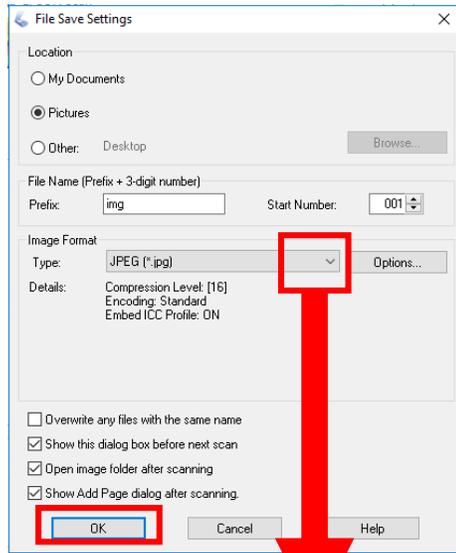


# Colorio Scanner (GT-S650) Usage Procedure "Advanced 1"

\*Check the basic scanning instruction and make changes where applicable\*.

## Change the "Image Format"



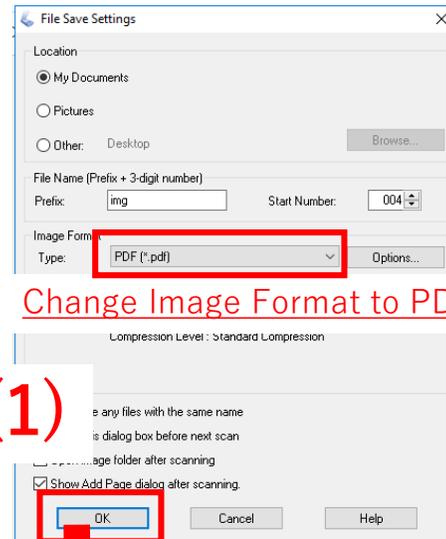
To change the image format, use ▼ to select



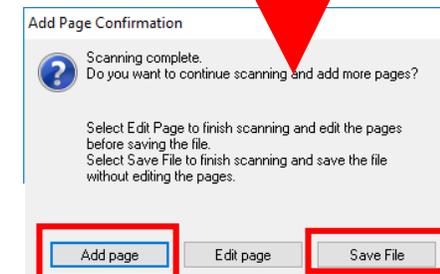
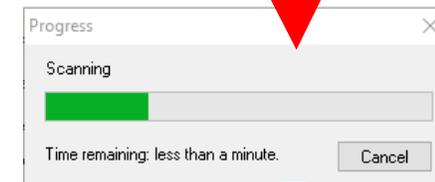
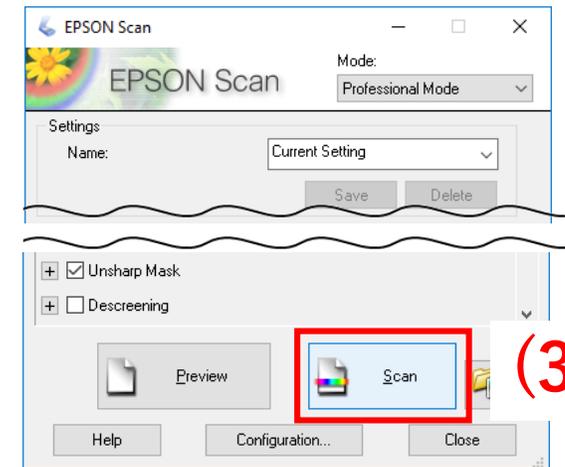
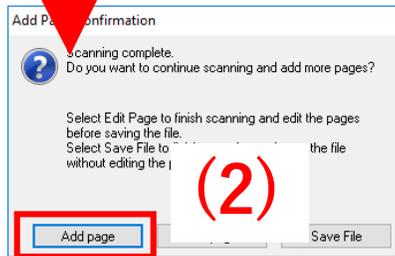
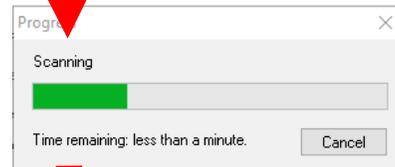
Can be changed to BMP/JPEG/TIFF/PDF

**Be sure to save the files and folders in "My Folder".  
Data saved outside of My Folder (O drive) ("Desktop", "Library",  
"Temporary Users Folder") will be deleted after logging off.**

## Combine multiple drafts into a single PDF file.



Change Image Format to PDF

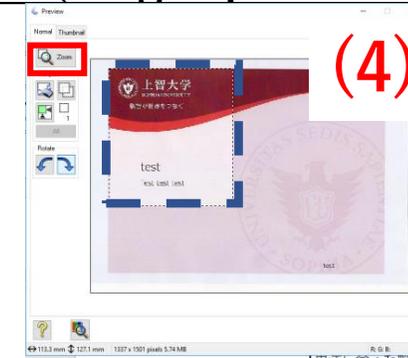
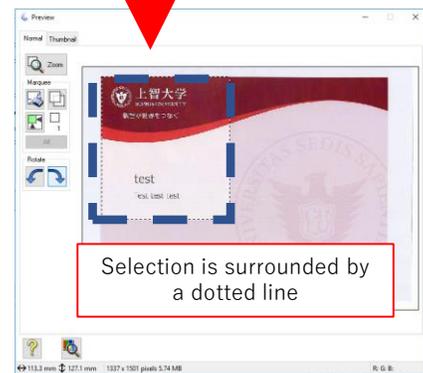
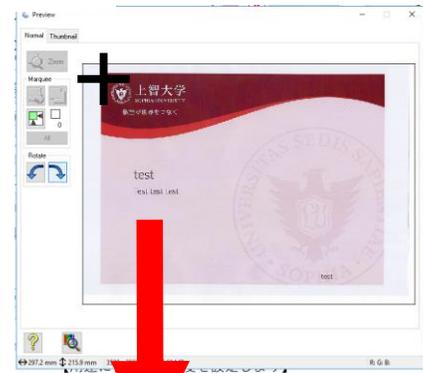
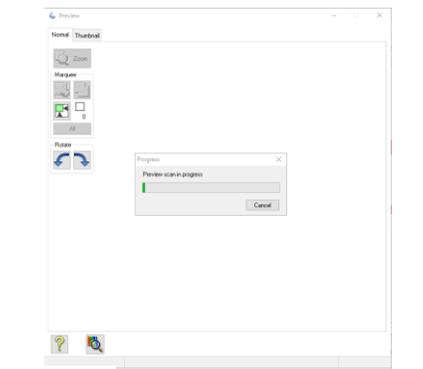
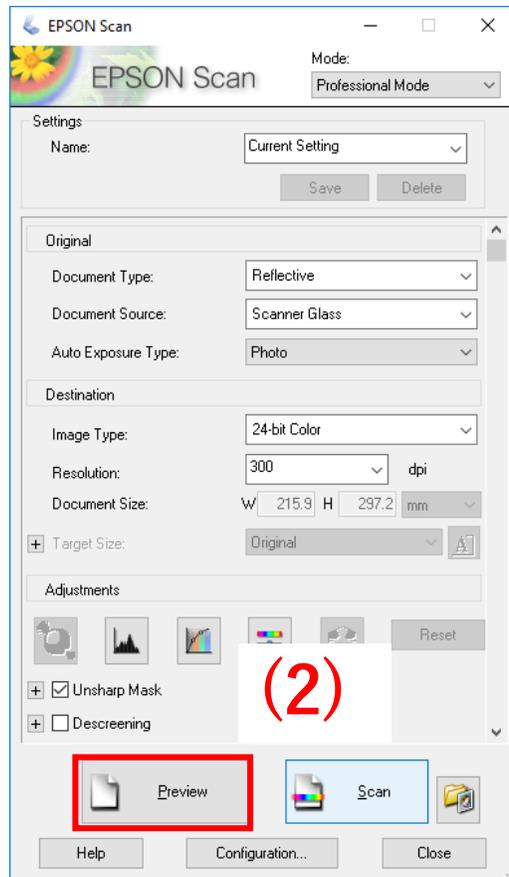
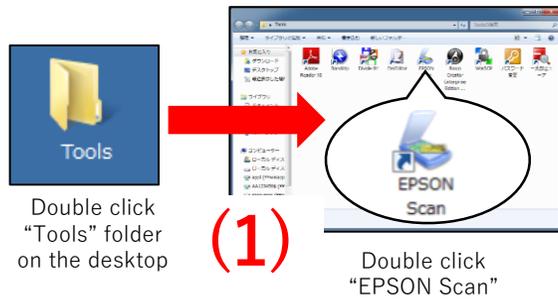


\*Repeat steps (1) through (4) until the object to be scanned is completed.

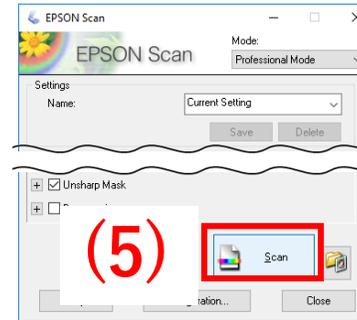
\*When all scans are complete, click "Save File"

# Colorio Scanner (GT-S650) Usage Procedure "Advanced 2"

## Scan a portion of the original document (range specification).



If the selection is correct, click "Zoom" To adjust the range, move the cursor over the dotted line.



※The area around the capture range is also displayed, but it disappears when scanning.

Be sure to save the files and folders in My Folder. Data saved outside of My Folder (O drive) ("Desktop", "Library", "Temporary Users Folder") will be deleted after logging off.

# Let's set the right resolution for your application.

The higher the resolution, the more pixels there are and the finer the image. However, the higher the resolution, the cleaner it is. Refer to the table below to set the resolution that suits your needs.

Purpose of use	Approximate resolution	Description
Send Email	96 to 150 dpi	If the resolution is increased beyond the guideline, it will take longer to send and receive e-mails, and the recipient of the e-mails will be overloaded. Please set the resolution so that the data is as small as possible.
OCR (Optical Character Recognition)	400dpi	Increasing the resolution beyond the standard resolution will not improve the recognition rate of text. If the recognition rate is not good, adjust the threshold. Adjusting the threshold will give better results.
Fine Printing with Inkjet Printers	150 dpi (for color and gray images) 360 dpi (for black and white line art)	The approximate resolution is sufficient. Increasing the resolution beyond that will not improve the print quality.
Photo/Superfine printing on inkjet printers	300 dpi (for color and gray images) 720 dpi (for black and white line art)	In fact, it will slow down the scanning/storage/loading/printing of images due to the increased data volume.
Printing on laser printers	200 dpi (for color and gray images) 600 dpi (for black and white line art)	
Display	96dpi	Typically, the resolution of a computer screen is around 70-90 dpi. So, for example, if you scan an image for wallpaper or a desktop picture at 150 dpi, the image will be out of the screen.
Text-searchable PDF creation	200 to 400 dpi	Even if the resolution is raised above the standard resolution, the recognition rate of text will not improve.

Also, the higher the resolution, the more hard disk/memory space is required.

Below are the image data capacities for each resolution.  
All numbers are approximate values.

Manuscript Types	Manuscript Size	Resolution		
		150dpi	300dpi	600dpi
Color Photographs	* L size	1.1MB	4.3MB	17.4MB
	A4	6.1MB	24.5MB	98.0MB
Black and White Photo	* L size	0.4MB	1.4MB	5.8MB
	A4	2.0MB	8.2MB	32.6MB
Text manuscript/line drawing	A4	-	1.0MB	4.0MB

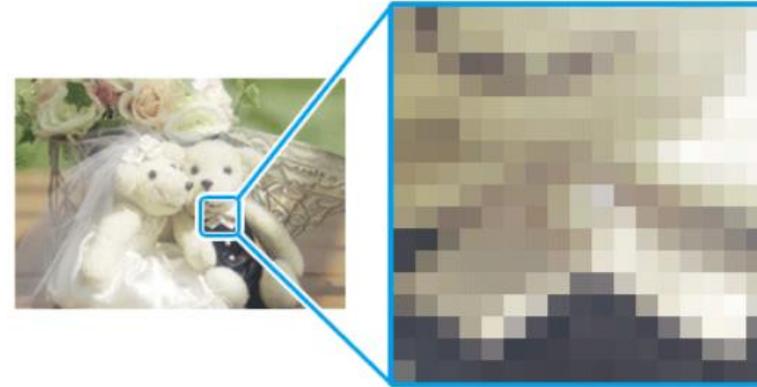
A doubling of the resolution results in a roughly four-fold increase in data capacity.

\*The approximate capacity of the image to be scanned is displayed at the bottom of the EPSON Scan preview screen as the image size (pixels) and data capacity.

\*The hard disk must have at least twice as much free space as the image data capacity to be scanned.

## What is resolution?"

If you look at a scanned or printed image under magnification, you will see that it is a collection of dots. These are called dots, and resolution is the density of the dots.



The more of these dots there are (higher resolution), the finer expression is possible. The unit used to indicate this resolution is "dpi" [dots per inch (25.4 mm)], which indicates how many dots are contained per 25.4 mm (1 inch).

低解像度の画像データ



高解像度の画像データ

