DNP
Photo **Imaging**

README file Software Update v3.5.55.22 for DNP DS-Tmini SnapLab System
Released: 2021-11

SnapLab SL620A / DS-Tmini Version Update Release Info:

The newest software version of SnapLab SL620A / DS-Tmini is now available for use:
Version 3.5.55.22

NOTE: Improvements to the SnapLab are cumulative, features added in the previous version are also contained in this new update.

If you have any questions, please contact DNP Support or your DNP photo product reseller account manager.

Tech Tip: Installing the SL620A Update Software:
System Operators of the SnapLab+ system can install this update several ways.

- Using the Self-Update function of the SnapLab.
    - Access the menu for: Admin\Diagnostics\Software\Check for Updates
    - Note: wired internet connection is required for this method. Refer to the user manual for further details.
- The SnapLab software can be updated by downloading the Update Patch from the DNP website and installing it from a USB device.
    - Access the menu: Admin\Diagnostics\Software\Check for Updates on USB
    - This menu option is available starting from v3.3.9.0. Refer to the user manual for more details. For additional info contact DNP Tech Support.

System Feature and Functionality Improvement Summary:
Key Features:

2021-10 Update – v3.5.55.22 - Release Notes - Features

- User Interface- Social Media access:
    - Image Access logins for Google Photos is improved to comply with their current standards for site login to access images.
- User Facing Messages - Cell Phone cable connection messaging improved
    - Message displayed after cable connection: "Your device has been detected, the photos are being loaded, and it may take a few minutes."

- Print Job Release
  - When Payment Card is enabled, buttons for both 'pay in the shop' and 'SumUp card payment'
  - Payment card process has setting for minimum and maximum sale amount.
- Printer firmware update payload change to included
  - DS620 FW v1.62, DS820 FW v1.07.
- Other functions added for certain geographic area
- Maintenance improvements and minor fixes.

2021-02 Update – v3.5.45.20 - Release Notes - Features

- Print Size addition for QW410 printer
  - The 2-inch cut products are added;
    - Three 2x4 strips for 4x6 media page size;
    - Four 2x4.5 strips for the 4.5x8 media page size.
  - By default 2-inch products visibility set to No / OFF
    Note: the image must be properly formatted to use the 2" cut function effectively.
- Calendar: a new size 4.5x8" is added to support QW410 4.5x8" media
- A new Border Frame pack is new available to be installed on the SL+ system SL620A and DS-Tmini.
  The border pack includes new decorative frame borders for the unique QW410 4.5x8" print size which is now available.
- Printer firmware update payload change to included
  - QW410 FW v1.07.
- ID Photo - Workflow - Image Editing improvement
  The image editing tools are repositioned on the page for easier use including the arrows to move crop area Top Bottom Left Right
- ID Photo – Admin - Creating new Layouts
  The orientation for new ID photo layout Horizontal & Vertical rotation can be preset when creating the new ID layout.
- Product Price Setup improvement - Admin
  Display filtering added to show only the available products
  - Checkbox Checked: Filters as per available media type / Checkbox Un-checked: Display all products
    - The state of the check box is not saved.

- PhotoPrints mobile app workflow fix when an additional Ethernet card is attached
  - a. When an additional RJ45 is attached, the system picks up a new ip address from this additional card
  - b. From this version the ip address can be set in the admin/photo source when the listed ip address is not the inbuilt Ethernet card address.
- For SumUp payment card setup – The password field will hide the characters ###### for password when added or changed. The keypress symbol #### is visible instead of the text.
- Receipt - Admin System Setup
  - Add custom message in the receipt ticket
  - Footer 1 & Footer text fields are 2 added for additional text to be printed on the receipt ticket
- Order Details: Printed & non printed pictures are marked with check symbol in the orders section to identify it.
- SumUp receipt payment confirmation with order details after payment confirmation
- SumUp payment: refuse/decline of NFC/contactless, ping back; now allows for user to rescan the ticket and pay by inserting card
  - Custom text message box is available for SysOp to enter text for the user to see in case of this type error with the payment card
  - Text setup to can be inserted at the following location: process confirmation/sumup/
- Other functions added for certain geographic area
- Maintenance improvements and minor fixes.
- Admin - Order deletion setting
  - Days to auto-delete orders default: 10 for normal orders
- Admin Maintenance
  Firmware Update for QW410 v1.07 is included in the build.

2019-12 Update – v3.4.35.8 - Release Notes - Features

- QW410 Printer support o Standard Print sizes for 4x6 print media pack as well as some unique sizes brought about by the new 4.5x8" print pack
  - • Product Categories
- Password control for main products
- Print finish types setup control
- Other operational fixes and improvements

2019-05 Update – v3.4.25.3 - Release Notes - Features

- Social Media: Login
    - o Image Access logins for Google Photos is improved to comply with their current standards for site login.

RELEASE NOTES for previous versions:

- Improvements are cumulative, features added in the previous version; e.g. the functions listed below are also contained in this current update.

2019-02 Update – v3.4.25.0 - Release Notes - Features

- Photo Input Sources Added o Direct WiFi transfer images to Snap Lab (without the mobile app) o Bluetooth[1] transfer images to Snap Lab

- Index Print Feature Added o Add an index print for the print job order o Set pricing for the index print

- Event Mode: Image Quantity Control o The operator can set the quantity for minimum and maximum photos per order

- Payment by Credit Card: Process Confirmation o SumUp Air device payment[123] support

- USA and certain other countries supported ☐   Social Media[3]:
    - o Image Access logins for Facebook and Instagram are improved to comply with their current standards for site login.

- DNP DS40 Photo Printer Firmware v1.60 Upgrade o Feature support added:
    - o 6x6" square print size on 6x8" print media

[1] Optional hardware required; not sold by DNP. (Bluetooth dongle; SumUp card reader) [2] Account setup with SumUp required; not through DNP. [3] Network access required to utilize online features.

2018-08 Update – v3.3.14.2 - Release Notes - Features

- Image Loading Speed Improvement for Cell Phone via Wired Connection
  The image loading is improved to read the files by creation date order on Android and iOS phones. This improvement significantly speeds up the display of images.

- Collage Print Quantity Issue Corrected
  Print quantity increment is corrected to increase one by one.

- Fine Matte Finish Type Selection Added for DS620A & DS820A
    o Printing with Fine Matte finish type is added for printers that support it.
    o Supported on printer models: DS620A and DS820A
      ▪ The printer firmware must also support the functionality.

- Square Cut Print Size Addition –   o Adds support for 5x5"
  square format printout for RX1HS 5x7 media only. This feature is in addition to the current 6x6" square cut functionality for 6x8" media.
      ▪ Note 1: Feature requires DS-RX1HS printer firmware v2.06 and above.
      ▪ Note 2: Print media sizes are not available in all sales regions.

- 2-inch Cut Function (2x6): Supported Media Types Refined
  o DS-RX1/DS-RX1HS 4x6" media; o DS40 4x6" media;
    o DS620 4x6" media; DS620 6x8" media;
    *Note: The 2-inch cut (2x6") is **not** supported for 6x8" media of these printer models DS-RX1HS and DS40.*

2018-04   Update – v3.3.11.0 - Release Notes - Features

- Remaining Print Media Count Status Display Window o The software will display the remaining media of the connected printer(s) at the bottom of the screen. The icon(s) is/are visible only on the screensaver screen.   It displays Printer name / Media Type / Media Count / Status Color Code

- LOGO Customization Implementation o A brand logo can be placed on the top-bar of the software.
      o The logo appears from the beginning throughout order making process.

- Automatic Reboot System Scheduler o Provides time setting for the system to reboot daily, use the 24 hour format.

- Install SnapLab updates via USB device o Adds a way to install the update from the SnapLab Admin Menu Admin\ Diagnostics\ Software\ Check for updates on USB o   Note: must have v3.3.9.0 or greater to use this function.

- 'Add to Order' Workflow Improvement for Prints & Frames o Convenient way to add a different print size format for selected photo.

- Export ID Photo image file to USB   o Supported only for optional Biometric ID Photo package

2018-01   Update – v3.3.9.0 - Release Notes - Features

- Panoramic Collage o Supports from 2 to 20 images combined onto one page.
    - o   Add a selected background theme, or use an image as a background in addition to the plain background.
    - o   It is also possible to add text, clipart, change the background, enlarge and center images.

- Collage Photo Improvement   o Collage function for standard print sizes will accept up to 20 images instead of previous maximum of 8 images.

- Photo Editing mode User Interface controls improved   o In the photo editing mode for vertical (portrait) oriented photos, the editing controls will move to the side to allow a larger image viewing area to display.

- 2 Inch Cut (half-cut) for Hot Folder Print o The "2 inch cut" has been added to the print formats available. It is available for Prints product and for Hot Folder Print service.

- Password Protection for System Settings   o Set a password to enter the administration settings for the system.
    - o   Two types of user level passwords: "Administrator" and "Operator".
        - ▪   Administrator has access to all settings. Operator has limited access.

- Update SnapLab application software from a USB device o "Check for Updates on USB" function will become available in addition to the online "Check for Updates".

- o Function will be accessible in Administration mode "Diagnostics".
  - ▪ This new function is convenient for systems that are off-line.
- o The function added in v3.3.9 will be operative for subsequent system updates.

- • GS1 Data Matrix code support o One new 2d code added: GS1 Data Matrix.

- • Card Printer support for plastic card - HID Fargo DTC1250e only o With this new version of Photo Editing Software there is new "Photo Card" product. This is to print a personalized plastic card selecting from various themes or by loading your own graphics.
  - o Card Print is available only if a HID Fargo DTC1250e is connected and powered.

- • Frame Graphics available for card printer.
  - o A complementary file set to the plastic Card Printer functionality. The suite of Frames and Themes are available for download to install on the SnapLab

- • HDD Space available   o Reveals remaining HDD space in popup window.
  - o Function accessible in Administration mode "Diagnostics"

- • Test function for Receipt printer o Prints a test page without need of running a photo print job

- • Test function for plastic Card printer o Prints a test page without need of running a photo print job

- • Delete Orders after printing o Added instant job and disk space cleanup the existing delete after X days.

2017-07 Update – v3.1.4.3 - Release Notes - Features

- • Event Photo Mode
  Streamlined image printing workflow for event photographers to quickly print the selected images compared to the regular kiosk mode of operation. Several default options can be preset for optimal results and fewer clicks to print.
  Note: See the newly added Hot Folder Print function of the v3.1 for even quicker printing.

- • Hot Folder Print mode
  Instantly print images as they are dropped (copied) into an actively monitored 'Hot Folder' print size. NOTE: Hot Folder functionality of the SnapLab v3.1 is closely

integrated with. It is similar in function to standalone DNP Hot Folder Print for Windows. Dynamically supports print sizes of the connected printer and media size combination.

- Photo Collage functions (Non-Panorama)

   Supports two to eight images combined onto one page. Add a selected background theme, or use an image as a background in addition to the plain background.

- Calendar workflow improved

   Rearrange the images, select a photo as background; choose among multiple types of theme styles for the calendar date panels.

- QR code printed on receipt

   Allows automatic reading of order details

- Partial matte (overcoat graphic)

   Adds ability to embed a graphic image, in the clear coat of the printed image.

- Order release by bar code

   Provides systematic job release and printing.

- Automatic system shutdown

   Can be scheduled every day

- Color output adjustment for each printer

   Provides setup of color profile and color adjustments for each printer and for each paper finish. Settings supported: brightness, contrast, saturation, red, green, blue, gamma, and sharpen

2017-04 Update v1.5.3.1 Functional and Maintenance Update: <u>User-Facing</u> <u>System Improvements</u>

- Photo Calendars Improved ○ New Templates for Photo Calendar ○ Calendar Collage ○ New workflow for Calendar simplex (single-sided) product creation ○ Updated Screen Saver / Attract Loop

- More social networks available for users to retrieve and print photos: (internet access required) These include:

   ○ Facebook, Google Photos, Flickr, Twitter, Instagram, Dropbox, Google Drive, OneDrive

Note: social media feature default = Off; it can be set On by the Sys Operator

- <u>Under-the-Hood Improvements</u> for Improved Usability and Operational Reliability:
  - o Faster loading from folders for Android phones OS v5 v6
  - o Better handling of cable connections to some android phones which connect as USB memory.
  - o Better sorting of images from iPhone when loading via cable   o Bug fix for border and calendars

- Operator Setup Feature:
  - o New global color adjustments controls added to Settings in order tune the color output of each connected DS photo printer(s)

** Note: this software update is intended only for DNP SL-620 / DS-Tmini Snap Lab systems, it cannot be installed or used on other PCs. Inquire about the DNP user installable disc version.

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