1. Release the Zoom buttons and you are returned to your previous position and magnification level. |

## Color Mode

|  |
| --- |
| 지시 Note |
| In addition to changing the general color modes, you can use the menu to define 4 of the color modes with text and background colors of your choosing. |

### 1) Selecting a Color Mode

Cycle through the enabled color modes.

|  |
| --- |
| To change the Color Mode on the current screen, press [컨트롤러_화면 색상 변경] |
| 컨트롤러 사용_색상변경 |

### 2) Enabling and Disabling Color Modes

You can deactivate up to 4 of the 7 color modes for easier cycling through your most frequently used combinations.

|  |
| --- |
| 지시 Note |
| [Natural], [Black Letters on White Background], and [White text with Black Background] are default color modes, and cannot be disabled. |
| 1. Press [컨트롤러_사용자 환경 설정] on the Remote control, and select [Advanced Options]. |
| 1. Select the [Color Mode Settings] and press [컨트롤러_선택] or [컨트롤러_우] |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] on the desired color mode. |
| 37 |
| 1. Press **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to enable or disable the color mode, then press [컨트롤러_선택] to confirm your choice. |
| 1. Please verify your color mode choices, then press [컨트롤러_선택]. |

### 3) Defining the Color Mode

4 of the 7 color modes are user definable, allowing you to choose the specific text and background colors for each, giving you color modes best suited to your visual condition and viewing needs.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control, and select [Advanced Options]. |
| 1. Select the [Color Mode Settings] and press [컨트롤러_선택] or [컨트롤러_우] |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] to change the desired color mode. |
| 1. Use **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to choose **[Enable]** and press [컨트롤러_선택]. |
| 1. Use **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to change the text color, and **[**컨트롤러_상**]** or **[**컨트롤러_하**]** to change the background color. |
| 1. When you have chosen your desired color combination, press [컨트롤러_선택] to save it. |
| 1. Your new color combination is now available when changing color modes. |

## Contrast Control

Due to variations in paper type, text type and color and the background color of documents or books that you are reading, you may need to adjust the contrast from 1 to 40 steps to read the documents or books clearly.

|  |
| --- |
| 1. Press [컨트롤러_화면 명도 대비 조절] on the remote control. |
| 컨트롤러 사용_명도 대비 조절 |
| 1. To increase contrast press [컨트롤러_우]. To decrease contrast press [컨트롤러_좌]. |
| 컨트롤러 사용_좌우이동 |
| 1. To save the contrast setting, press [컨트롤러_선택]. |

|  |
| --- |
| 지시 Note |
| To adjust the contrast, press and hold [컨트롤러_화면 명도 대비 조절] while pressing [컨트롤러_확대] or [컨트롤러_축소] on the remote control |

## Markers

Markers help you to focus on the text that you are reading by narrowing the display area with window markers or by underlining the sentence that you are reading.

### 1) Setting Markers

|  |
| --- |
| Use [컨트롤러_마커 기능] on the remote control to cycle through the available markers: **[Horizontal Line Marker]**, **[Vertical Line Marker]**, **[Horizontal Window Marker]** and **[Vertical Window Marker]**. |
| 컨트롤러 사용_마커 기능 |

### 2) Change the color of the Line Marker

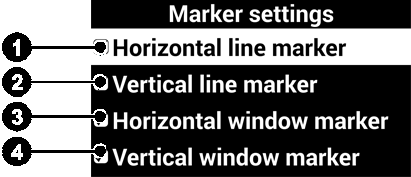
When the line marker is displayed on the screen, you can change the color for easier viewing.

|  |
| --- |
| 1. Press **[컨트롤러_화면 색상 변경]** while holding down **[**컨트롤러_마커 기능**]** to change the color mode of the current line marker. |
| 컨트롤러 사용_마커색상변경 |
| 1. As you hold **[**컨트롤러_마커 기능**]**, continued presses of **[컨트롤러_화면 색상 변경]**cycle through the available colors for the line marker |

|  |
| --- |
| 지시 Note |
| The available color options for the line marker are: Texture, White, Black, Yellow, Cyan, Green, Magenta, Red, Blue |

|  |
| --- |
| 지시 Note |
| You cannot change the color of the Window marker. |

### 3) Adjust marker type and size



|  |  |
| --- | --- |
| 1. **Horizontal line marker** | 1. **Vertical line marker** |
| 41p_01 en 사본 | 41p_02 en 사본 |
| Press **[**컨트롤러_상**]** or **[**컨트롤러_하**]** to move the marker position horizontally. | Press **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to move the marker vertically. |
| 1. **Horizontal line marker** | 1. **Vertical window marker** |
| 41p_03 en | 41p_04 en |
| Press **[**컨트롤러_상**]** or **[**컨트롤러_하**]** to expand or reduce size of the Window marker horizontally. | Press **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to expand or reduce size of the window marker vertically. |

### 4) Marker Settings

You can also use the menu to choose any of the 4 marker types, or you can choose to use no markers.

|  |
| --- |
| 1. Select [Marker Settings], then press [컨트롤러_선택] or [컨트롤러_우] |
| 42 |
| 1. Select a marker type and press [컨트롤러_선택] or [컨트롤러_우] |
| 40 |
| 1. If you choose “No Marker” using the check box, the current marker is disabled and no marker appears. |

## Screen Capture

To display a still image for a closer look at the content, or to save an image for later viewing, you can capture an image and save the content to a USB flash drive.

### 1) Screen Capture

|  |
| --- |
| 1. Press the [컨트롤러_화면 캡처], and the current image is frozen on the screen [프리즈] and a camera snapshot sound is heard. |
| 컨트롤러 사용_화면 캡쳐 |
| 1. When the image is frozen, you may adjust magnification or color modes, just as with the live view. |
| 43p_en 사본 |
| 1. To return to live viewing, press [컨트롤러_화면 캡처] again. |

### 2) Saving a Still Image

|  |
| --- |
| 1. Connect the USB cable to the USB port on the back of the product. |
| USB |
| 1. When the image is frozen, press and hold [컨트롤러_화면 캡처] for more than 2 seconds. |
| 1. When “Save photo done” [i_192x192_1] is displayed and spoken, the image is saved to the USB drive. |

|  |
| --- |
| 지시 Note |
| * If the USB drive is not connected correctly, the message "Save file failed" is displayed on the screen. * The image is saved to the USB as /GV100/Image/MMDDYYYYhhmm.jpg. |

## OCR (Optical Character Recognition)

OCR allows you to read text material aloud using the built-in text-to-speech.

### 1) Executing OCR

|  |
| --- |
| 1. When the document is displayed on the monitor, press [컨트롤러_OCR 기능]. |
| 컨트롤러 사용_OCR 기능 |
| 1. The text of the document is analyzed and begins reading aloud. |
| 1. Use **[**컨트롤러_좌**]** or **[**컨트롤러_우**]** to read the next and previous sentence, use the **[**컨트롤러_상**]** or **[**컨트롤러_하**]** to move by paragraph. |
| 1. Press [컨트롤러_선택] while reading and playback is paused, pressing [컨트롤러_선택] again resumes reading. |
| 1. To exit the OCR function, press [컨트롤러_OCR 기능] or [컨트롤러_파일 탐색기] |

|  |
| --- |
| 지시 Note |
| If the recognition rate is low at the minimum magnification rate, please try increasing the magnification rate and performing the OCR again. |

### 2) OCR Languages

You can add one secondary language in addition to the system configuration language, for recognition of documents containing 2 languages.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control. |
| 1. Select [OCR Language], then |
| 1. Select your language and press [컨트롤러_선택] or [컨트롤러_우]. |

|  |
| --- |
| 지시 Note |
| To adjust the pitch, volume and speed of the voice output, refer to voice settings. |

### 3) OCR Deskew Correction

If you are finding OCR not to be accurate, it may be due to the text not being perfectly aligned.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control, and select [Advanced Options] |
| 1. Select [OCR Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [Deskew Correction] and press [컨트롤러_선택] or [컨트롤러_우]. |

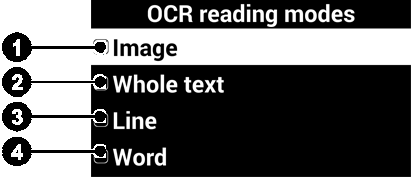
|  |
| --- |
| 지시 Note |
| If problems occur, such as the document appearing upside down, terminate the function and start again. |

### 4) Set OCR Reading Mode

After the OCR scan is complete, you can customize how the text is displayed and spoken.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control, and select [Advanced Options] |
| 1. Select [OCR Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [OCR reading mode] and press [컨트롤러_선택] or [컨트롤러_우]. |

#### OCR reading mode options



|  |  |
| --- | --- |
| ① Image: The scanned image in its original form | ② Whole text: The text result of the OCR analysis |
| 49 사본 en | 48 |
| ③ Line: each line is displayed individually as it is spoken | 1. Word: each word is shown individually as it is spoken |
| 48 | 48 |

## File Viewer

You can use the File Viewer to view saved images, OCR scans, videos, or text-based files.

#### Supported File Formats

|  |  |
| --- | --- |
| Option | Format |
| Document | MS Word 97~2014 (.doc, .docx, .dot, .dotx),  Text (.txt, .asc), Rich Text (.rtf) |
| Image | PNG, BMP, JPG(JPEG) |
| Video (Codec) | MP4(H.263, H.264), 3GP |
| Subtitles | smi, srt |

### 1) Connect the USB

|  |
| --- |
| Connect the USB cable to the USB port on the back of the product. |
| USB |

|  |
| --- |
| 지시 Note |
| If the USB drive is not connected properly, an error message is displayed on the monitor. |

### 2) File Management

#### Moving Files

|  |
| --- |
| 1. Press [컨트롤러_파일 탐색기] on the remote control. |
| 컨트롤러 사용_파일 탐색 기능 |
| 1. Image, video, and document files and folders appear on the screen. |
| 1. Press [컨트롤러_사용자 환경 설정] to open the file menu, and select [Selection Mode]. |
| 51 |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] to select files and folders you want to move**.** |
| 1. To move the selected items, press [컨트롤러_사용자 환경 설정], and then select [Copy] or [Cut]. |
| 1. Move to the location where you want to place the files or folders, then press [컨트롤러_사용자 환경 설정] again. Select [Paste]. |
| 1. To close the file menu, select [Exit]. |

|  |
| --- |
| 지시 Note |
| When copying USB files, please note that overwriting existing files is not supported. |

#### Filtering Files

Use the following commands to browse only the files in specific formats.

|  |  |
| --- | --- |
| Button | Function |
| Press 컨트롤러_선택, 컨트롤러_화면 캡처 simultaneously | To show only video and image files |
| Press 컨트롤러_선택, 컨트롤러_OCR 기능  simultaneously | To show only OCR files |
| Press 컨트롤러_선택, 컨트롤러_파일 탐색기 simultaneously | To show only document files |

#### Deleting Files

|  |
| --- |
| 1. Press [컨트롤러_파일 탐색기] on the remote control. |
| 컨트롤러 사용_파일 탐색 기능 |
| 1. Image, video, and document files and folders appear on the screen. |
| 1. Press [컨트롤러_사용자 환경 설정] to open the file menu, and select, [Selection Mode]. |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] to select files or folders. |
| 1. Press [컨트롤러_사용자 환경 설정] and select [Delete]. |
| 1. To confirm deletion of the file, select **[Yes]** in the message screen. |
| 1. To close the document, press [Exit]. |

### 3) Viewing Files

|  |
| --- |
| 1. Press [컨트롤러_파일 탐색기] on the remote control. |
| 컨트롤러 사용_파일 탐색 기능 |
| 1. Image, video, and document files and folders appear on the screen. |
| 1. Use [컨트롤러_상] or [컨트롤러_하] to navigate to your desired file, then press [컨트롤러_선택]. |
| 1. To close the document, press [컨트롤러_파일 탐색기]. |

## Document View Settings

### 1) To adjust the document magnification

|  |
| --- |
| When a document on the USB drive is displayed, press [컨트롤러_화면 배율 조정] on the remote control to adjust the font size. |
| 컨트롤러 사용_확대_축소 |

### 2) To change the color of the document

|  |
| --- |
| 1. When a document on the USB drive is displayed, press [컨트롤러_화면 색상 변경] to change the text color and background color of the document. |
| 컨트롤러 사용_색상변경 |
| 1. GoVision cycles through the available color modes each time you press [컨트롤러_화면 색상 변경]. |

### 3) Scrolling documents

|  |  |
| --- | --- |
| Scroll functions | Button |
| Navigate by line | Press [컨트롤러_상] or [컨트롤러_하] |
| Navigate by page | Press [컨트롤러_상] or [컨트롤러_하] twice in quick succession |
| Navigate by first character | Press [컨트롤러_선택] |

|  |
| --- |
| 지시 Note |
| Flashing the first character is only supported in the Normal View. |

### 4) Line Mode

When Line Mode is on, each line is displayed individually as it is read aloud, with the current word highlighted. Also, when Reflow Mode is on, rearranges the text in lines the width of the screen, thus scrolling up and down is all that is necessary to view the entire document.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control while a document is displayed on the monitor. |
| 1. In the menu, select [Document Mode], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select the desired document mode, then press [컨트롤러_선택] or [컨트롤러_우]. |
| 55 55 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |
| 1. The document is displayed on the screen in the selected mode. |

#### Document type mode

|  |  |  |  |
| --- | --- | --- | --- |
| Mode | Screen | Function | |
| Normal Mode | 56 | | Text remains in its original position, no matter how much it is magnified, and you can scroll up, down, left or right to view it in its entirety. |
| Reflow Mode | 56 | | Rearranges the text in lines the width of the screen, thus scrolling up and down is all that is necessary or available. |

### 5) Auto-scroll Setting

Allows you to view the content of the document without manually moving the reading position with the remote control.

|  |
| --- |
| 1. Press [컨트롤러_화면 캡처] on the remote control while a document is displayed on monitor. |
| 1. The document automatically begins scrolling. |
| 1. Press the [컨트롤러_사용자 환경 설정] on the remote control to adjust the scrolling speed. |
| 1. Select [Auto scroll speed] then You can adjust the speed using [컨트롤러_좌] or [컨트롤러_우] |
| 06 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정]. |

### 6) Document View Mode Type

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control while a document is displayed on the monitor. |
| 1. From the menu window, select [View Moe], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select the desired view mode, then press [컨트롤러_선택] or [컨트롤러_우]. |
| 58 58 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |
| 1. The document is displayed on the screen in the selected mode. |

#### View Mode Type

|  |  |  |  |
| --- | --- | --- | --- |
| Mode | Screen | Function | |
| Original View mode | 59 | | The document is displayed in its original form |
| Line Mode | 59 | | Each line of the document is displayed individually as it is read aloud |

### 7) Reading documents aloud

|  |
| --- |
| When a document on the USB drive is displayed, press [컨트롤러_OCR 기능] on the remote control. The document is then read aloud with the built-in text-to-speech. |
| 컨트롤러 사용_OCR 기능 |

### 8) Set Bookmark

You can bookmark a location in the document, so that you can easily return to it later.

#### Saving Bookmark

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control while a document is displayed on the monitor. |
| 1. From the menu window, select [Bookmark], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 60 |
| 1. Select [Save Bookmark] and press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Press [컨트롤러_상] or [컨트롤러_하] to move to the position you want to bookmark, and press [컨트롤러_선택]. Choose a bookmark number from 1 to 5. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

#### Moving to Bookmarks

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control while a document is displayed on the monitor. |
| 1. From the menu window, select [Bookmark], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 60 |
| 1. Select [Open Bookmark], and press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Press the [컨트롤러_선택] on the desired bookmarked position. |
| 1. You are placed at the bookmarked position in your document. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

### 9) File Information

Displays file information including: file name, file type, file path, and file size.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control while a document is displayed on the monitor. |
| 1. From the menu window, select [File Information], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 71 |
| 1. Information for the current document is displayed. |
| 62 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

### 10) Exit Marks

GoVision automatically saves a mark in your document when you close the file. The next time you open it, GoVision will prompt you whether to return to your last position or pace you at the top of the document.

|  |
| --- |
| Select [Yes] to return to your previous position. Select  [No] to return to the beginning of the document. |
| 63 |

|  |
| --- |
| 지시 Note |
| In large documents, this message may be delayed. |

## Video Playback Settings

### 1) Playback

While a video is running, use the following functions.

|  |  |
| --- | --- |
| Button | Function |
| 컨트롤러_선택 | Play / Pause |
| 컨트롤러_화면 색상 변경 | You can change the color of the subtitles. |
| 컨트롤러_좌 or 컨트롤러_우 | Move the playback section |
| 컨트롤러_상 or 컨트롤러_하 | Adjust voice volume |

### 2) Repeat

The Repeat function allows you to select and repeat a specific section of a video as many times as you wish.

|  |
| --- |
| 1. Press [컨트롤러_OCR 기능] on the remote control at the point to start the repetition, then continue playback. |
| 컨트롤러 사용_OCR 기능 |
| 1. Use [컨트롤러_좌] or [컨트롤러_우] to move to the point where you want to end the repetition. |
| 1. Press [컨트롤러_OCR 기능] to play the section for repetition. |
| 1. To end the AB repeat, during playback, press [컨트롤러_OCR 기능] again. |

### 3) Subtitle Settings

When a video containing subtitles is running, open the subtitle settings and you can control the sync and adjust the size and color of the subtitles.

#### Run Subtitles

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control during video playback. |
| 1. From the menu, select [Subtitle Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] to run or exit the **[Subtitles]** |
| 66 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

#### Subtitles Synchronization

If, for some reason, the subtitle and the currently playing video do not match, you can adjust the synchronicity of the subtitles.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control during video playback. |
| 1. From the menu, select [Subtitle Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [Subtitle Sync], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 67 |
| 1. Use [컨트롤러_상] or [컨트롤러_하] to make adjustments, then press [컨트롤러_선택]. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

#### Subtitle Size / Position / Color settings

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control during video playback. |
| 1. From the menu, select [Subtitle Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select the item you want to change. |
| 68 |
| 1. Use [컨트롤러_상] or [컨트롤러_하] to change the value of the current setting. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

|  |
| --- |
| 지시 Note |
| Using [컨트롤러_화면 색상 변경] on the remote control, you can change the subtitle color in real time. Using [컨트롤러_확대] and [컨트롤러_축소] on the remote control, you can also change the subtitle size in real time. |

### 4) Bookmark Settings

#### Save Bookmarks

|  |
| --- |
| 1. Press the [컨트롤러_사용자 환경 설정] on the remote control at the position you want to place a bookmark. |
| 1. From the menu, select [Bookmark Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [Bookmark Save] and press [컨트롤러_선택] or [컨트롤러_우]. |
| 69 |
| 1. Choose a bookmark number from 1 to 5, then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

#### Moving to Bookmarks

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control during video playback. |
| 1. From the menu, select [Bookmark Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [Bookmark Open] and press [컨트롤러_선택] or [컨트롤러_우]. |
| 70 |
| 1. Select the bookmarked location you want to go to, and press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. The video begins playing from the bookmarked position. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

### 5) File Information

This option displays information such as Playing Time, File Name, File Type, File Path and File Size.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control during video playback. |
| 1. From the menu, select [File Information], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 71 |
| 1. The file information for the currently playing video is displayed. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

## Voice Guide

### 1) Product Languages

You can select the language for the menus and prompts displayed on the screen and spoken by the voice guide.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Languages], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 72 |
| 1. Select your desired languages and press, [컨트롤러_선택] or [컨트롤러_우]. |
| 72 |

### 2) Running the Voice Guide

You can adjust speed, volume and pitch of the voice guide as well as turn it on and off.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Voice Attribute Setting], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 73 |
| 1. Select [Voice Guide], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 73 |

|  |
| --- |
| 지시 Note |
| While in Near View Mode, adjust the volume using the [컨트롤러_상] and [컨트롤러_하], and adjust the speed using the [컨트롤러_좌] and [컨트롤러_우]. |

### 3) Voice Attribute Settings

|  |
| --- |
| 1. Select any of the settings, and press [컨트롤러_좌] or [컨트롤러_우] to adjust the voice volume, speed or pitch. |
| 74 |
| 1. Select [Voice type], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 74 |
| 1. Select the type, then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

## Focus Lock

If there is movement in the camera view, such as when you are writing under it, you may wish to lock the focus so that it doesn't try to follow your hand or pen.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control. |
| 1. Select [Focus Lock], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 75 |
| 1. The lock symbol [E-bot Focus-03-1] appears on the screen. |
| 76 en 사본 |
| 1. To turn off, Focus Lock, press [컨트롤러_선택] or [컨트롤러_우]. The lock symbol [E-bot Focus-03-1] disappears. |

## Camera Frequency

If the screen is not displaying correctly or you experience a black line, check the frequency.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Camera Frequency], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 76 |
| 1. Select the frequency, press [컨트롤러_선택] or [컨트롤러_우]. |
| 76 |

# Add-Ons

## Digital Photo Frames

You can view images on a USB drive on GoVision's monitor as a slide show.

|  |
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| 지시 Note |
| The first time you connect a USB drive to the product, a [GoVision] folder is automatically created. If the folder does not exist, disconnect and reconnect the USB drive. |

### 1) Digital Frame Playback

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| --- |
| 1. Save the images in the [Slide] folder of the [GoVision] folder on the USB drive. |
| 1. Connect the drive containing the photos to the USB port on the back of the product. |
| USB |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control. |
| 1. Select [Digital Photo Frame], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Pictures in the [GoVision] folder are sequentially displayed on the monitor. |

|  |
| --- |
| 지시 Note |
| Press [컨트롤러_OCR 기능] and [컨트롤러_파일 탐색기] simultaneously to start and stop the Digital Photo Frame. |

### 2) Digital Photo Frame Settings

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control. |
| 1. Select [Digital Photo Frame Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Select [**Photo Transition Time**], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 79 |
| 1. Select [**Digital Photo Frame**], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 79 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

## Digital Clock

While using GoVision, you can easily check the time with the full-screen digital clock.

|  |
| --- |
| 지시 Note |
| Press [컨트롤러_OCR 기능] and [컨트롤러_화면 캡처] simultaneously and the Digital Clock appears on the screen. |

### 1) Digital Clock Display

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control. |
| 1. Select [Digital Clock], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 80 |
| 1. To return to the previous screen, press [컨트롤러_사용자 환경 설정] or [컨트롤러_좌]. |

### 2) Digital Clock Settings

If GoVision's clock is not correct, you can reset it to the current time.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Digital Clock Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 1. Use [컨트롤러_좌] or [컨트롤러_우] and [컨트롤러_상] or [컨트롤러_하] to modify the date and time. |
| 81 |
| 1. When the setting is complete, press [컨트롤러_선택]. |

## Screen Savers

In order to protect the screen of the product, you may use the clock or your digital photos as a screen saver.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Screen Saver Settings], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 82 |
| 1. Select [Digital Clock] or [Digital Photo Frame], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 82 |
| 1. Select [Timer Setting], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 82 |
| 1. Select [Screen saver operation based on time], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 83 |

|  |
| --- |
| 지시 Note |
| To activate the screen saver, press [컨트롤러_화면 캡처], [컨트롤러_OCR 기능], [컨트롤러_파일 탐색기] simultaneously.  If you press any button on the camera or remote control, or if the camera detects movement while the screen saver is in operation, the screen saver will be canceled. |

## My settings

You can set and save your user settings, and easily restore them later.

### 1) Save Settings

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [User Options], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 01 |
| 1. Select [Save User Options], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 03 |
| 1. Press [컨트롤러_선택] or [컨트롤러_우] at the desired position. |
| 05 |

### 2) Load Settings

|  |
| --- |
| 1. Select [Import User Options], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 02 |
| 1. Press the [컨트롤러_선택] or [컨트롤러_우] on the desired settings, and select **[Yes].** |
| 04 |

## Initialization

If something doesn't seem to be operating as you think it should, you can restore all settings to the factory defaults.

|  |
| --- |
| 1. Press [컨트롤러_사용자 환경 설정] on the remote control and select [Advanced Options]. |
| 1. Select [Initialization], then press [컨트롤러_선택] or [컨트롤러_우]. |
| 85 |
| 1. Select [**Yes**], and press [컨트롤러_선택]. |
| 1. [Reset done] is displayed on the screen when the rest is complete. |
| 지시 Note | |
| When GoVision is powered off, hold the center of the Jog switch and press and release the Power button. Hold the Jog Switch until the unit reboots, and all settings should be restored to the factory defaults. | |

## GoVision as a Computer Display

You can use the HDMI cable included in the product packaging to connect your GoVision to a PC or Mac and use it as a monitor.

|  |
| --- |
| 1. Connect the HDMI cable to the HDMI port of the GoVision. |
| HDMI1 |
| 1. Connect the HDMI / DVI adapter to the computer monitor port. |
| HDMI2-1 |
| 1. While GoVision is powered on, briefly press and release the Power button. |
| Power_on |
| 1. The computer image is shown on the GoVision screen. |

|  |
| --- |
| 지시 Note |
| When the GoVision is connected to a computer, the screen saver will not be activated, even if no activity occurs for the period of time you set in the Screen Saver Settings.  To change the setting, on the remote control, press [컨트롤러_화면 명도 대비 조절], [컨트롤러_마커 기능], [컨트롤러_화면 색상 변경] simultaneously. |
| 지시 Note |
| If your computer supports only DVI port, use the HDMI/DVI converter. |

# Maintenance

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| 주의 Caution |
| While transporting and storing the GoVision, be careful not to damage the LCD monitor. |

## Transporting the Product

The back of the unit is designed with a handle for easy carry and transport. Please use the mobile handle and other precautions to transport the unit properly to avoid damage or undue stress to the GoVision.

|  |
| --- |
| 1. Make sure that the Near View Lens is closed. |
| Camera_close3 |

|  |
| --- |
| 1. Raise the locking lever fold the camera arm. |
| Carry2 |
| 1. Return the locking lever to the lock position. |
| 유지보수 |
| 1. Use the handle on the back of the product, to carry it safely. |
| Carry4 |

## Storage

To help protect the GoVision when storing it during long periods of disuse, please store it in environments that are not subject to extreme temperatures

|  |
| --- |
| We recommend that after ensuring the camera arm is locked in the folded position, that you return GoVision to its original packing box for storage. |
| Store1 |

# Appendices

## Troubleshooting

모니터 픽토그램 The screen does not turn on!

* Make sure the power cable is properly connected to the product.

모니터 픽토그램 ‘No Signal’ message appears when you try to switch to the computer screen!

* Make sure that the HDMI cable is properly connected to the product.
* If the cables are connected properly, please try rebooting your computer while the GoVision power is on, then try the PC CCTV switch again.

모니터 픽토그램 You cannot see the letters clearly!

* If the image is out of focus, changing screen magnification or other options may make the image appear fuzzy. Try turning the Focus Lock on and off.
* Try adjusting the contrast level. Adjusting the contrast according to the state of the printed material may cause the letters to appear more clearly.

모니터 픽토그램 Color mode is not working!

* Check the current color mode. Remember that Color mode selections 1-3 cannot be redefined. Modes 4-7 can be defined to your specifications.

# Warranty Statement

HIMS warrants all GoVision models against defects in materials and workmanship under normal use for a period of TWO years from the date of original purchase when purchased new. Normal wear and tear is exempted from this warranty. HIMS will repair at no labor charge and, at its sole discretion, will repair or replace any parts during the warranty period. Customer shall be responsible for the shipping charge of the product to HIMS or a HIMS authorized service center for repair. Customer may be required to provide “proof of purchase”, usually in the form of the original receipt or invoice, to document the original date of purchase.

This warranty does not cover: 1. Defects or damage resulting from misuse, accident or negligent use, or use in other than a normal or customary manner, 2. Defects or damage resulting from improper installation, operation, maintenance, alterations, adjustments, or modifications, 3. Defects or damage caused by dropping, scratches, spills, liquids, or other substances or misuse to any plastic or other external surfaces, 4. Damage to the product caused by operation with any product not supplied by HIMS, 5. Damage caused by natural disasters such as flooding or fire.

There are no other expressed or implied warranties applicable to this product. HIMS’ liability under this warranty shall be limited to repair or replacement as described above. In no event shall HIMS be liable for any special, consequential, or incidental damages.

This warranty is valid only for repair within North America. This warranty does not apply if the product is used outside North America.

**Note:** This warranty applies to all parts excluding the monitor which is warranted for one year. HIMS Inc. offers free and paid services as outlined by the FTC (Fair Trade Commission) and consumer damage compensation standards. Compensation provisions are based on the FTC consumer compensation criteria.

## Non-Warranty Repair Service

Note: Service required as a result of the following is not covered by the warranty, even if such circumstances occur during the warranty period, and thus, the customer is responsible for any related repair costs

* The product fails or is damaged as a result of dropping or other external force or shock.
* Use of replacement parts from suppliers other than JAWON MEDICAL CO., LTD in the event of a product failure
* If the customer is decomposed by any of the accessories are lost or damaged goods
* If failure occurs due to a negligence to observe the Safety precautions specified in the instruction manual of this product
* If failure occurs due to natural disaster (lightning, fire, storm and flood damage, gas, salt damage, earthquakes, etc.)
* If a failure occurs due to other customer actions.

**For Technical Support and Service, Contact HIMS Inc.**

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**To learn more about HIMS products   
for people with low vision or blindness,   
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