Auto Enhance Manual（Ver. 1.0）

Introduction

We often encounter the photos taken by the digital camera which are dark and dimmed. This software provides a unique method for the needs like that "I want to adjust the light level" or "I want to enhance the tone." Besides, the software accepts a need that "I want to save the multiple adjusted photos all at one go."

About Auto Enhance Methods

This software can load image files, then adjust the intensity level of image data. The adjusted image data can be saved as the image files. This document says "Auto Enhance" for this intensity adjustment, as below.

The software has 3 methods for Auto Enhance, as below.

① Auto Enhance

The unique method which allocates intensity resolutions according to pixel counts for referred intensity value.

② Gamma Correction

Generally described gamma correction.

③ Mixed

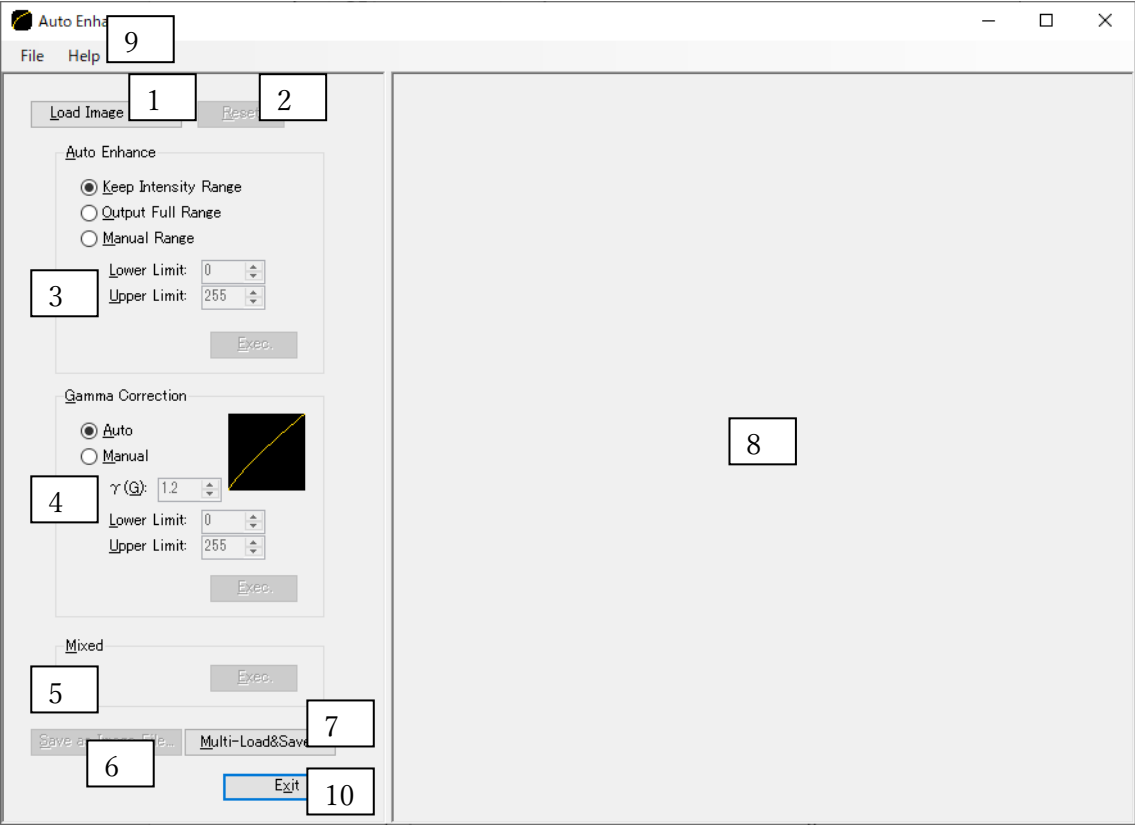Mixed by previous① and ②

Operation Environment

＊Windows10 64bit, or later

＊.Net Framework4.8
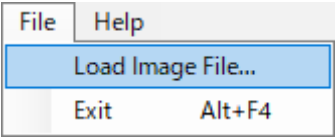
Installation Method

There isn't installer. Copy the software-folder to any local directory, then execute the software(AutoEnhance.exe).

Software Function Description

1. Load Image File

    The software loads an image file. The image will be displayed on Display Pane(8).

    This can be available from File Menu.

    Besides, dragging and dropping an image file can be available.

2. Reset

    The display(8) will be returned to the state(1) when the image file was loaded.

3. Auto Enhance

    As clicking the button "Exec", Auto Enhance(①) will be executed for the intensity value range between "Lower Limit" and "Upper Limit." At this moment, there are 3 methods to specify the upper and lower limit.

Keep Intensity Range	Keep the source image's maximum and minimum intensity value, then output.
Output Full Rane	Scale the source image's maximum and minimum intensity to full range(0～255) for output.
Manual Range	Specify the upper and lower limit of the source image's intensity value by manual, then output to full range(0～255).

4. Gamma Correction

    Clicking the button "Exec" execute Gamma Correction(②). Gamma Correction will be applied for the intensity value range between "Lower Limit" and "Upper Limit."
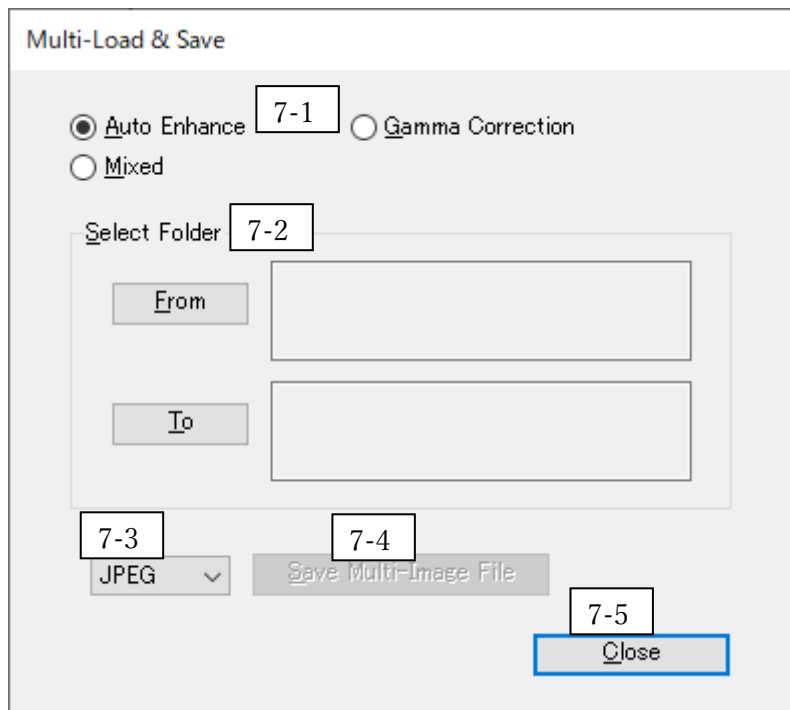
5. Mixed

    The software outputs by mixing Auto Enhance(3) and Gamma Correction(4). Click the button "Exec" to execute.

6. Save as Image File

    The software saves the image executed by Auto Enhance(3～5) as an image file.

7. Multi-Load&Save

    The dialog which enhances the multiple image files all at one go, then outputs them, will be displayed. It is necessary to specify the source storage folder and the destination storage folder on the dialog view top.

7-1. Select Auto Enhance Method

Select Auto Enhance method(3〜5).

7-2. Select Folder

Clicking the button "From" specifies the source storage folder, and clicking
the button "To" specifies the destination storage folder. Dragging and dropping
the folder to a right pane of each button can be available.

7-3. Select Image Format

Select the image file format of the image files.

7-3. Save Multi-Image File

The multiple image files in the source storage folder will be executed by
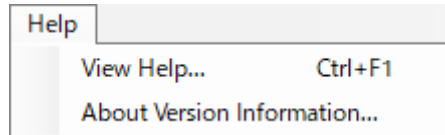Auto Enhance(3〜5) , and will be saved to the destination storage folder,

7-5. Close

Close this dialog.

8. Display Pane

This pane is for displaying the image. Loading the image file can be available by dragging and dropping.
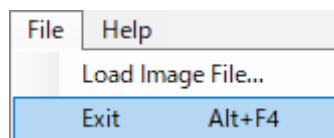
9. Help

View Help	Display Help(this document).
About Version Information	Display Version information.

10. Exit

Exit the software. This can be available from File Menu.

Terms of Service

This software is freeware. AO Quest does not take any responsibility for the damage caused by the software.

Inquiry

Please visit the following URL for the bug or the request.

https://ao-quest.com/