VisualTable
Quick Start Guide

1. Starting VisualTable

(1) Connect VisualTable and run VisualTable program.
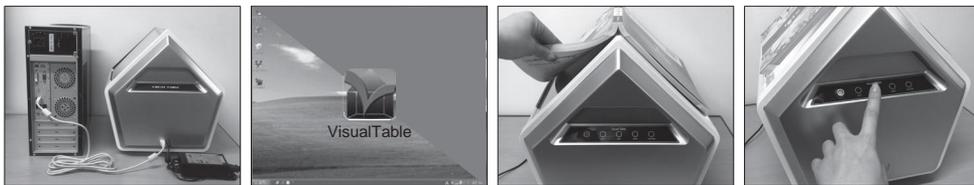
① Turn on your PC power and check all the connections of the USB cable, power cable and power adaptor of the VisualTable to the PC. Start the program 30 seconds after connecting the USB cable.

② Double click the "VisualTable" icon on the PC screen or in the start menu in the PC screen corner.

③ Put your book, binding or paper, on the top of VisualTable with its visible side facing down.

④ Turn on power by pressing the power button on the button panel at the front of VisualTable.

⑤ Push the LEFT or RIGHT button to capture pages.

⑥ If the projected image does not appear, check "Camera options" in "Custom Setting" in the

(2) Custom Setting: Camera options

Click

below.

Choose the right driver in the "Video Device" selection window.

- Windows 7 and above: Choose "TAMTUS-CAM500."
- Windows XP: Choose "USB 2.0 Camera Device."

② Once you see "2592x1944" in the "Camera Resolution" selection window the setting is complete.

③ Click the "OK" button at the bottom and exit "Custom Setting". If there is no image on the screen, choose a different video device again or choose a lower camera resolution step by step and check whether the projected image appears on the screen.

* Note: See III. 3. "1) Camera setting" in User Guide inside CD for more details about the settings.
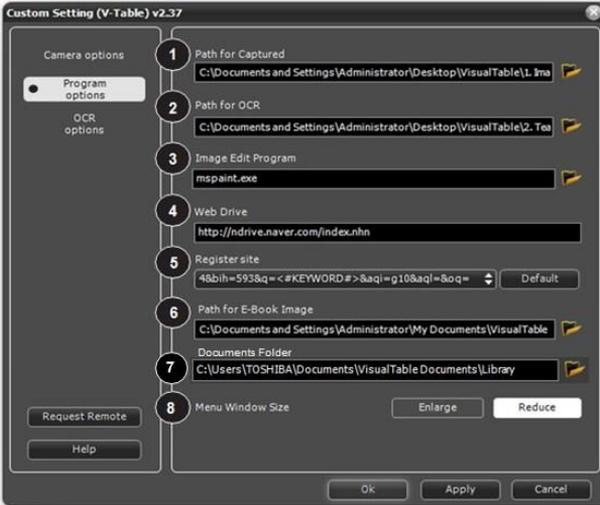
① Path for Captured: to select a folder where captured images are saved

② Path for OCR: to select a folder where OCR-formatted documents are saved

③ Image Edit Program: to select an Image Edit program; otherwise, Windows' Mspaint.exe has been set at default. (Open the folder of the requested edit program and click its exe file.)

④ Web Drive: to register the site for cloud service drive (e.g. google drive). The registered site will pop up by click of "U" button in "App" of the Main menu panel.

⑤ Registered Site: the registered search engine to be used in VisualTable, moving up and down by using the Up/Down arrow on the right in order to select preferred one.

⑥ Path for E-Book Image: to determine a folder for saving scanned images for creating an eBook in the eBook mode.

⑦ Documents Folder: to determine a folder for saving the image by double click of the inside of the scan area in creating eBook. (Refer to III. "5. Creating eBook".)

⑧ Menu Window Size: to select the size of the Main menu panel and make it small or large.

① OCR Option: to select a targeted language for OCR converting characters on documents. In the event of converting a document written only in English, selecting "English" will improve the recognition rate.

② Translation Language Selection: to select a language after translation. (The related function in the Main menu panel: ⬚ Area selection→ ⬚ Translation)

2. Operating the hardware

Both the hardware and the software program menu can be used for image capture. In the event of successive scanning of the book, use the software menu panel "Main menu panel". (Refer to III. "5. Creating an eBook" for more detail.)

(1) Hardware key pad   * Direction of the Book matching the initial setting
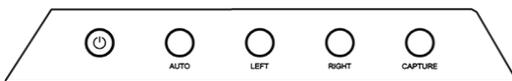
(2) Buttons on the software menu panel

- POWER : Power on & off (Equipment beep: No execution of program or no proper connection of the cables)

- AUTO ⬚ : captures and saves pages on both sides alternately.

- LEFT ⬜ : shows the left page of the book on the screen
- RIGHT 🇷 : shows the right page of the book on the screen
- CAPTURE 📷 : captures the current image and save it.

3. Program tools (Demo Video: Click https://youtu.be/8VO61AngFR4)

🇱	Left view	To show the left side of a book
🇷	Right view	To show the right side of a book
▶	Real-time image view	To show images of the book on the screen in real time. A click on the button displays Freeze-screen. ⬛
⬛	Freeze-screen	To freeze a captured image on the screen. A click on the button displays Real-time image view. ▶ Click on either R 🇷 or L 🇱 to bring up a new page.
◐	Negative view	To show the color of an image in reverse form <Original image> <Negative image>
📷	Capture	To scan the current page and save it in a file. The destination can be set in "Path for Captured" of 1. (2) Custom Setting/ Program options. The basic folder name is "Capture Image"/ "YYYY-MM-DD"(Year-Month-Date) and basic file name is "HH_MM_SS"(Hour_Minute_Second). In writing mode, the objects that are drawn or written on the image are saved together.
📷	Series-Capture	To save left and right sides in image file format. The currently viewing page is saved first and then the opposing side follows. The path is assigned to Captured Image Save folder.
↻	Rotation	To display an image turning at 90 degrees clockwise. The rotation value is saved and later applied in the same form when uploading the image.
🖼	Open folder	To open Captured Image Save folder to verify the image saved in the scan mode.

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		Area selection	To drag a specific area with a mouse to make selection
	💾	Save	To save the selected area into an image
	📄	Copy	To copy the selected image onto the clipboard or on other application programs running on the Windows environment.
	✂	Cut	To cut the selected area for use in a teaching material To move, adjust the size of, rotate, or delete the cut image To double click on the cut image to fix and write on
	🅔	Internet search	To convert the selected area into characters, for which a search is possible on the Internet.
	OCR	OCR	To extract the selected area of an image into a text that can be saved in a file.
	🅰	Translation	To translate the language selected in OCR option (The related setting: III. 3. Custom setting/ OCR option)
		Comparative screen	To divide the monitor into two, where one screen shows a captured image while the other displays a real-time video. The screen ratio can be adjusted by moving the central bar.
	🔄	Refresh	To refresh the left and light sides on the screen
	🔍➕ 🔍➖ Enlarge/Reduce		To enlarge/reduce the viewing screen by the mouse wheel or the icon. To drag the mouse to move the screen
		OCR: Optical Character Reader	To convert the contents of the book on the screen into a text and save it This function is possible only on a computer on which the OCR license has been installed.
	🇩🇪 🇺🇸 🇯🇵 🇨🇳(S) 🇨🇳(T)		To select a language to convert before conversion German/ English/ Japanese/ Chinese (Simplified)/ Chinese (Traditional)
	📄 📄 📄		To select a format among PDF, WORD or TXT
	📄	Text copy	To copy characters onto the clipboard for later use on another application software such as WORD or PPT
	📁	Open Doc	To open "OCR Documents" folder and confirm converted documents
	🔊	TTS Learning	TTS is not provided.

	Application program	To execute an application program linked to VisualTable.
	e-Book	To scan books and create e-Books
	TTS	TTS is not provided.
	Web drive	To use cloud service drive (e.g. google drive). The registered site will pop up by click of "U" button.
	Image Edit	To edit the currently viewing page in an Image Edit program. The use of a specific edit program requires a separate registration; otherwise, Mspaint will be executed at default. (The related setting: Custom setting/ Program options/ Image Edit Program)
	Exit	To escape from the Area Select tool
	Writing mode	To change modes to allow writing on the currently viewing page. When the mode is changed, attribute bars (brightness/contrast and line width/color) appear. Click on either L L / R R to exit the writing mode and get a new page.
	Move	To drag the mouse to move the viewing page
	Figures	To draw figures including lines, rectangular, circles and planes
	Normal eraser	To erase areas on the line where the eraser comes in contact.
	Complete eraser	To erase all the contents written on the page.
	Image Open	To get a new image in the writing mode. It is possible to write on the new image or convert a specific area into text by using "Area selection" and then "OCR" button.

4. Creating eBook

The VisualTable scanner enables user to scan texts or reference books conveniently and produce eBooks in the PDF file format.

Main menu panel: App → ≥e Go to the Creating eBook program.

(1) Browse Creating eBook program
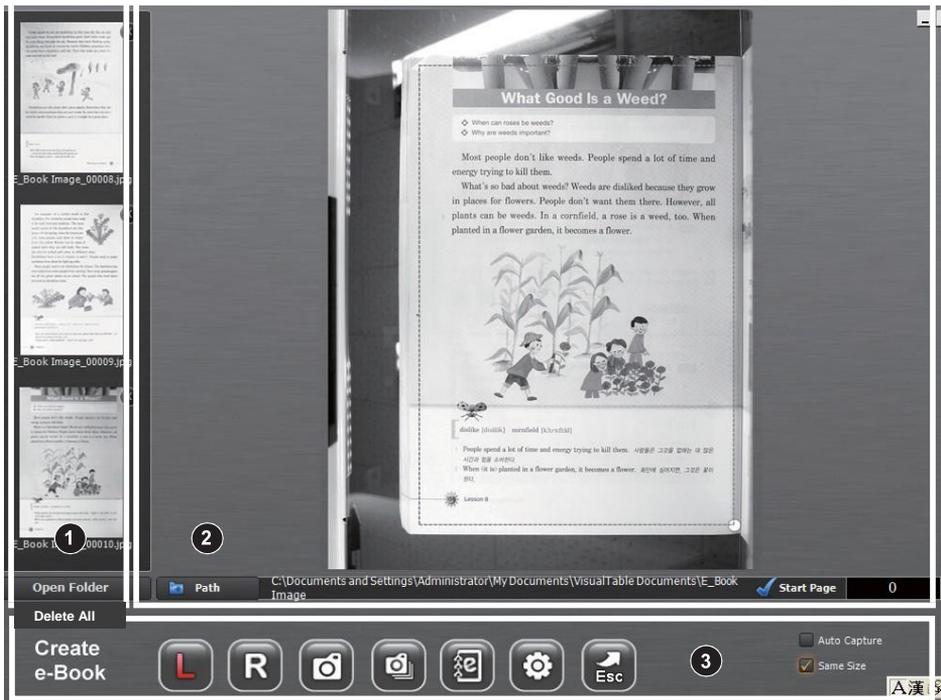
< Creating eBook program >

1 Saved image lineup window
2 Real-time image/ Scan area specifying window
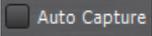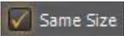**3** Function button window

1 Saved image lineup window

E_Book Image_00008.jpg	To display the list of scanned images **X** To delete the saved image File name: the folder name + sequential number
Open Folder	To get the folder of saved images and check them
Delete All	To delete all the files in the folder. In the event of sharing VisualTable, make sure to back up all the necessary scanned images for successive scanning in the next time before other users delete all the images by "Delete All" button.

2 Real-time image/ Scan area specifying window

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	To show the page of a book to be scanned and specify scan areas for saving. - Drag the mouse to move about the Area Select window (the dotted box). - Click on a circle at a corner of the Area Select window to drag and adjust its size. - Scanning is executed only on the marked area, which can be saved for later use. - Saving the image by double click of the inside of the scan area in creating eBook (Folder setting: Custom setting/ Program options/ Documents Folder)
Path	To select the folder to save scanned images for creating an eBook file. Scanned image files are automatically numbered. File name: the folder name + sequential number
Start Page	To input a beginning number; this will increase by one at each scanning. File name: the folder name + sequential number counting from the beginning number (It is helpful to creating pdf file by having the successive numbers for the previous scanned files.)

3 Function button window

L	Left	To go to page on the left side and show it
R	Right	To go to page on the right side and show it
Capture icon	Capture	To scan and save the currently viewing page
Automatic capture icon	Automatic capture	To save left and right pages in image file format. The currently viewing page is saved first and then the opposite page follows. The path is assigned to "E_Book Image" save folder. The opposite page will be saved after the first pages is completed, waiting for an interval set in "Delay Time" (Custom Setting/ Camera options). In the event that scanned images are dim and blurry or their brightness is not uniform, you need to extend the scan delay time 5 seconds at default.

	Creating eBook	To convert saved images and create eBook in a text type PDF file. - Text type PDF file: Possible to copy and paste in a general pdf software (Image type PDF file: Not possible to copy) - Maximum pages possible to be converted into one PDF file: 300 pages. (In the event of scanning a book with over 300 pages, create a pdf file per 300 pages and then combine all the related pdf files.)
	Custom Setting	User can select Camera options, Program options or OCR options and have a necessary setting.
	Exit	To close "Creating eBook" program
Auto Capture		When the check mark is displayed in the box, press either L L / R R to move to the left or Right side and save the image. The saving is carried out according to a preset Scan Delay Time established under Configuration. (Custom Setting/ Camera options/ Delay Time)
Same Size		To make the left and right Area Select boxes equal in size based on the left side when the check mark is displayed in the box. Adjustment of a size is possible only in the left side.

(2) Scan order for the Creating eBook program

① Click on **c** 'Save Folder' and assign the path of a folder where images for eBook are saved
② Click on **g** 'View Right Side' and on **d** , giving the book an area (in green dotted line)
③ Click on **f** 'View Left Side' and on **d** , giving the book an area (in red dotted line)
④ Click on **e** 'Beginning Page' to enter the beginning number.
⑤ Click on **i** to save the left and right sides automatically; click on **h** to save the current page.
   Turn pages to repeat the function.
⑥ Click on **j** to convert saved images and create eBook in a PDF file.
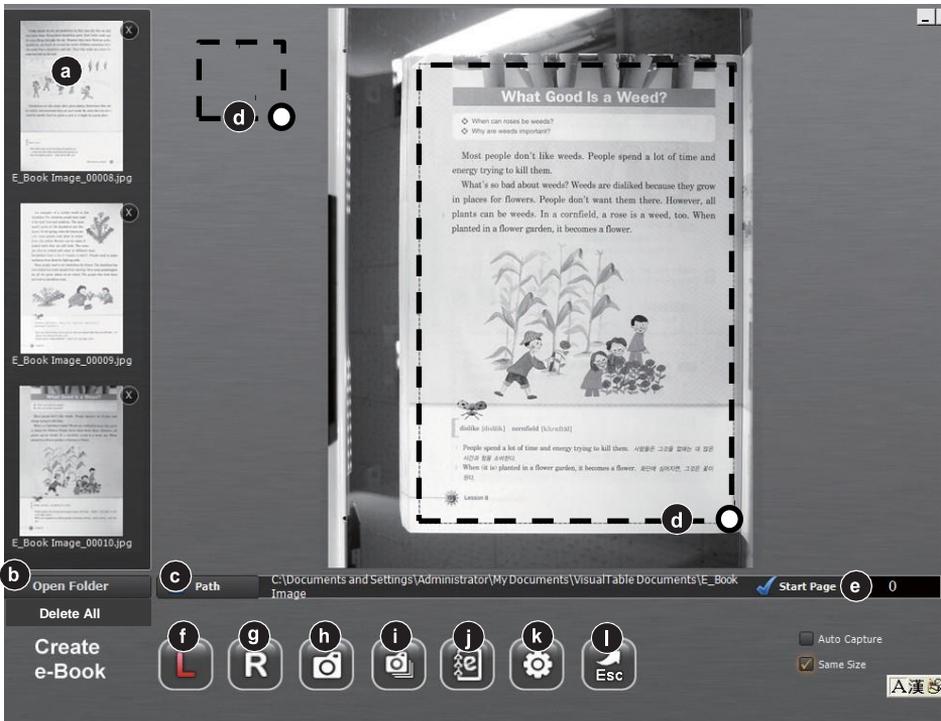
a	Saved image lineup window	**g**	View right side
b	Folder open	**h**	Save current image
c	Save folder	**i**	Save left/ right images
d	Area select window	**j**	Create eBook in a PDF file
e	Beginning page	**k**	Configuration
f	View left side	**l**	Exit

5. Precautions to take before reformatting PC

Only one validation attempt is allowed per license of OCR. If you need to reformat your PC, please refer to following instructions to back up the license information of your OCR. In the event of your negligence of this instruction, supplier has no responsibility for the related OCR issue.

(1) If you want to reinstall on the same PC after reformatting the PC.
- Steps to back up the OCR license key
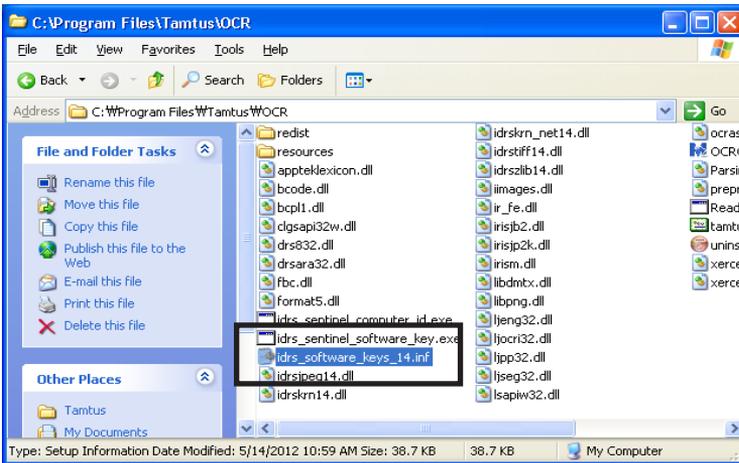
- Step 1: Find the file of "idrs_software_keys_14.inf" in the OCR folder

  (C Drive→ Program Files→ TAMTUS→ OCR)

- Step 2: Back up the file of "idrs_software_keys_14.inf"

- Step 3: Reformat the PC → Reinstall your OCR → Paste the file inside the same folder.

(2) If you want to install OCR on a different PC

Refer to the link "http://blog.naver.com/smartbookscanner".

 * Make sure you keep OCR license serial number on the case cover of Set-up CD in order to handle all the reinstallation issue with supplier. In the event of your negligence of this instruction, supplier has no responsibility for the related OCR issue.