

KSuse
Sender
SOFTWARE

2.0.0

Content

System requirements	3
Description of the program interface	4
Gallery	4
General settings window.....	6
E-mail Settings Window	8
Windows “Templates”	8
Window "Additional Settings"	9
Email Settings Window.....	10
Database window.....	11
Branding Settings Window.....	13
Tab "Main"	14
Tab "Chromakey"	15
Tab “Hot folders”	16
Used libraries.....	17

Use only English letters, numbers, point, hyphens, underscores in the names of paths, folders, files!

System requirements

Compatibility: Windows 10 x64.

Required software:

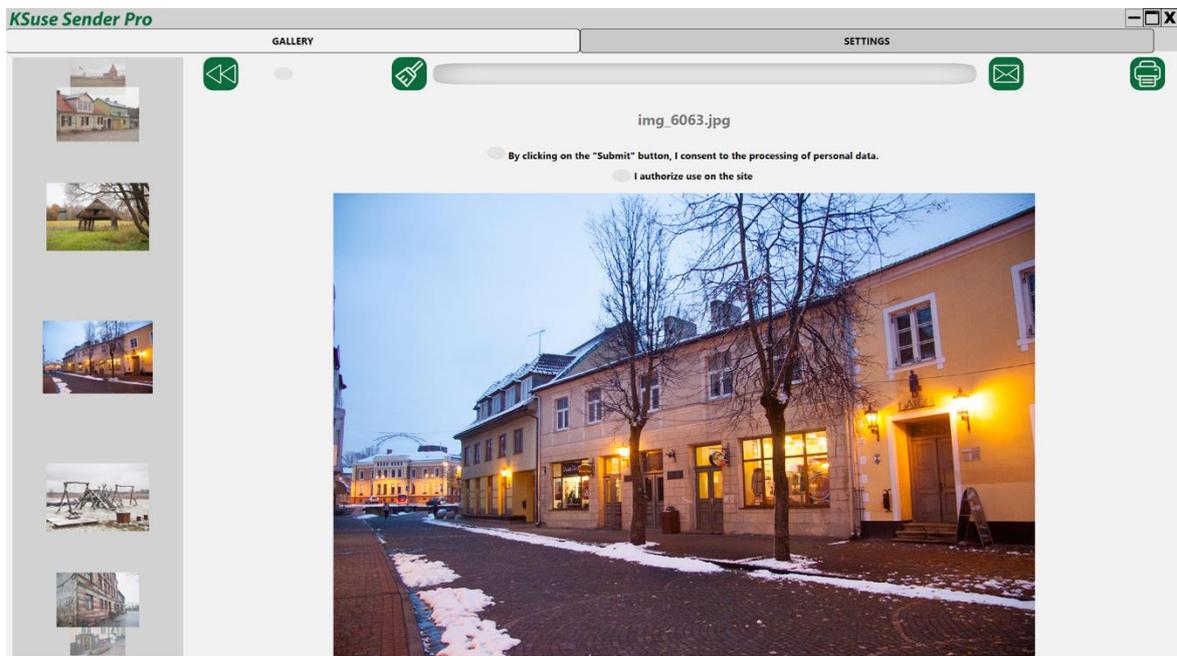
1. .NET Framework 4.7.2 and above. <https://dotnet.microsoft.com/download/dotnet-framework-runtime>
2. Codec x264. Recommended K-Lite Codec Pack Mega. https://codecguide.com/download_kl.htm

Additional software (may need to be installed):

1. Microsoft Visual C ++ 2015 Update 3 redistributable component (both x86 and x64 versions): <https://www.microsoft.com/en-us/download/details.aspx?id=53587>

Description of the program interface

Gallery



Photos and videos are added to the gallery immediately after the files appear in the monitored folders.

When you click on the image in the upper slider, it opens the corresponding video in the viewing block.

An email address is entered in the field (focus is always on it, there is no need to place the cursor in the field for keyboard input).

A button with a broom icon is used to clear the field with the mail address.

Only files created or modified in the last 12 hours (by default) are displayed in the gallery!



- enable / disable automatic rewind to the last photo

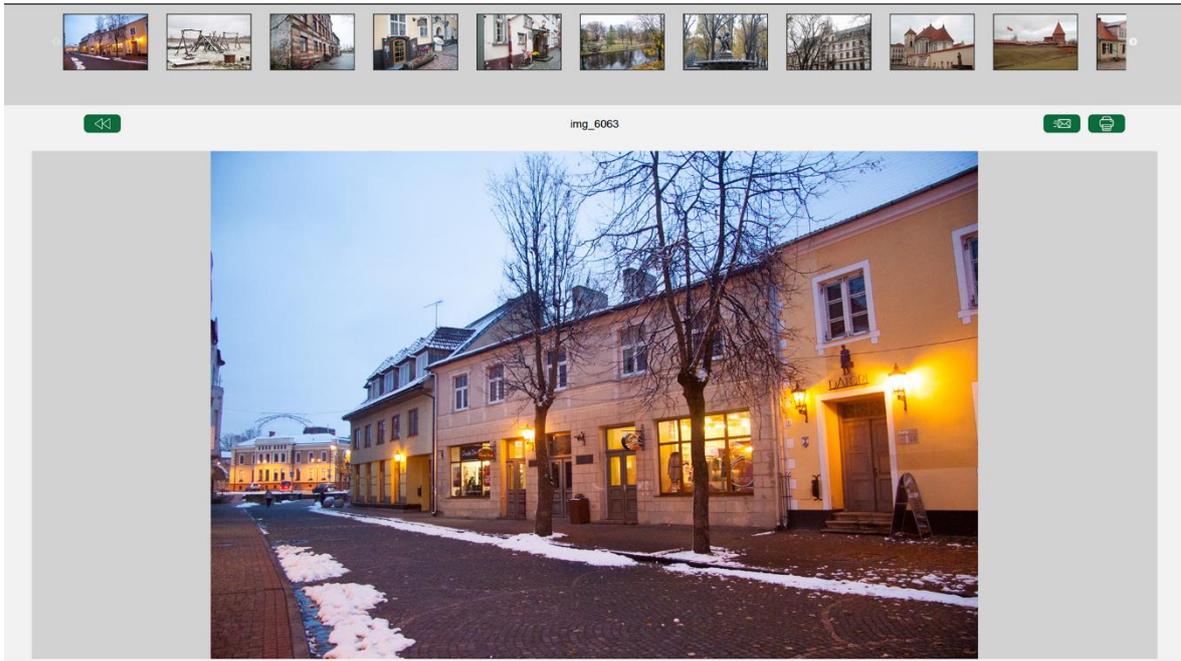


- open the last photo



- clear address

The web version of the gallery is also available.

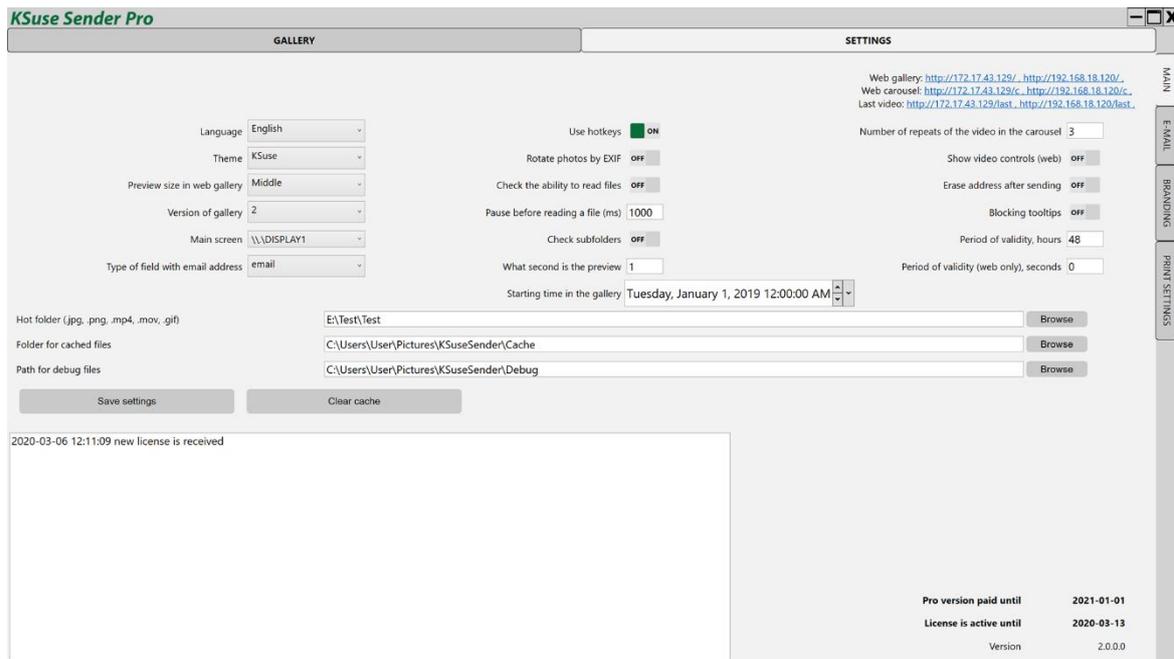


On any device connected to the same network as the computer with the KSuse Sender software, you must open any browser and enter the IP address of the computer with the KSuse Sender software in the address bar.

The web gallery and carousel addresses are displayed in the “Settings – Main settings”.

For the web gallery to work correctly, you must allow access via the TCP protocol for port 80 in the firewall, or disable the firewall.

General settings window



Basic settings: https://www.youtube.com/watch?v=mkbSh_n8quk

Be sure to click "Save Settings" when changing values in this window before switching to another window!

In this window, you can see the links that open the web gallery and web carousel.

“Language” - Select the interface language.

“Theme” - Select the color palette of the interface.

Below is a selection of paths from which the program reads images and videos for the gallery.

A folder with previews (small jpg) is required!

After saving the new values of the paths, you must restart the program!

If your photo installation creates only mp4 files without previews, the program itself creates previews for the video.

In the "What second is the preview" option the number of second of the frame is entered from which it is used as a preview.

"Main screen" - allows you to move the program window to another monitor.

“Version of gallery” - a choice of two layout options for the web gallery.

You can further limit the files displayed in the gallery by setting the start date and time.

The gallery also has another limitation - the number of hours from the current date to the date of creation or modification of the file (the maximum value of them). This quantity can be changed in the field "Period of validity, hours". The default value is 12. Videos older than the specified number of hours will not be displayed in galleries.

"Period of validity (web), seconds" - Videos older than the specified number of seconds will not be displayed on web pages.

You can pause between detecting photos and adding them to the processing queue, which will prevent the addition of temporary files.

For the field types "email" and "text", a different virtual keyboard is displayed. Validation for compliance with the format is used for the field with the type "email", but there is no autocomplete on iOS devices.

"Erase the address after sending" - automatic cleaning of the field with the address immediately after sending.

"Blocking tooltips" - disable autocomplete.

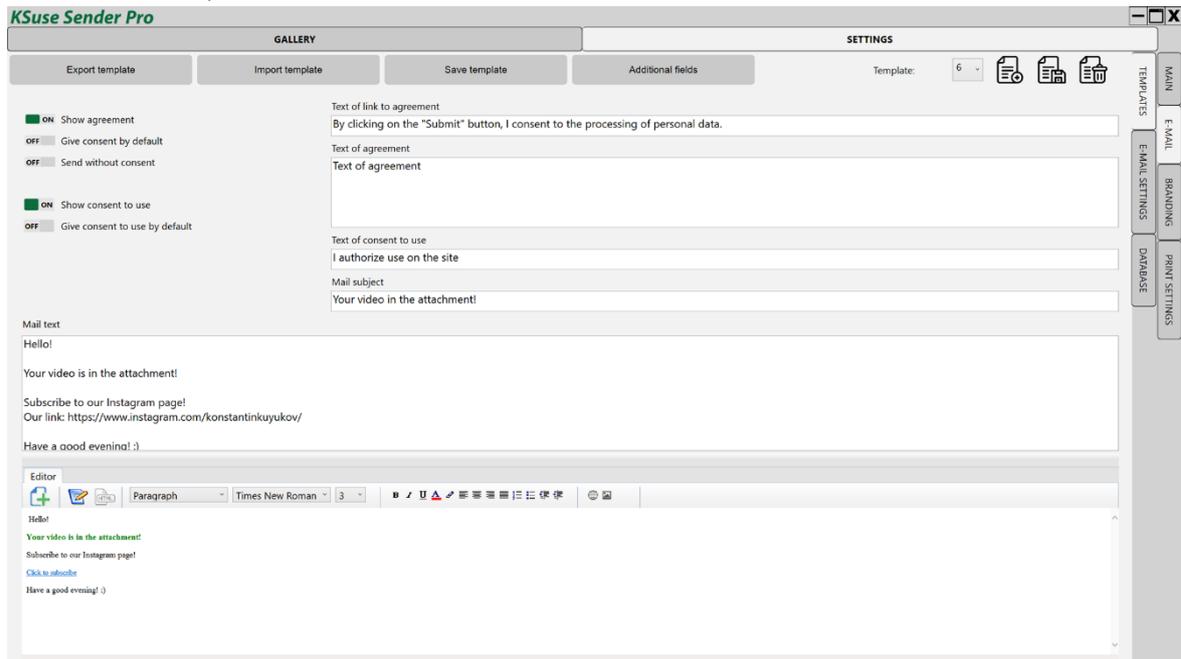
"Show video controls (web)" - displaying controls on the pages "last video" and "carousel".

The option "Check the ability to read files" provides additional preliminary reading of files to check the readability. It is recommended to be used only if you have errors reading files.

"Rotate Photos by EXIF" automatically rotates the photos. It is recommended that you turn it off to avoid memory leaks in the web gallery if you are not using photos taken directly from the camera.

E-mail Settings Window

Windows “Templates”



It is necessary to fill in both text and html version of the letter!

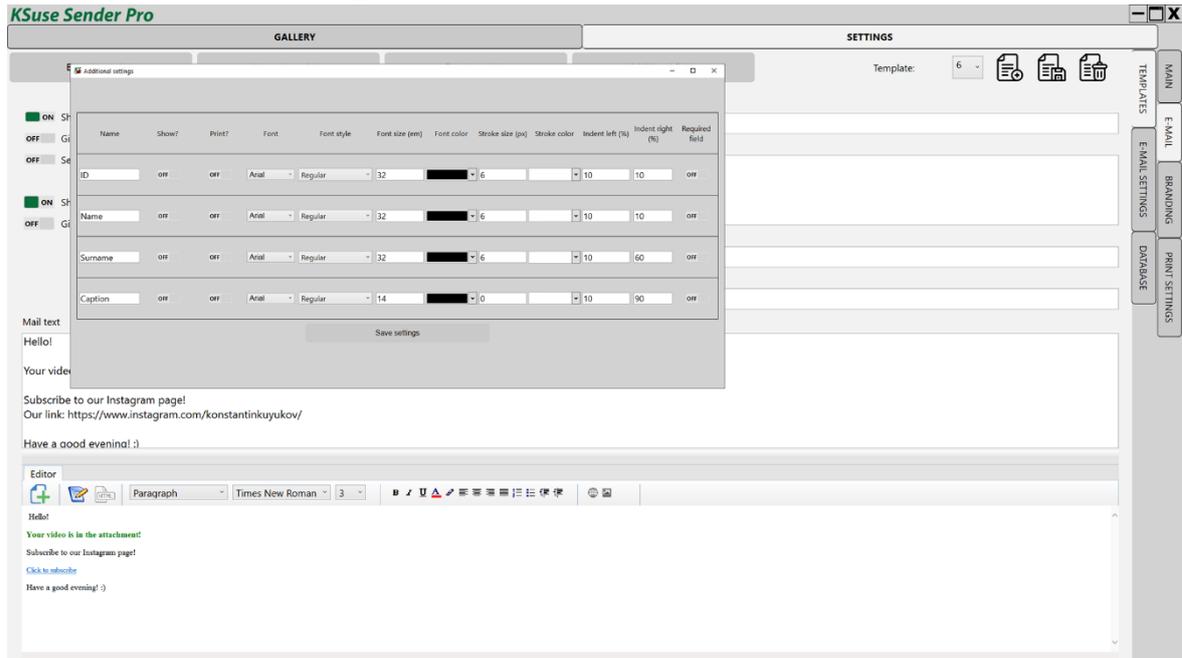
It is possible to obtain two consents from the user. The first of these can be made mandatory.

Emails are sent using the template selected on this page.

When the program starts, the one that was last saved will be automatically selected.

In the Free version, only the latest template is always used.

Window "Additional Settings"



In this window, you can choose which additional data entry fields to display in the web gallery.

The collected data is contained in the exported xls file.

It is also possible to turn on printing of the entered data on photos choosing the position, font, and color of labels.

Additional fields can be renamed and made mandatory.

Email Settings Window

The screenshot shows the 'Email Settings Window' in the 'Ksuse Sender Pro' application. The window is divided into a 'GALLERY' tab and a 'SETTINGS' section. The 'SETTINGS' section is currently active and contains the following configuration options:

- Save settings** (button)
- Enable sending**: ON
- Automatically resend**: ON
- Send through SendGrid**: OFF
- SendGrid API Key**: [Masked with dots]
- SMTP timeout (in seconds)**: 180
- Mailbox**: 7 (with icons for mailbox management)
- From <email>**: Konstantin7 <yakonrus@gmail.com>
- Mail server**: smtp.gmail.com
- Login**: yakonrus@gmail.com
- Password**: [Masked with dots]
- Smtp port**: 587
- SSL (TLS)**: ON

A vertical sidebar on the right side of the window contains navigation buttons: MAIN, E-MAIL, BRANDING, E-MAIL SETTINGS, DATABASE, and PRINT SETTINGS.

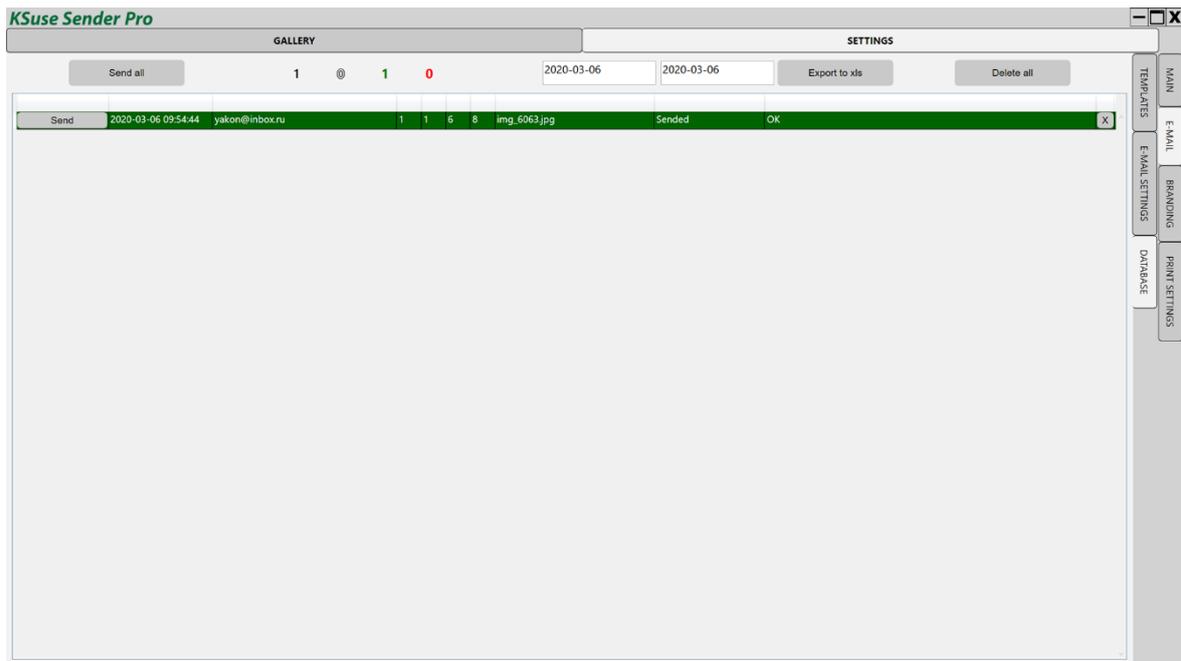
To send via SendGrid, you need to create an API key in your account and copy it to the program settings.

The “Automatic resending” option allows automatic repeated attempts to send messages with the “Error” status. Attention! Sharp increase in traffic volume with unstable internet connection is possible.

When entering the data of several mailboxes, the program will send letters in turn from each. **In the Free version, sending is done from only one mailbox.**

In the "Email From" field, you must enter the e-mail from which the sending will be made. It is possible to specify a display name and in square quotation marks an email. When using an SMTP server, the email address must be exactly the same as in the settings of the mailbox being used.

Database window



In this window, you can see the status of all sent letters in the selected date range and resend if necessary.

The width of the columns can be changed by moving the separators in the table header.

The "Send All" button re-sends all emails for the specified date interval except those already sent.

In the table you can change the email address of the recipient and the number of the template.

"A" - whether consent was given to the processing of personal data

"U" - was consent to the use of the video given

"T" - letter template number

"M" - mailbox number

You can delete an error line by selecting and pressing the Delete key, or by pressing the X button in the desired line.

Black number - total emails

White number - sending

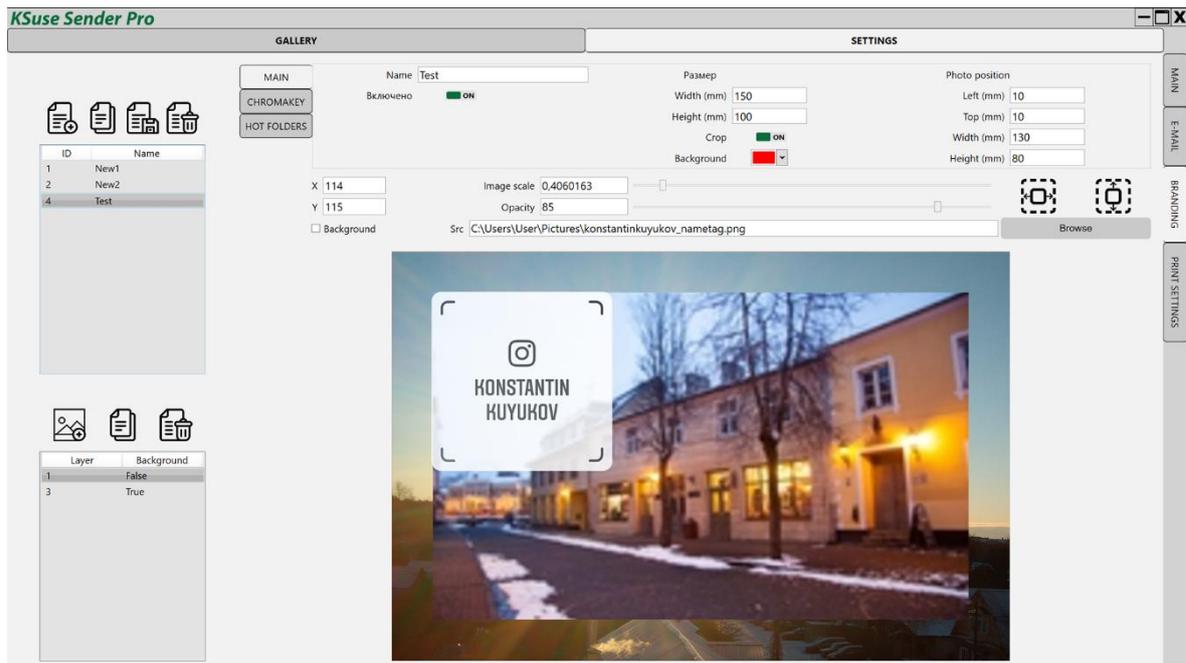
Green number - sent

Red number – errors

If all the specified file types were found, the line gets the green status “Sent”.

If no necessary attachments are found, then the line receives a blue status of “Missing file”.

Branding Settings Window



A set of presets for branding photographs is created in this window.

To apply the settings, you must save the preset!

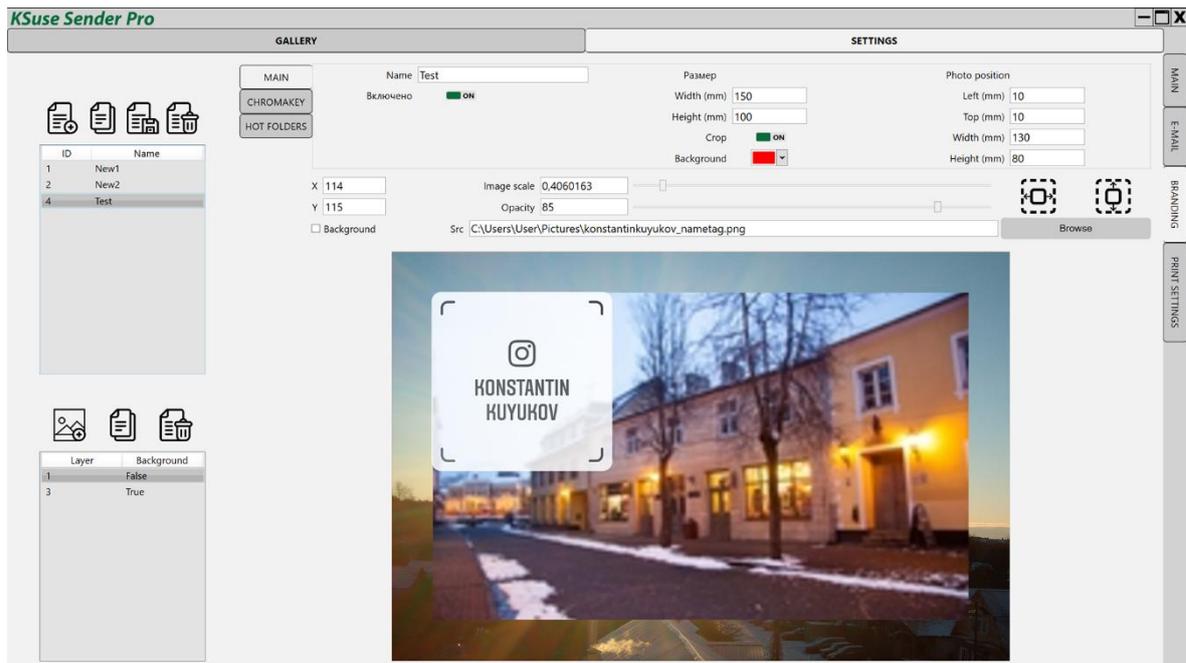
Graphics are added by adding image layers.

If the option "Background" is turned off, the image is overlaid on top of the photo.

When the option "Background" is on, the photo is displayed in areas not taken by the photo and instead of the remote chromakey.

A preview of one of the photos is loaded as a test photo.

Tab "Main"

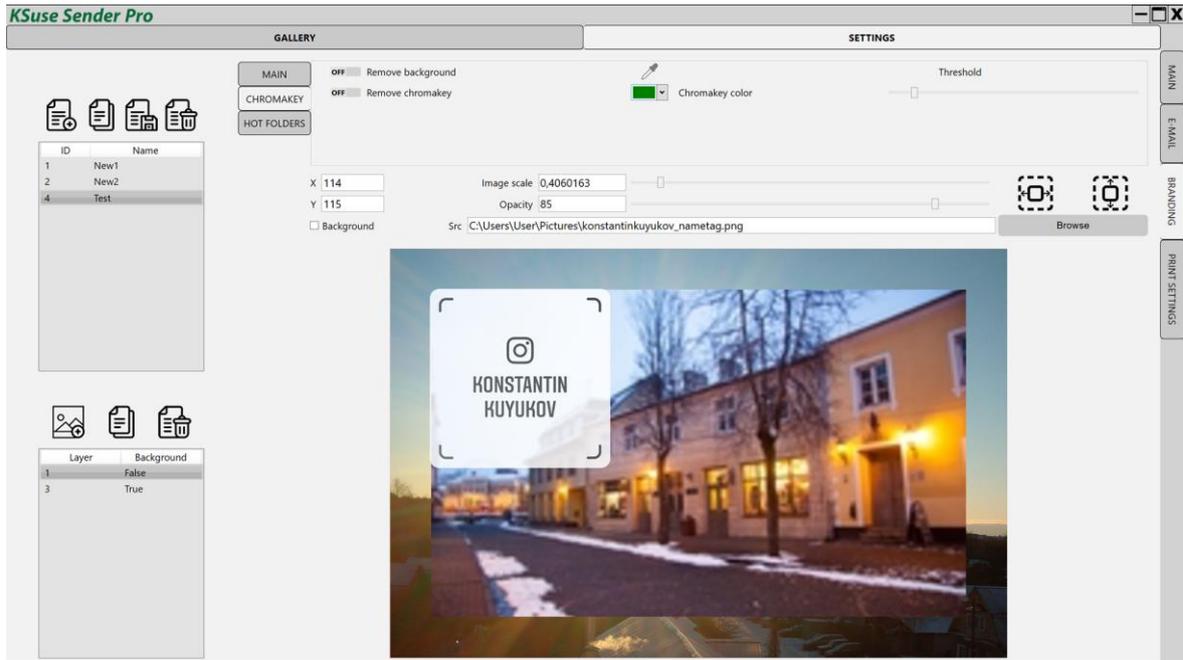


A preset with the “Enabled” option enabled is used for branding a printout.

The generated print size is set (the actual size depends on the printer settings) in this tab, the size and position of the photo on the print.

You can set the background color of the printout outside the photo.

Tab "Chromakey"

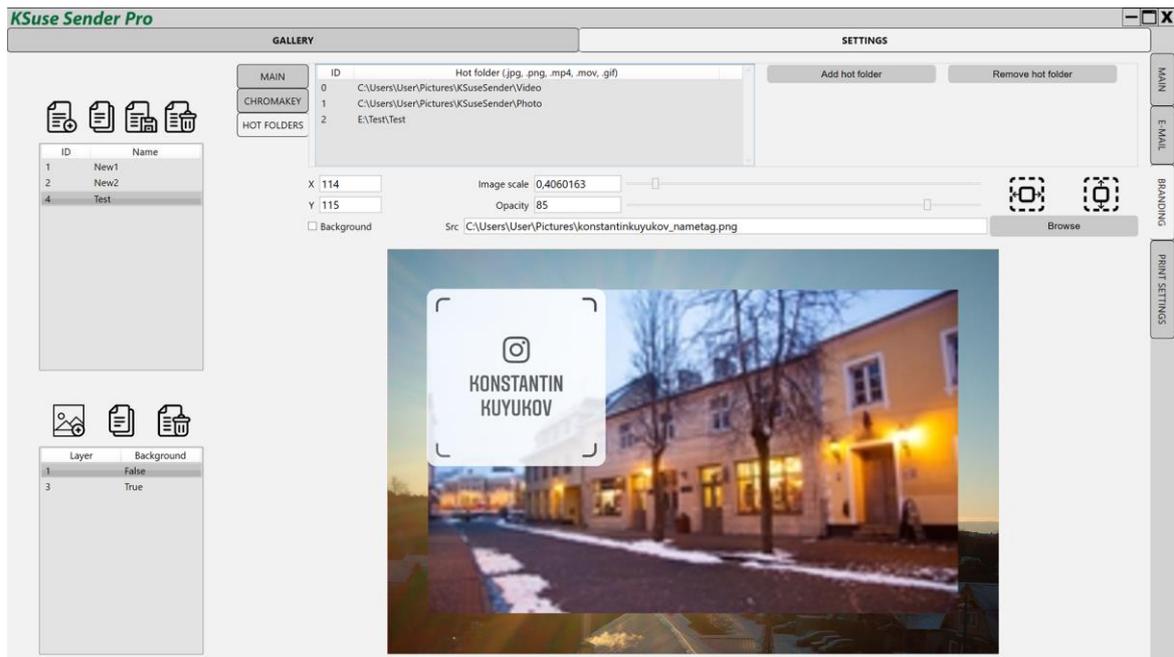


There are two ways to remove a uniform background from photos:

1. Enable the option "Delete chromakey", set the color of the chromakey, set the threshold.
2. Enable the option "Delete background". In this case, the color of a uniform background will be determined automatically. The selected threshold will also be applied for deletion. Attention! The predominant color in the photograph may not only be in the background.

Using the eyedropper, you can take color from the test image.

Tab “Hot folders”



A list of folders in which the program will search for new photos, videos, gifs is set here.

If the file names in different folders are the same, and the creation datetime does not differ by more than 10 minutes, then they are considered one snapshot and will be sent together.

If the list of hot folders is empty, then the folder specified in the main settings is used.

The Free version does not use the hot folders specified here.

Used libraries

Icons made by Freepik from www.flaticon.com is licensed by CC 3.0 BY

<https://www.freepik.com/>

Icons made by Vitaly Gorbachev from www.flaticon.com is licensed by CC 3.0 BY

<https://www.flaticon.com/authors/vitaly-gorbachev>

Icons made by Pixel perfect from www.flaticon.com is licensed by CC 3.0 BY

<https://www.flaticon.com/authors/pixel-perfect>

<https://www.flaticon.com/>

<http://creativecommons.org/licenses/by/3.0/>

<https://github.com/aspnet/EntityFramework6/wiki>

<https://www.newtonsoft.com/json>

<https://github.com/tonyqus/npoi>

<https://github.com/sendgrid/sendgrid-csharp>

<https://github.com/icsharpcode/SharpZipLib>

<https://system.data.sqlite.org/index.html/doc/trunk/www/index.wiki>

<https://dotnet.microsoft.com/>

<https://www.ffmpeg.org/>

<http://www.helix-toolkit.org/>

<https://github.com/dlemstra/Magick.NET>

<https://github.com/codebude/QRCode>

<https://github.com/xceedsoftware/wpftoolkit>