



Photo Editing Software For SL620/DS-Tmini

User manual Version 3.1

Update From 1.5 version

Exclusively for DNP Printers

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1.0 LICENSE AGREEMENTS, TERMS & CONDITIONS

Please refer the original user manual of Snap Lab Plus v1.8 for the following items:

- DS-Tmini Software Licensing Agreement
- Ownership Retained By Licensor
- Disclaimer of Warranties
- Limitation of Liability
- Governing Law
- Terms & Conditions
- Acknowledgments
- ICC Profiles

2.0 EVENTS

Event mode is made to facilitate the professional & event photographers with a fast and easy way to print images.

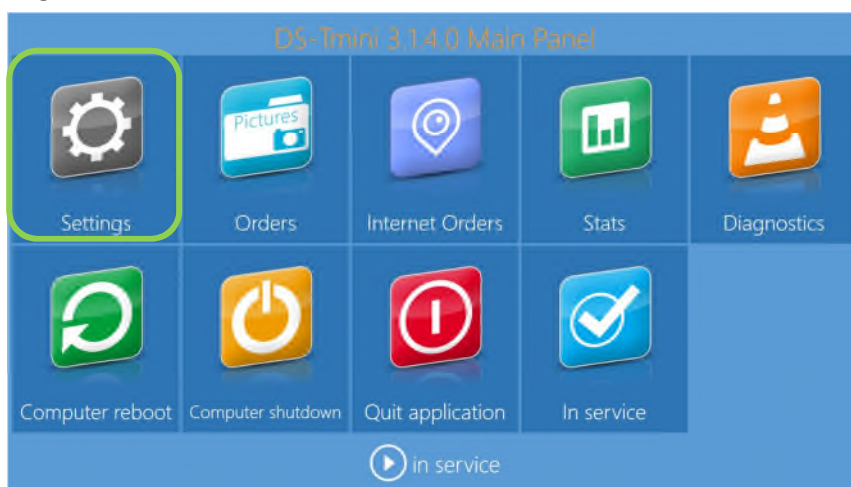
It is based on prints workflow, with possibilities to customize almost all functions in order to provide fastest possible service at the event.

At beginning of workflow there is no product selection screen. Only prints are available so product selection screen is skipped.

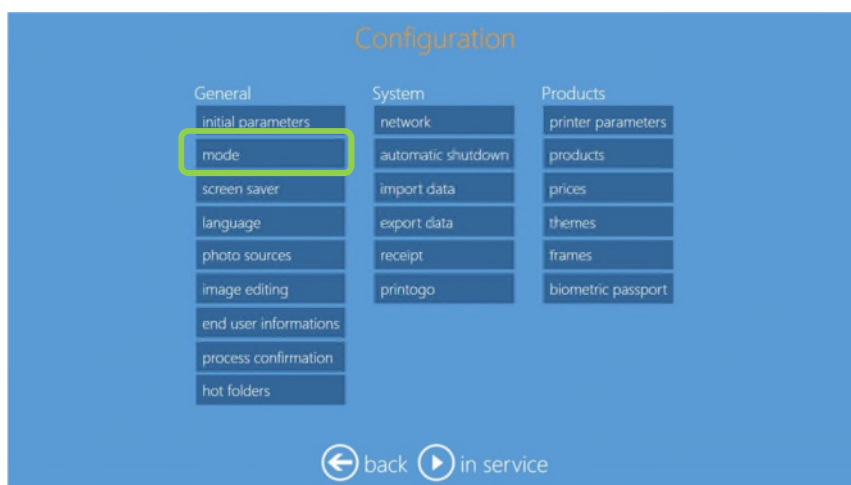
It is possible to load images from all media or only from a specific folder.

Events mode is an alternate mode to the default “kiosk” mode.

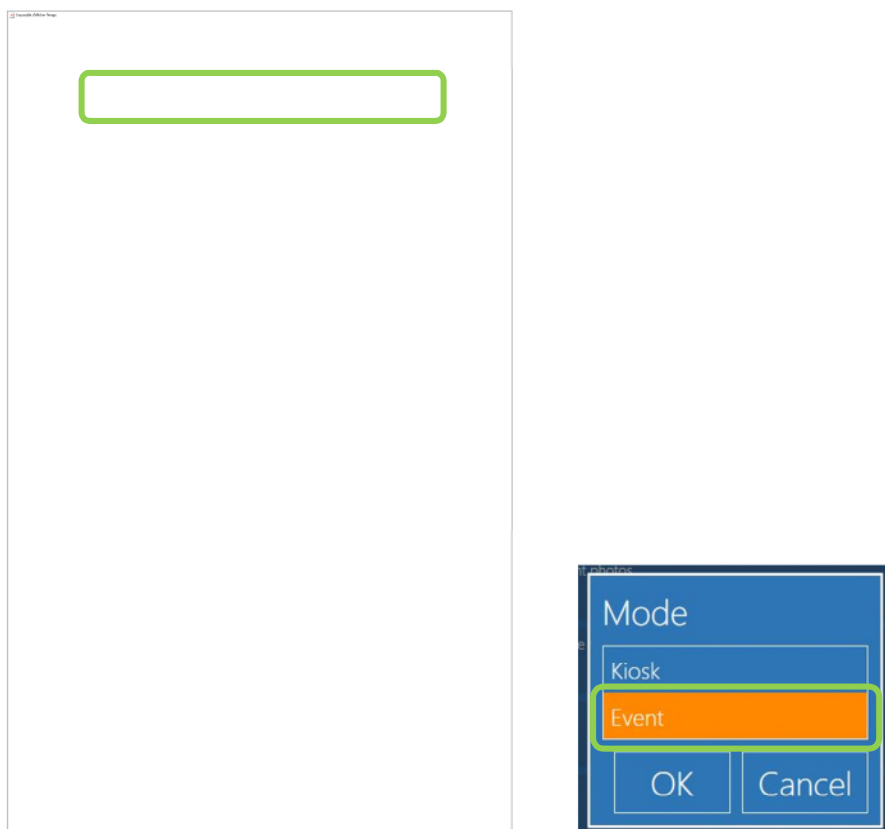
To set Event mode, enter into Control Panel (touching bottom left and then bottom right corner of the screen) and then go to “Settings”,



go to “mode”,



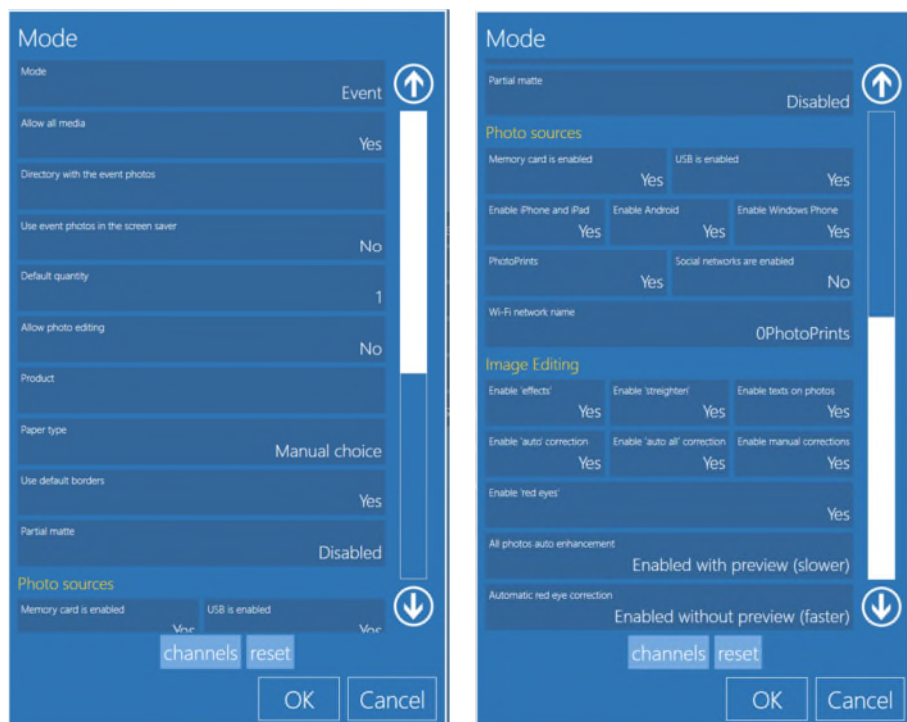
Select “event”



Now the SL620 is set to operate by event mode.

Event mode settings

After selection of event mode, there are some parameters which can be set. Use the scroll bar to reach all parameters.



Description of each parameter:

Allow all media: set Yes or No. If set to Yes, Photo Editing Software will show media loading screen at beginning of workflow

Directory with the event photos: if available, set the folder with images for the event.

If "Allow all media" is set to "No", at beginning of workflow Photo Editing Software will load all images only from this folder.

If "Allow all media" is set to "Yes", at beginning of workflow the image source screen is displayed and the folder will be visible along with image sources selection.



Use event photos in the screen saver: the initial animation will display random images loaded from the folder set for the event.

Default quantity: set default number of prints for each image selected by user.

Allow photo editing: set Yes or No. If set to No, the photo editing button will not be visible.

Product: set to "Manual choice" the Photo Editing Software will prompt user with product selection screen. If a product is selected then this product will be the only one available and user will not be able to choose the product during event workflow.

Paper type: set to "Manual choice" the Photo Editing Software will prompt user with paper finish selection screen. If a finish is selected then this will be the only one available and user will not be able to choose the paper finish during event workflow.

Use default borders: set Yes or No. If set to yes, images will be printed combined with PNG graphics set into the print channel.

Partial matte (For more details, please refer to the partial matte section page 18): select form Disabled / Matte / Fine Matte / Luster. If set one of the 3 possible finishes, it will perform partial matte finish using the graphic set into the print channel.

Photo sources: select Yes or No for each image souce. This will show or hide the corresponding button on image source screen.

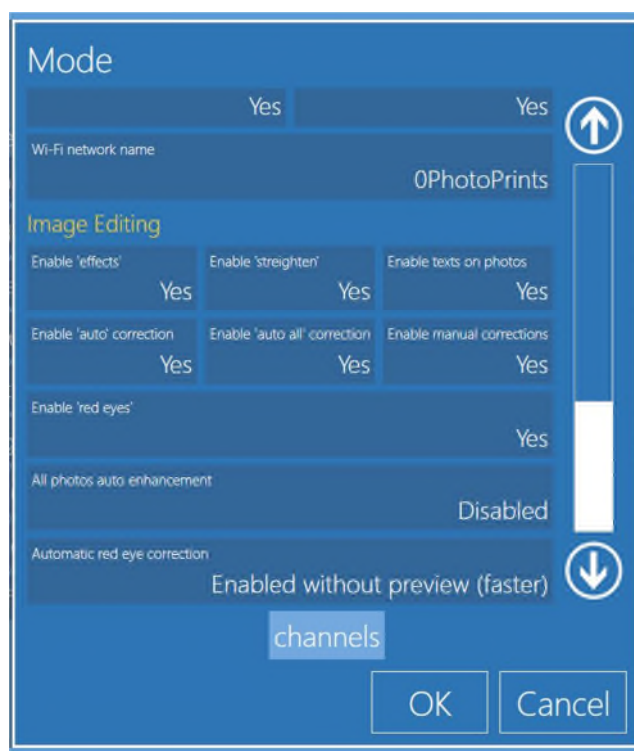


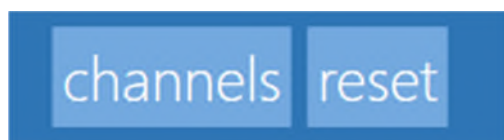
Image editing: this is same as settings of kiosk mode. These settings will affect both Event and Kiosk modes.

Channels:

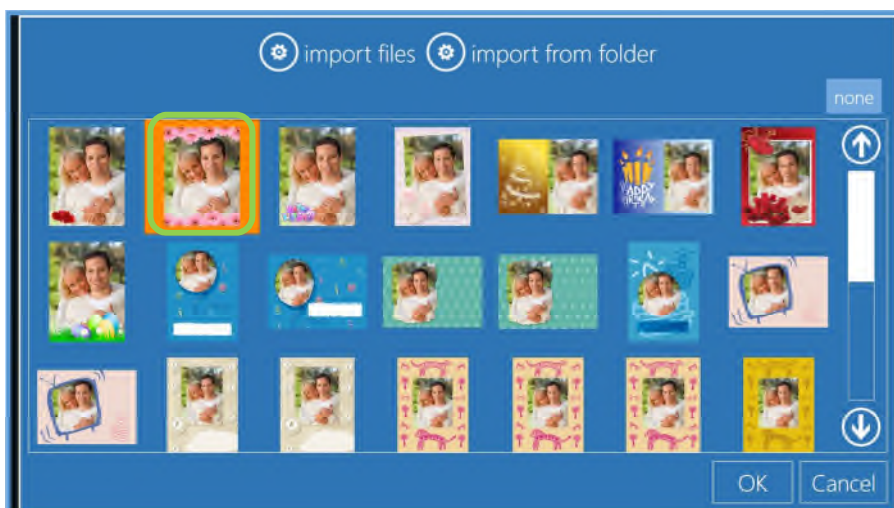
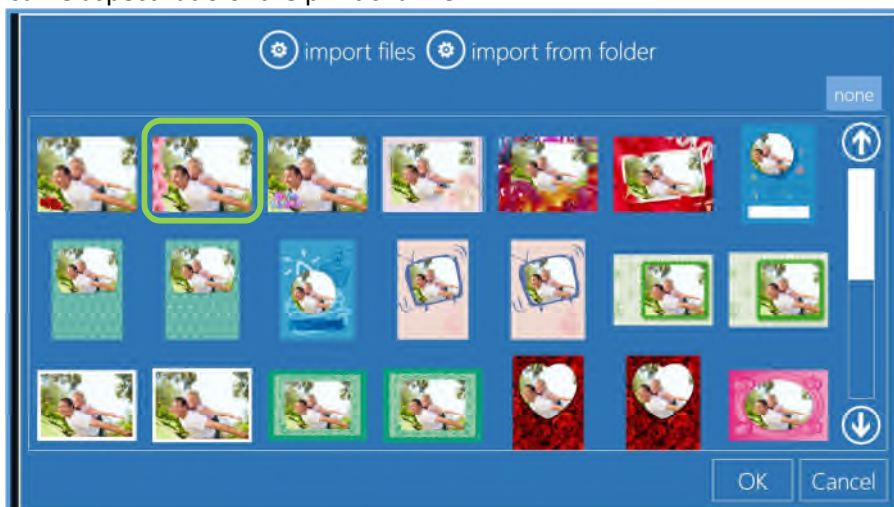
By selecting “channels” button it is possible to edit some parameters for each print output. As an example, select 15x20 cm / 6x8” and then select “edit” button. The channel settings window will be available.

Reset: Reset button function to reset the Event mode settings to standard kiosk mode as the software default settings.

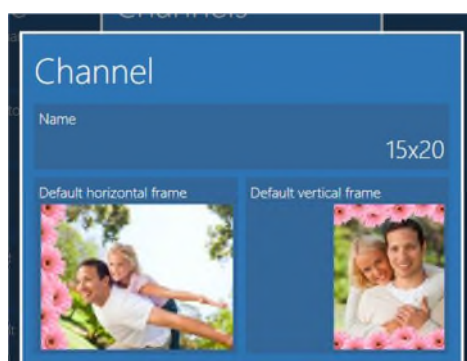
The operator or the client needs to go back to Event mode for further configuration of event mode.



Default frame: it is possible to select a frame from existing SL620 library or from any image source. Frames must be instered in pairs: one for horizontal (landscape) printed images and one for vertical (portrait) printed images. A frame is a PNG file with transparency in the area where user image will be displayed. Frame must have same aspect ratio of the print channel.



The selected frames will show into channel settings window:



Partial matte: similar way of frame settings, it is possible to select partial matte graphic. Partial matte graphics must be selected in pairs: one for horizontal (landscape) images and one for vertical (portrait) images.



A partial matte image is a JPEG file with white background and black graphics. Must have same aspect ratio of selected print channel. In correspondence to black graphic the printer will apply the paper finish selected into Event mode settings.

3.0 HOT FOLDER PRINT

Hot Folder Print function allows instant print of images as they are dropped (copied) into a folder. There is one folder for each available print size. Folder name is same as related print size.

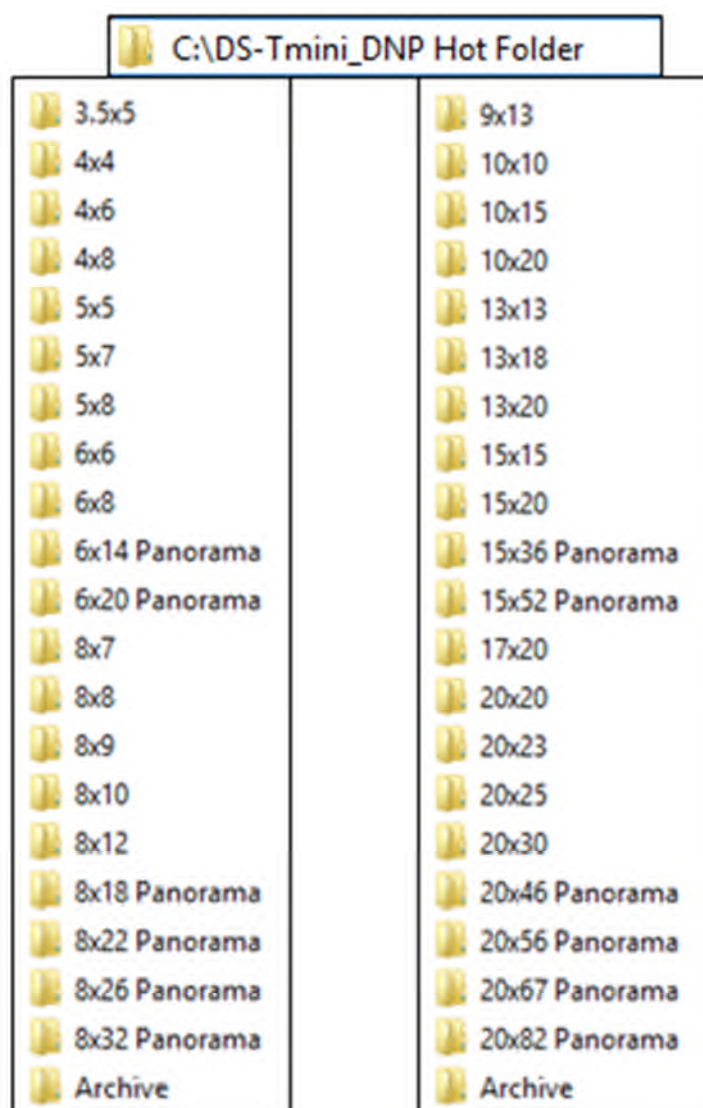
As an example, to print a 10x15 cm sheet copy an image into folder: "C:\DS-Tmini_DNP Hot Folder\10x15".

The following image types are accepted in this version of Hot Folder Print:

- JPG/JPEG
- TIF/TIFF
- PNG
- BMP

The hot folders are created automatically according to connected printer under the folder "C:\DS-Tmini_DNP Hot Folder".

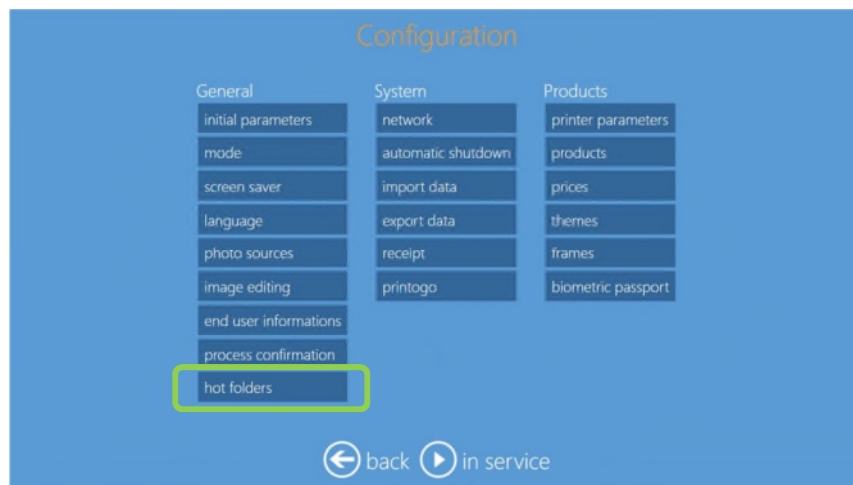
This is an example with connection to a DS620 printer:



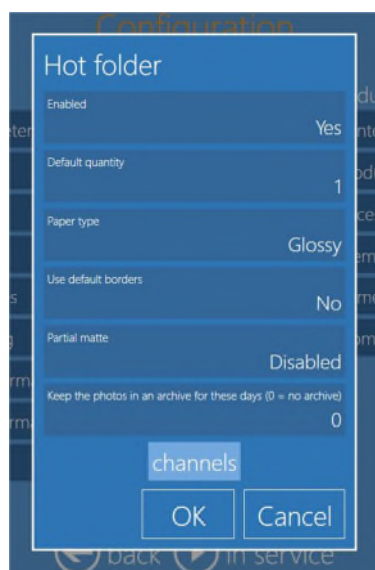
* Inch

* Cm

To setup Hot Folder Print, enter Control Panel, select “Settings” and then select “hot folders”.



The Hot folder settings window will show:



Description of each parameter:

Enabled: set Yes or No. If set to “No” the hot folder print function will be disabled. All settings will be kept in place.

Default quantity: set default number of prints for each image copied into each folder.

Paper type: set the paper finish to be used by all print sizes

Use default borders: set Yes or No. If set to yes, images will be printed combined with PNG graphics set into the print channel.

Partial matte: select from Disabled / Matte / Fine Matte / Luster. If set one of the 3 possible finishes, it will perform partial matte finish using the graphic set into the print channel.

Keep the photos in an archive for these days: set number of days printed images will be saved into "C:\DS-Tmini_DNP Hot Folder\Archive" folder. If set to 0 (zero) images will not be copied into Archive and will be erased from the hot folder immediately after printing.

Channels: it will open print output channels window. Print channels and settings are same for all SL620 products. Only the button to access the print channels is duplicated.

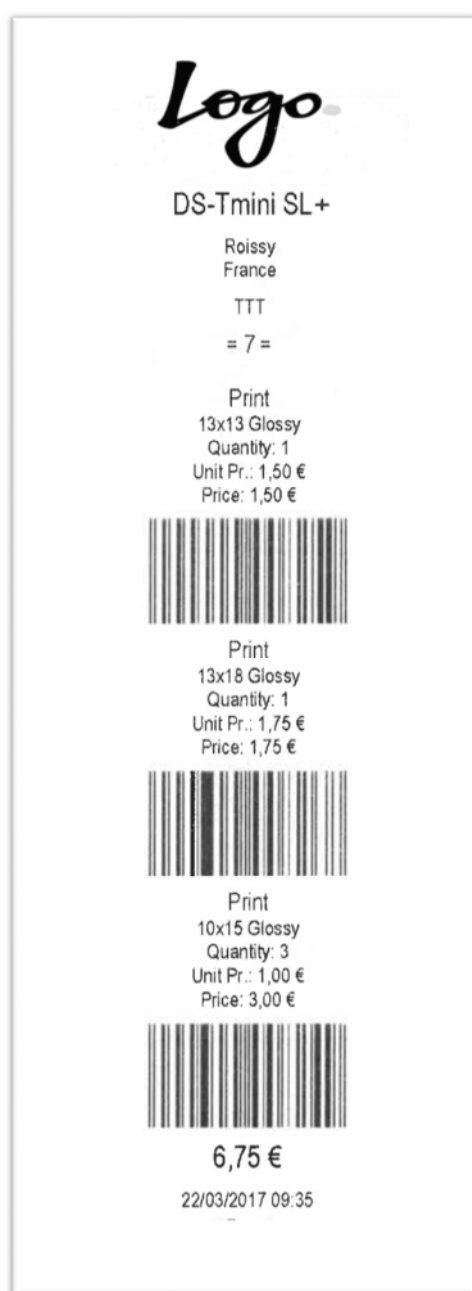
Please refer to page 11 of Events mode for channels settings.

4.0 BARCODE / QR CODE

Barcode per article (EAN 13)

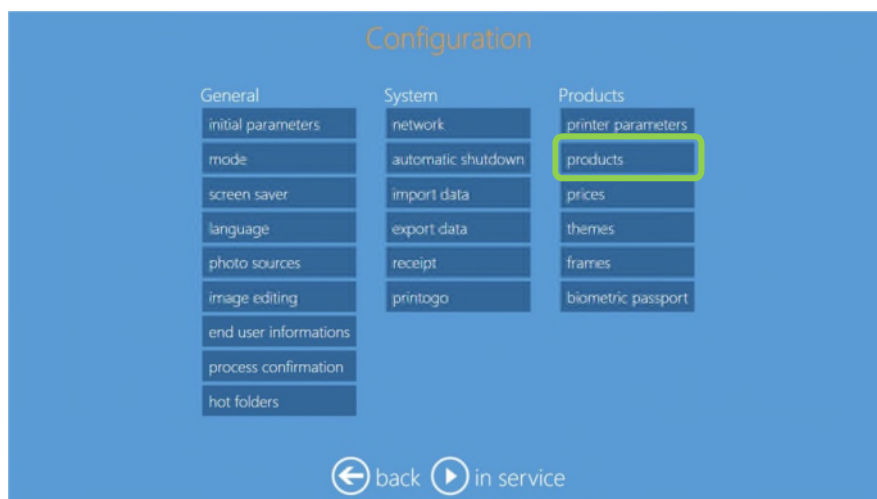
On the receipt ticket it is possible to print a barcode for each product line. This will allow faster and more reliable pricing and payment at cash register.

The barcode with the related product code will be printed on selected receipt ticket printer in the EAN 13 format.



To have barcode printing there are two steps to follow: enter the EAN code for each product and enable barcode printing into receipt settings.

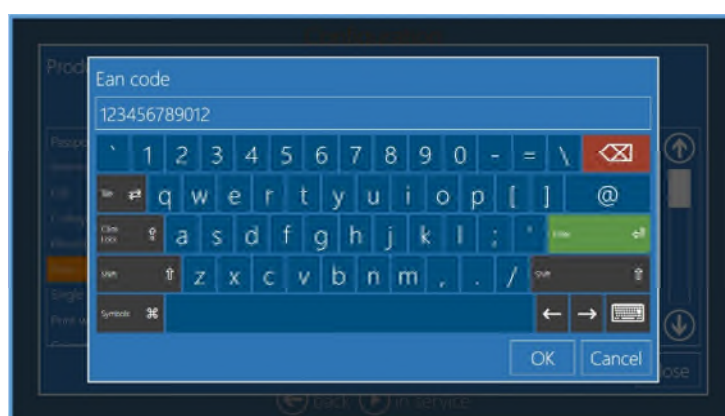
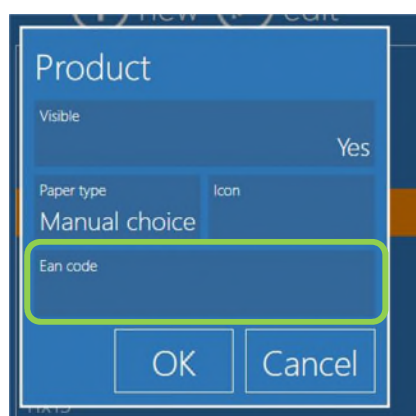
To enter EAN codes, enter Control Panel then go to “Settings” and then “products”.



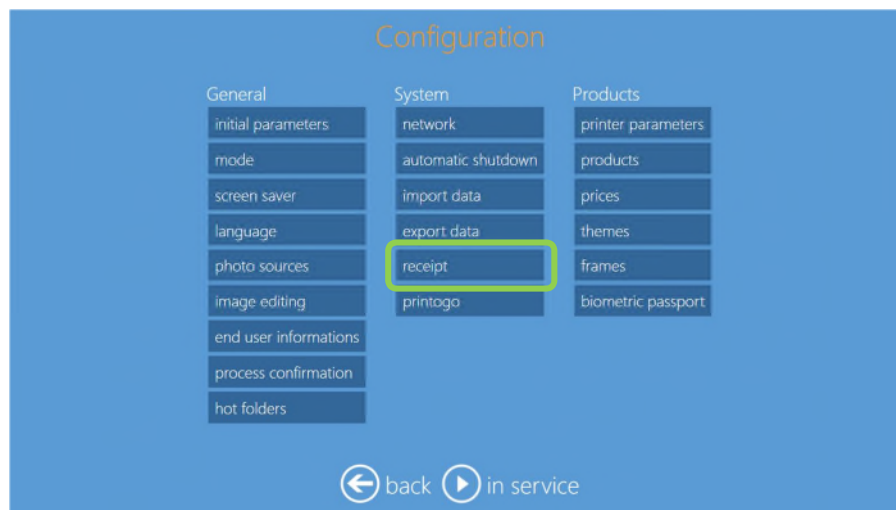
Select a product, as an example print 10x15, and select “edit”



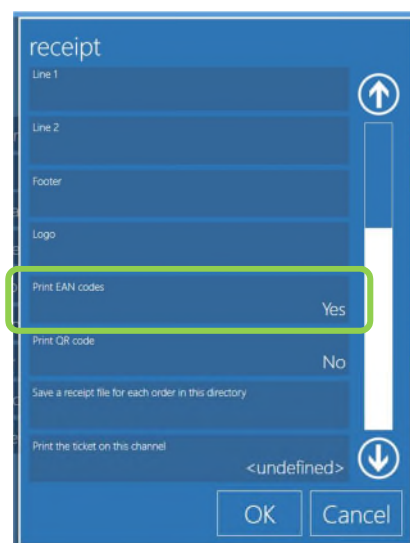
Select EAN code and enter a 12 digits code. Please note that Photo Editing Software will accept only 12 digits numeric code.



To enable barcode printing, enter Control panel select “Settings” and then receipt:



It will open the receipt settings. Scroll down to the Print EAN code and set to YES.



If a product has an EAN code then this code will be printed on the ticket. There will be one barcode for each product of an order.

QR code settings

On the receipt ticket it is possible to print a QR code at bottom of ticket. This will allow automatic reading of order details.

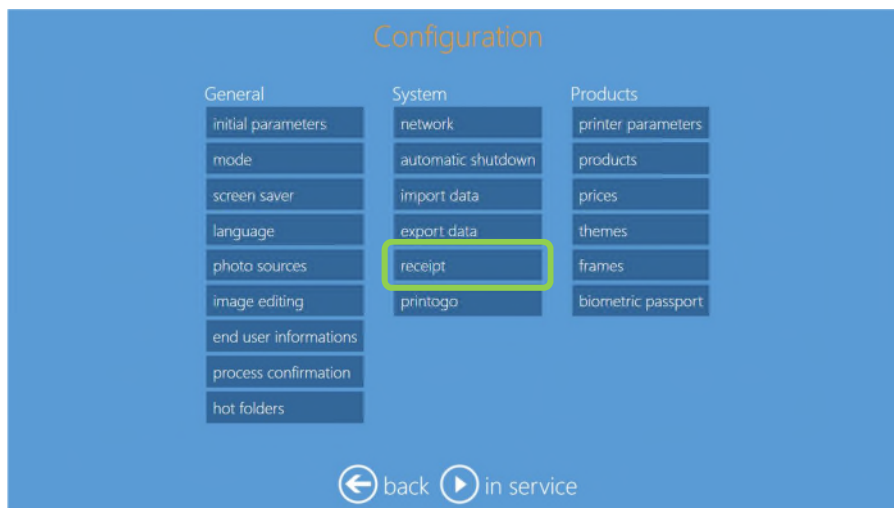
Information is written in csv format (comma separated values). At end of a product information there is a double comma (,,) which should be read as "start new line".

There is this content for each product: PRODUCT, EAN CODE, SIZE, FINISH, QUANTITY, VAT, PRICE,,

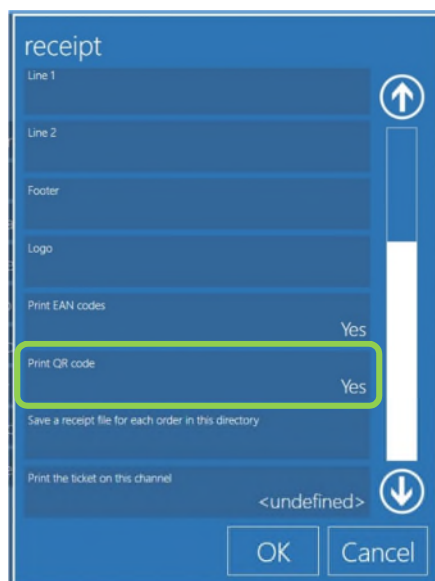
After all product lines, last items are fix amount and total price.



To enable QR code printing on receipt ticket, enter Control panel select “Settings” and then receipt:



It will open the receipt settings. Scroll down to the Print QR code and set to YES.



5.0 PARTIAL MATTE

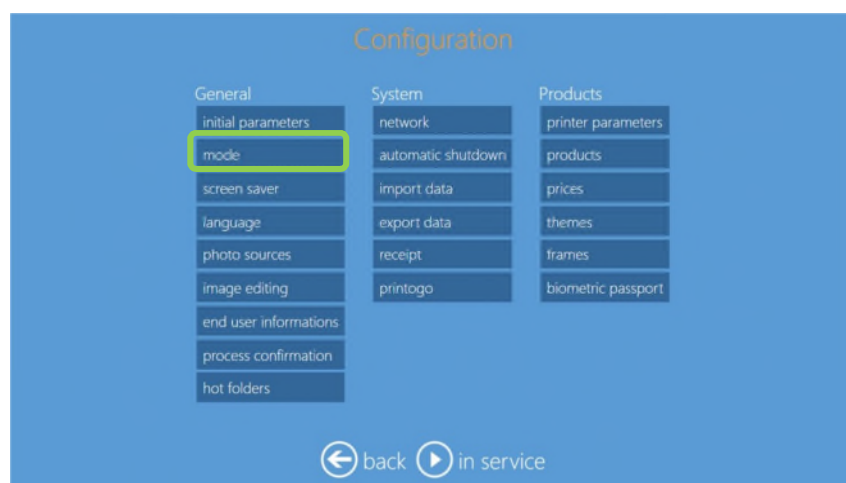
Partial matte is a new feature of the DS620 and DS820 printers. It is the ability to 'partial coat'. A single print can have different finishes, as an example matte and glossy finishes, in different areas and can thus highlight specific elements (foreground, background, text...), or allow you to add a logo or brand name in a distinctive manner.

Example: The DNP logo is printed in Matte finishing and the full picture is printed in Glossy finishing.

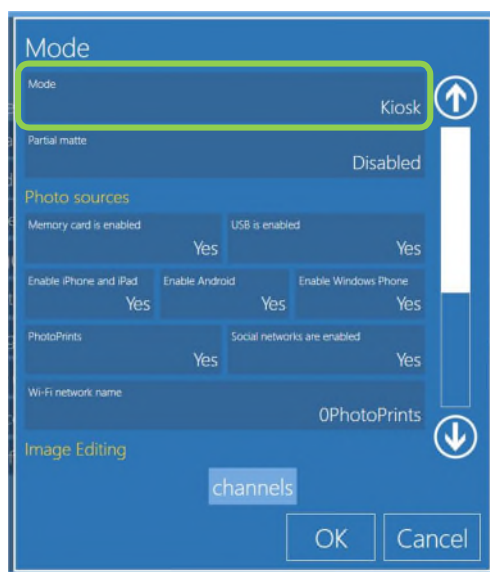


Partial matte will apply to all products with exception of passport products.

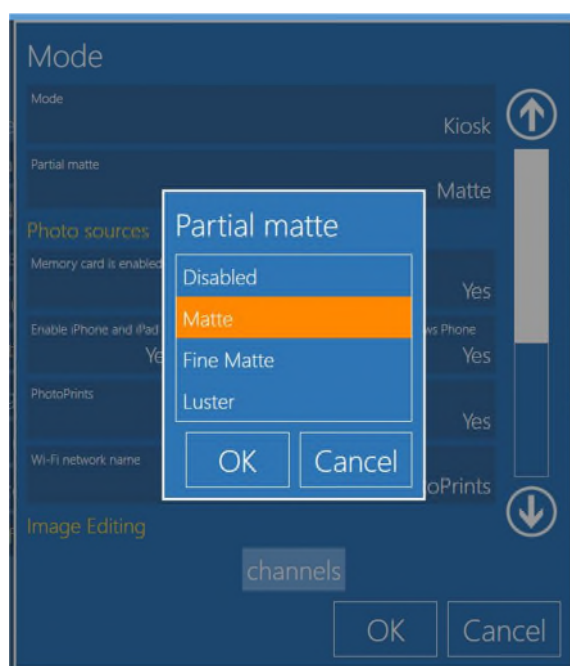
To enable partial matte, enter "Control Panel", go to "Settings" and select "mode"



select “kiosk”



Select Partial matte and the finish you prefer, matte in this example.



With the above setting, a partial area of the print will be printed with matte finish. Of course the area will be visible if rest of the image will have glossy finish.

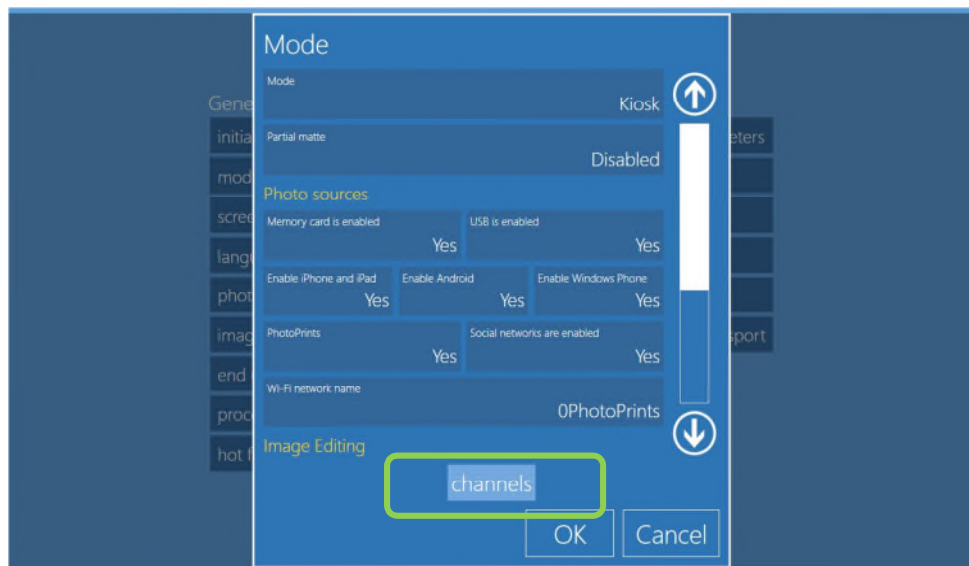
The graphic to be used for partial matte finish is set into print channel. Partial matte graphics must be set for each print size and must be selected in pairs: one for horizontal (landscape) images and one for vertical (portrait) images.

A partial matte graphic is a JPEG file with white background and black graphics. In correspondence to black graphic the printer will apply the paper finish selected into Kiosk mode settings (matte in the example above).

Partial matte graphic must have same aspect ratio of selected print channel.

Photo Editing Software provides a sample graphic (DNP logo) for each print size. The operator must create their own graphics for the desired results.

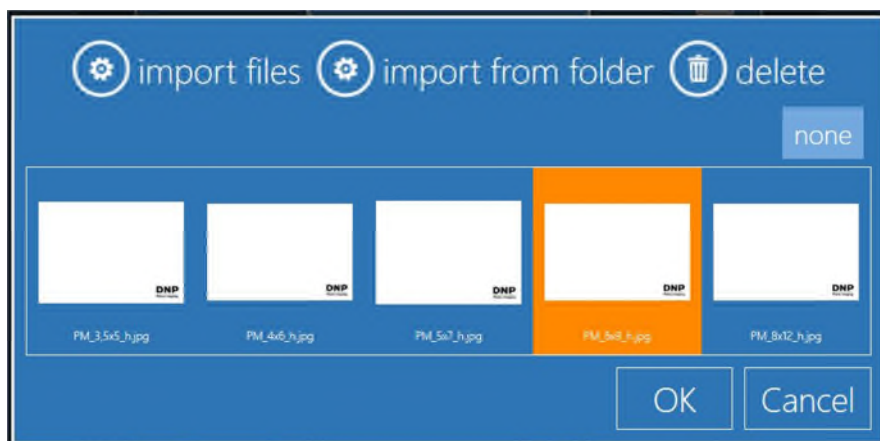
To set a pair of graphics, select “Control panel”, “Settings”, “Mode”, “Kiosk mode” and select “Channels”



It will open channels selection screen

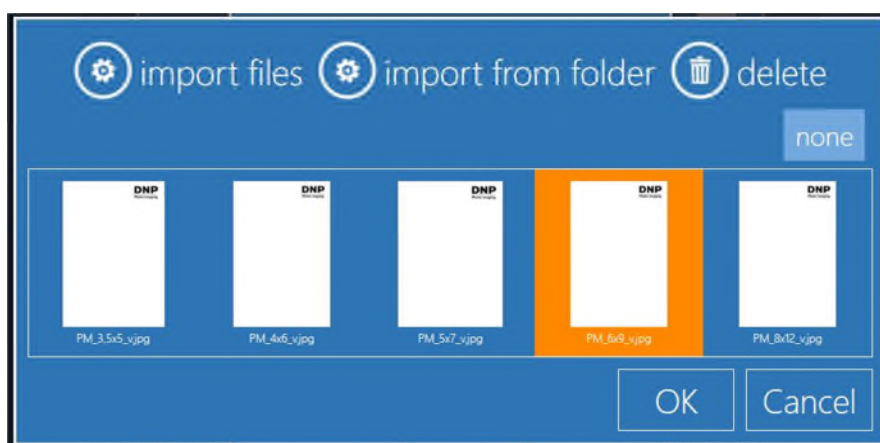


As an example open 15x23 print size and then select Partial matte horizontal and choose a graphic suitable for 15 x 23 aspect ratio



It is possible to choose from library and from external file.

Similar selection for vertical orientation.



After partial matte graphics selection the channel settings will look like this:



Now the Photo Editing Software will print 15x23 size with a DNP logo area with matte finish.

6.0 NEW FEATURES

Collage product

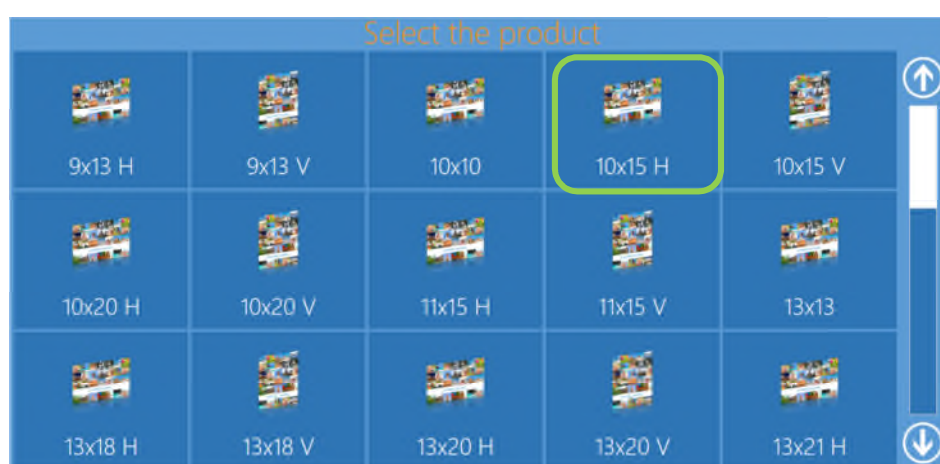
With this new version of Photo Editing Software there is new “Collages” product. This is to print 2 to 8 images in a graphic page.

Collages workflow.

1) Select “Collages”



2) Select print size and orientation



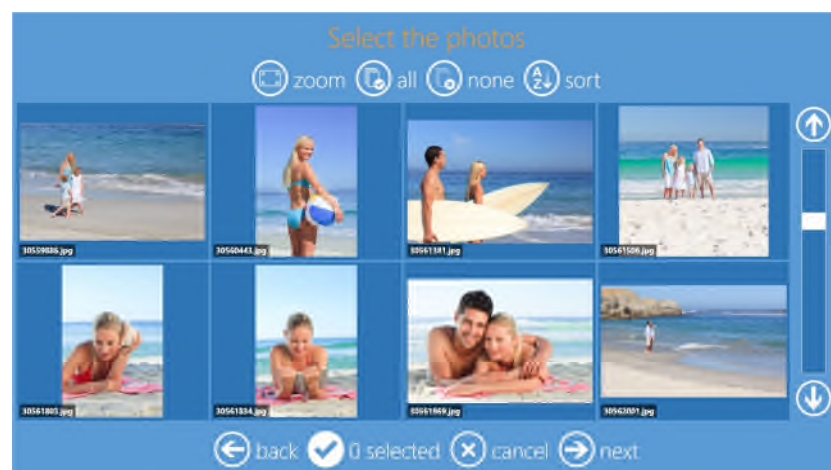
3) Select print finish



4) Load images



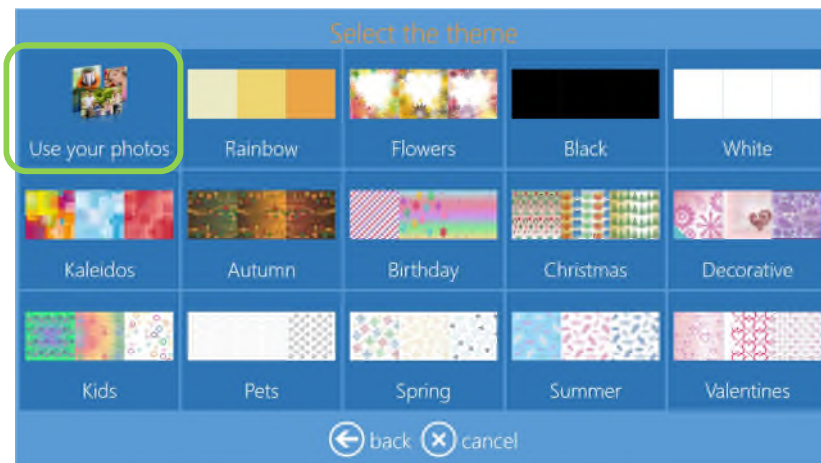
5) Select 2 to 8 images



6) Select background. Note that also a customer image may be used as background.

If a user photo is selected as the theme then the software will pick an image automatically.

It is possible to change the background image during final image preview by selecting "Background"



7) Preview of product



By clicking on an image it is possible to zoom and center it



It is also possible to add text, clipart, and change the background and shuffle position of images.

8) Select next and finish the product as for other products

New Calendar workflow

Calendar workflow is improved with the ability to select user photo as background and the ability to choose among multiple types of styles for calendar data.

Calendar workflow:

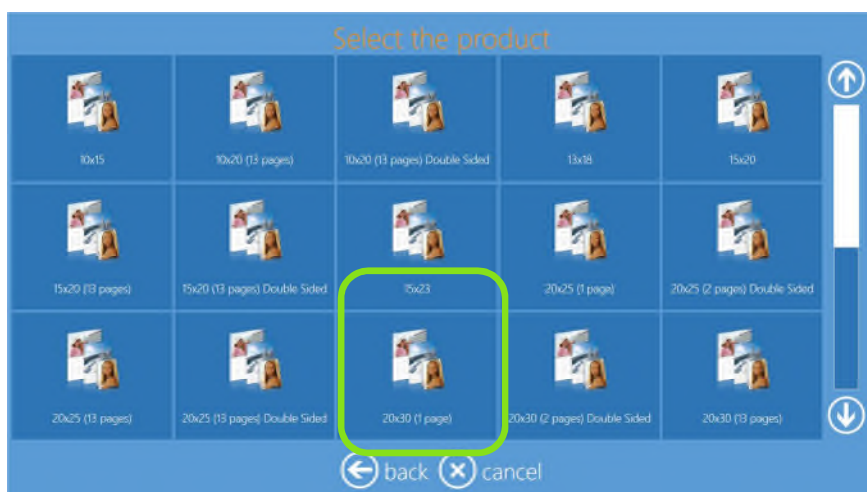
- 1) Select Calendars to make a Calendar product.



- 2) Select media where images are located, as an example a USB device with images.



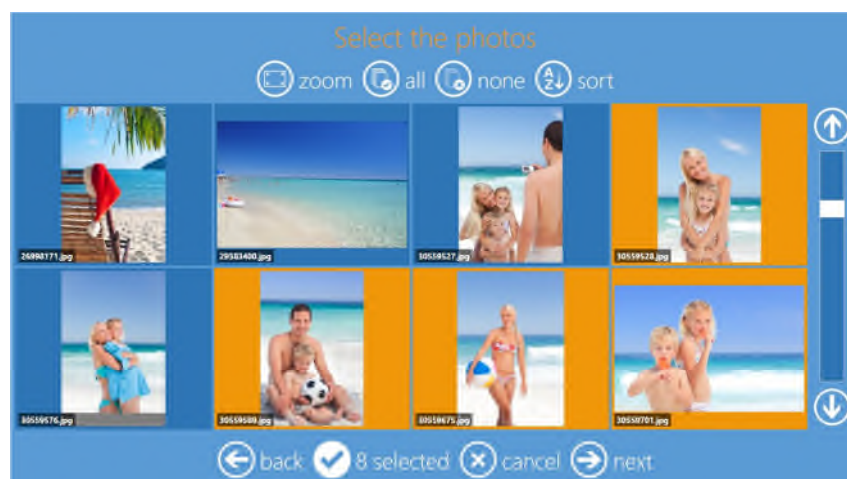
3) Select print size.



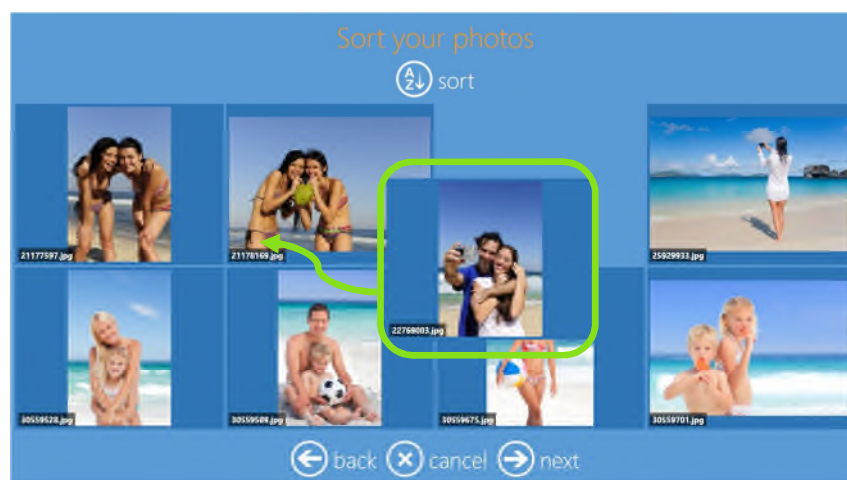
4) Select paper finish.



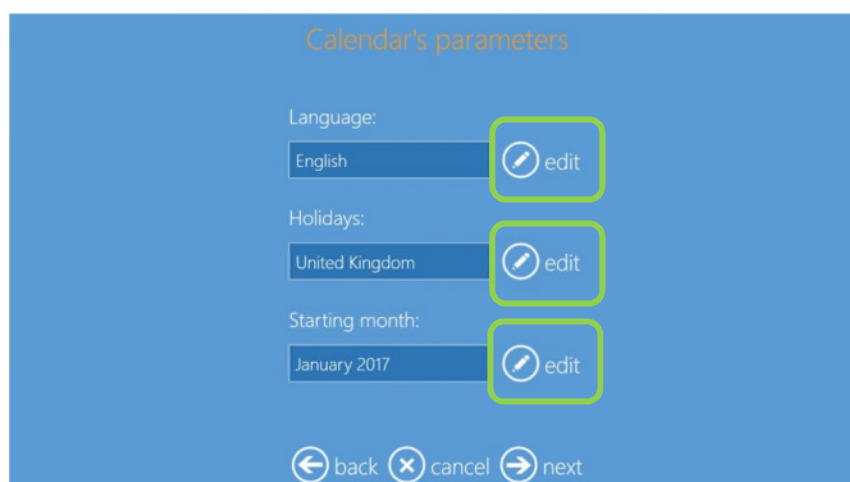
- 5) Select images.



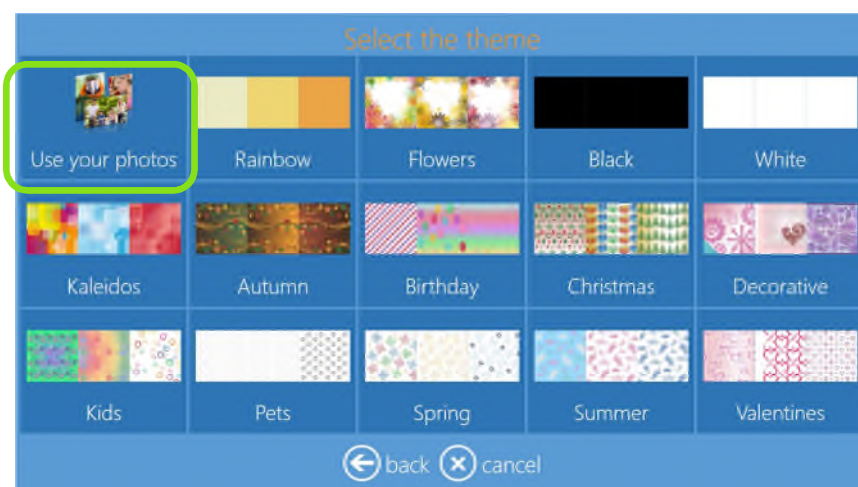
- 6) Change image sequence.



- 7) Select Calendar options: language, country (for national festivities) and starting month. Touch "edit" to change selection.



- 8) Select background theme. Note that also a customer image may be used as background.
If a user photo is selected as theme then the software will pick an image automatically.
It is possible to change the background image during final image preview by selecting "Background".



- 9) Select calendar type



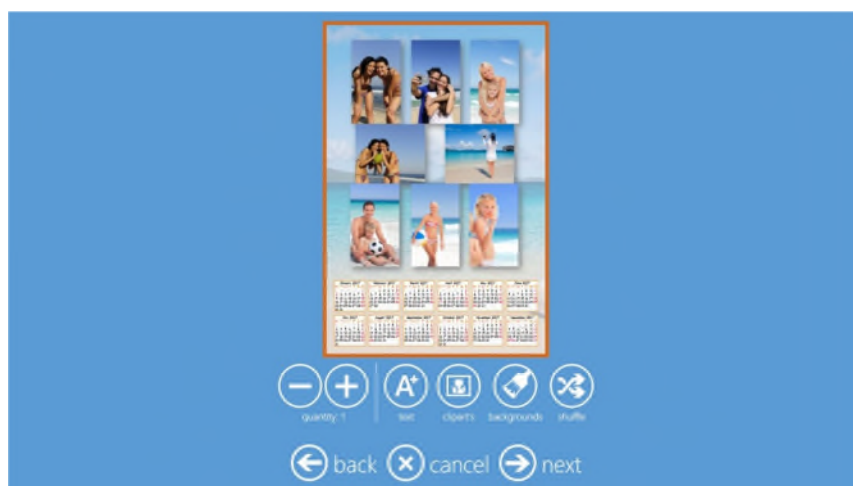
10) Select calendar style



11) Page preview and edit.

It is possible to zoom and center an image by clicking on it.

It is possible to add text, clipart, change background and shuffle position of images.



12) Press "next" to finish the order as for other products.

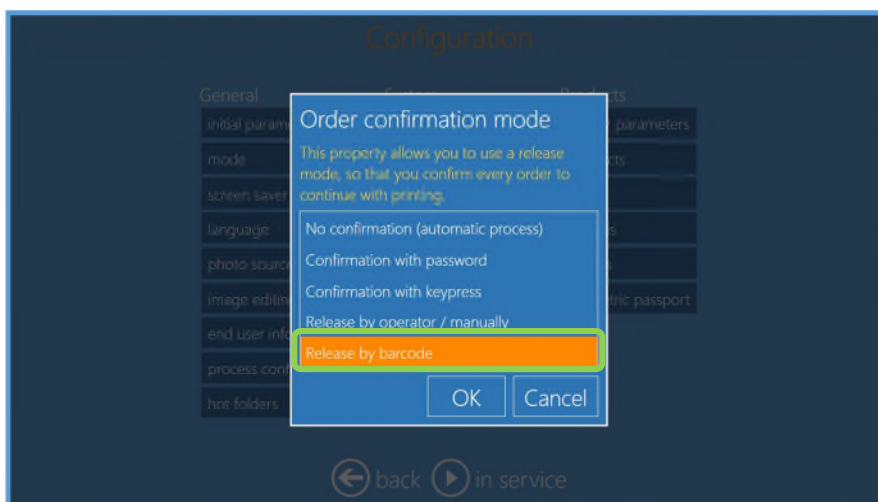
Order release with barcode **need an additionnal usb bare code reader device and a receipt printer*

In addition to order release with pass code, by operator and by numeric pad, there is possibility to set release by barcode.

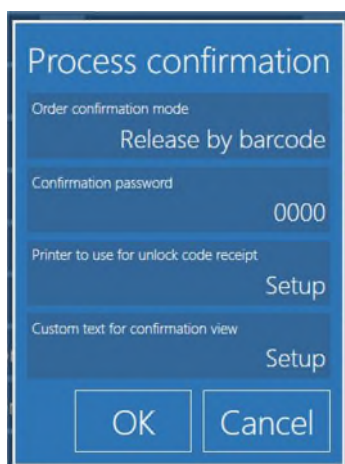
To enable order release mode with barcode, enter “Control Panel”, go to “Settings” and select “process confirmation”



Select “release by barcode”



It will open a settings window:



Description of the parameters:

Confirmation password: set a 4 digits numeric password for operator to release the order. This is available in case of malfunction of barcode reader.

Printer to use for unlock code receipt: use this button to select ticket printer for release barcode printing. Normally a network ticket printer close to cash register will be convenient location for barcode printing. With such a situation, operator will give release barcode ticket to customer when order is paid.

Custom text for confirmation view: enter here special text for customers to prompt on screen at end of order workflow.

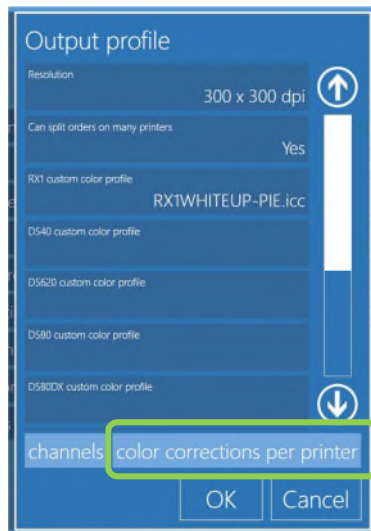
Printer output color adjustment

In addition to general color adjustment for print output, it is possible to setup color profile and color adjustment for each printer and for each paper finish.

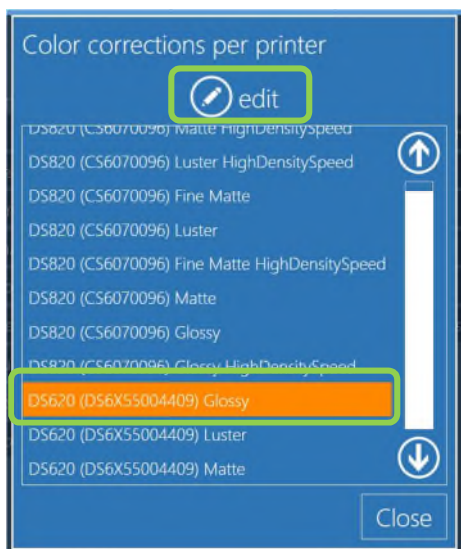
To set color adjustment for each printer and paper finish, select "Control panel", "Settings", "Printer parameters"



It will open the output profile settings, select “color corrections per printer”



It will open a window with list of paper finishes available for connected printers. Each printer is listed with its serial number. Select a printer and paper finish to set color adjustment, DS620 / Glossy in this example



Then select “edit”, a new settings screen will open

Description of the parameters:

High density mode on supported printers: set true or false. If set to true it will use high density mode for printers supporting this print mode, currently DS820 does.

Apply this color correction: set YES or NO. Set to YES to apply corrections set into this screen.

Color profile: it will open file explorer window to select color profile to be used only for selected printer and for selected paper finish. DS 620 serial number DS6X55004409 / glossy finish in the above example.

Auto color: set YES to perform automatic density and color adjustment (local density control) to all images before printing to selected printer and paper finish.

Auto contrast: set YES to perform automatic contrast enhancement to all images before printing to selected printer and paper finish.

Auto levels: set YES to perform automatic color and density adjustment to all images before printing to selected printer and paper finish (this is an alternate method to Auto color adjustment).

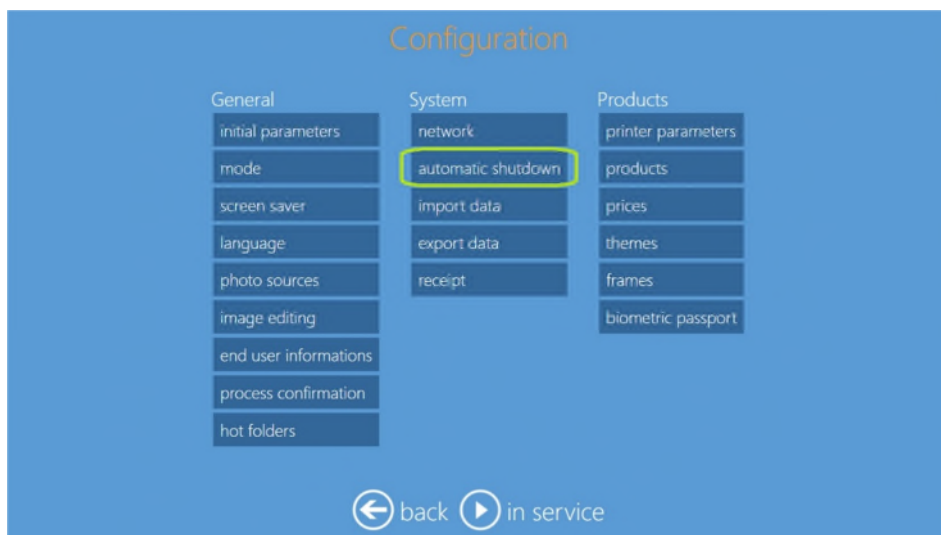
Brightness, Contrast, Saturation, Red, Green, Blue, Gamma, Sharpen: set level of manual fix adjustments to apply to all images before printing to selected printer and paper finish. Set to 0 (zero) means no correction is applied.

Automatic shutdown

It is possible to setup a time for automatic shutdown of the system.

By setting a time the system will enable automatic shutdown function.

To set automatic shutdown time, select “Control panel”, “Settings”, “Automatic shutdown”



It will open a window with 8 fields



Input time in the 24 hours HH:MM format, settings from 00:00 to 23:59 are valid.

Time entered into the “Shutdown default time” field will be valid all days of the week unless a specific time is set into corresponding field of the day of the week.

In the example above the system will automatically shutdown Monday to Saturday at 21:00 and at 19:30 on Sundays.

To deactivate the automatic shutdown please cancel all the time entries.

7.0 TROUBLESHOOTING

DNP PIE Support team contact details

For any technical issue(s) and/or question(s), please contact DNP PIE support team at:

support@dnpphoto.eu

Local immediate print product is no longer available

If you are using DNP printers, the software automatically hides the products which can not be processed. Make sure the printer is powered on, with available media, connected to the DSTmini and ready to print.