

# HiTi P510S/P510Si User's Manual



## General Information

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= Safety Precautions =

1. Never attempt to disassemble or modify the printer. Doing so may lead to electric shock or malfunction.
2. Do not allow liquids near the printer, which may lead to electric shock or fire.
3. Do not use the printer if the printer body is damaged.
4. Avoid plugging the printer into a jack being used by other appliances.
5. Do not put the printer on an unstable cart, stand, or table.
6. Make sure the printer is operated under the type of power indicated on the marking label. If you are not sure the type of power, please consult your dealer or local power company for detail.
7. Do not block air vents protecting the printer from overheating.
8. Do not disable the safety purpose of grounding type plug. Use the power supply cord only in combination with an earthed socket-outlet.
9. The socket-outlet shall be installed near the equipment and shall be easily accessible.
10. The equipment shall be used at maximum 40°C ambient temperature.
11. An approved power cord greater or equal (e.g. H03VV-F (for EUT weight 3kg), H05VV-F (for EUT weight > 3kg), 2X or 3G, 0.75mm<sup>2</sup>) must be used.

= FCC Notice =

Do not make any changes or modifications to the equipment unless specified in the instruction. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Never push objects into this equipment through cabinet openings, which may touch dangerous voltage points or short out parts that could lead to a fire or electric shock.
4. Never spill liquid on this equipment.
5. Connect the device into an outlet on a circuit different from that to which the receiver is connected.

## **General Information**

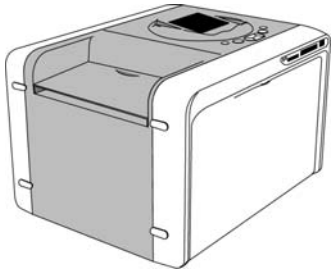
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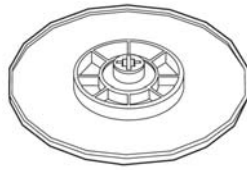
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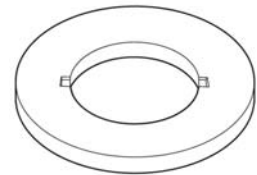
## Checking Package Contents



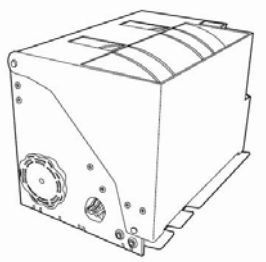
HiTi Photo Printer P510S/P510Si



Paper Roll Flange x2



Paper Roll Spacer x2



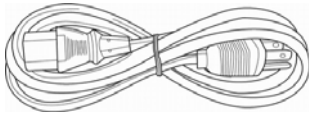
Paper Box



P510S/P510Si Application Suite



USB Cable



Power Cord

### Note

1. If something missed from the package, please contact your local dealer or HiTi service center nearest to you.
2. Paper roll spacer is **NECESSARY** only for 5x7 size paper roll installation.
3. Consumables are **EXCLUDED**.

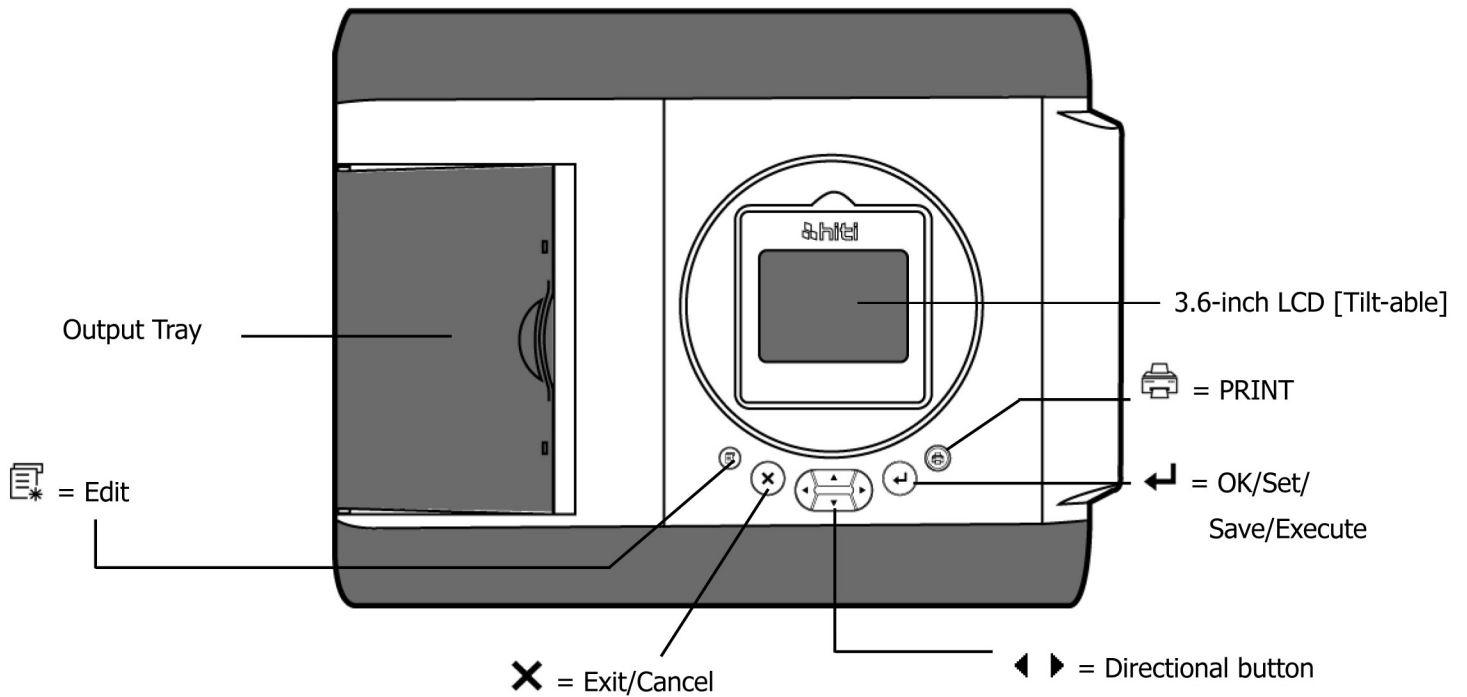
## **Getting the Latest Update**

HiTi Digital Inc. website provides the latest driver, application, user's manual, printer firmware, and so on for users to download. Please visit our website at [www.hiti.com](http://www.hiti.com) for more information.

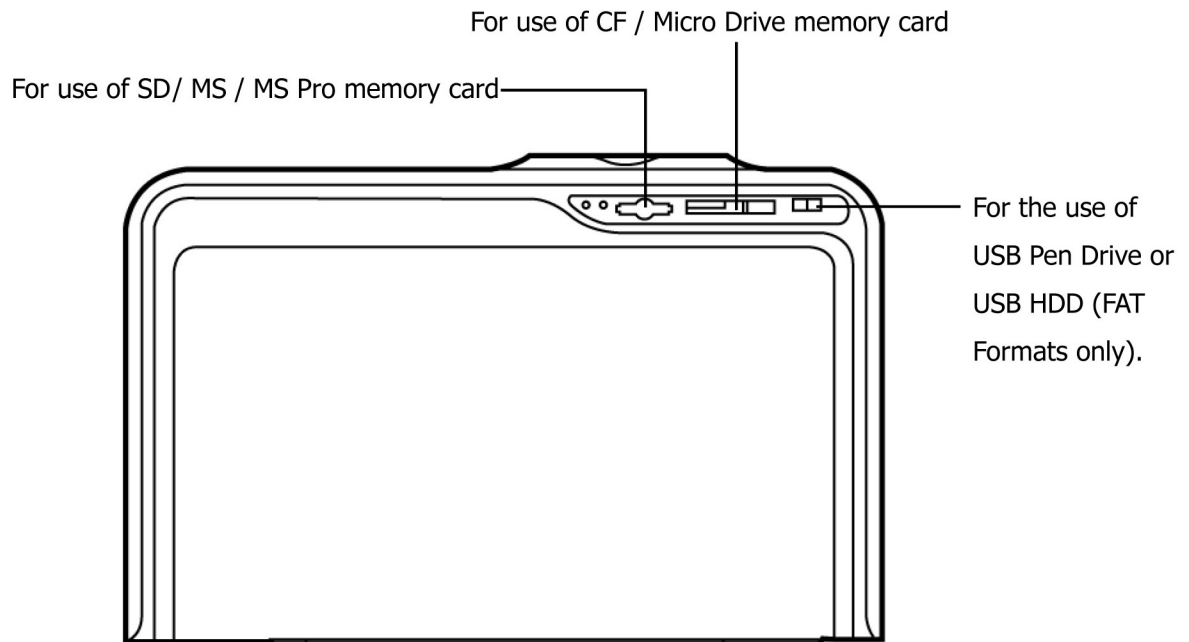
Any questions toward HiTi product(s), please contact your local service center for detail.

## Introduction of P510S

- Top

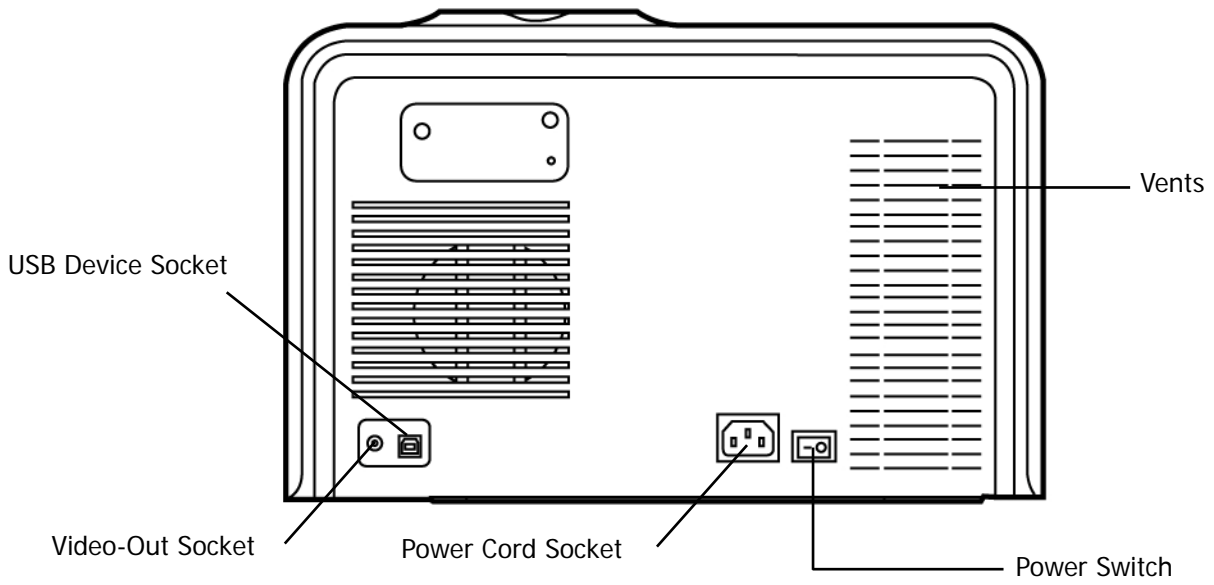


- Front

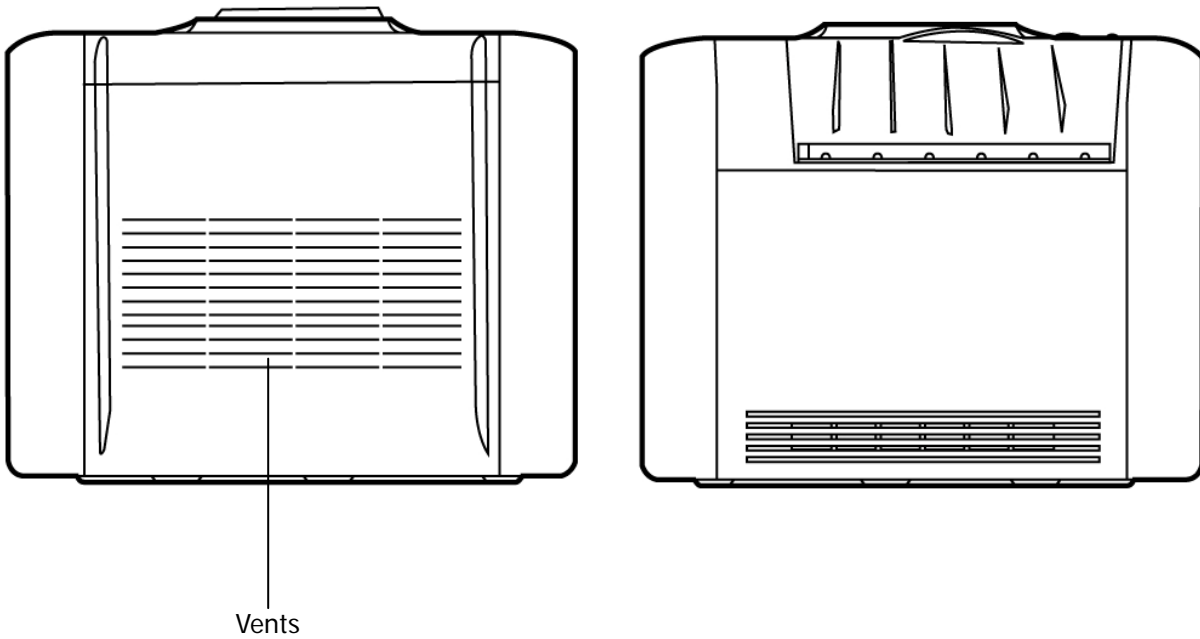


## Introduction of P510S

- Rear

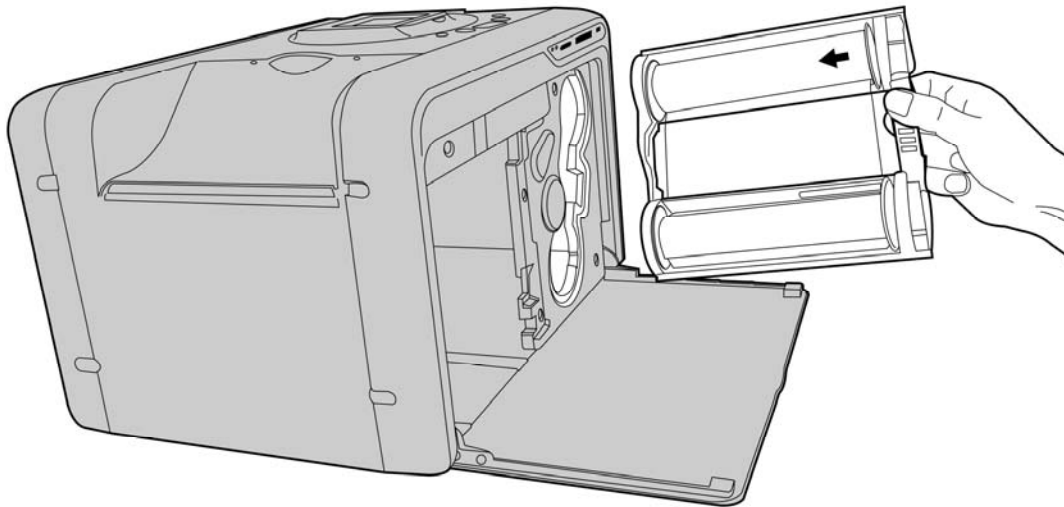


- Sides



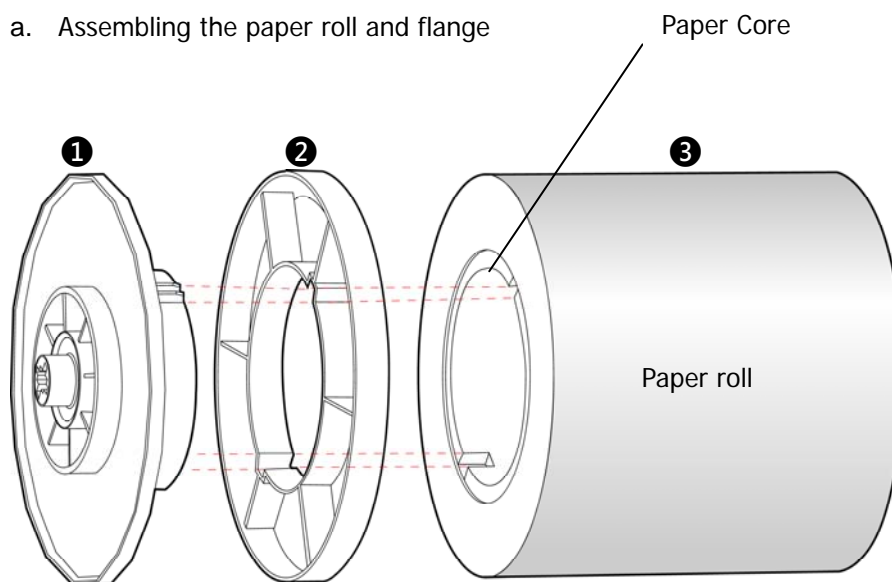
## Making P510S Ready to Print

- Installing the ribbon cartridge



- Installing the paper box

- a. Assembling the paper roll and flange

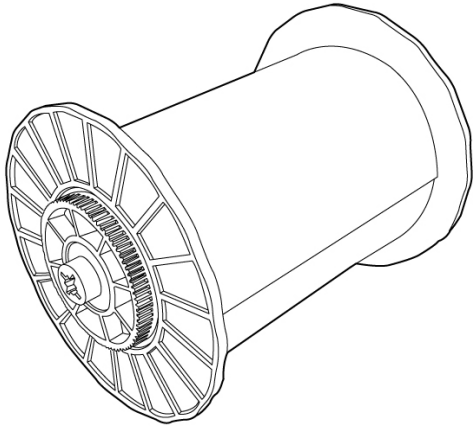


- ① = Flange (Two colors)
- ② = Spacer (Necessary only on 5x7 size paper roll installation)
- ③ = Paper roll

Upon assembly, please install the spacers in the paper flange (green) and paper flange (orange) first when using 5x7 size paper roll. The two spacers are identical.

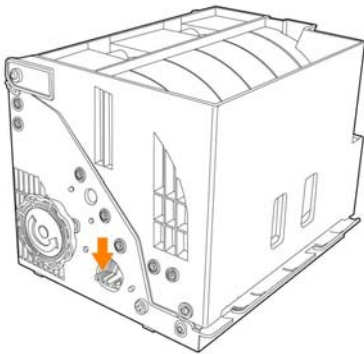
Match the notch of paper flange and the notch of paper core. Note that one side of paper core has 2 notches, and the other has 3 notches.

## Making P510S Ready to Print



(After assembly)

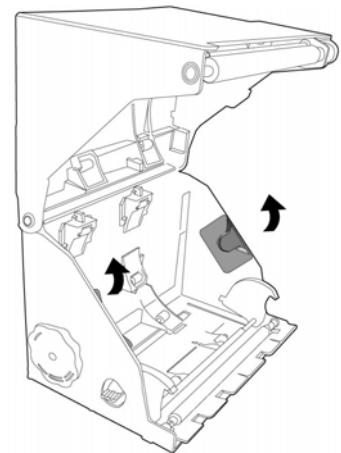
b. Putting the paper roll into paper box



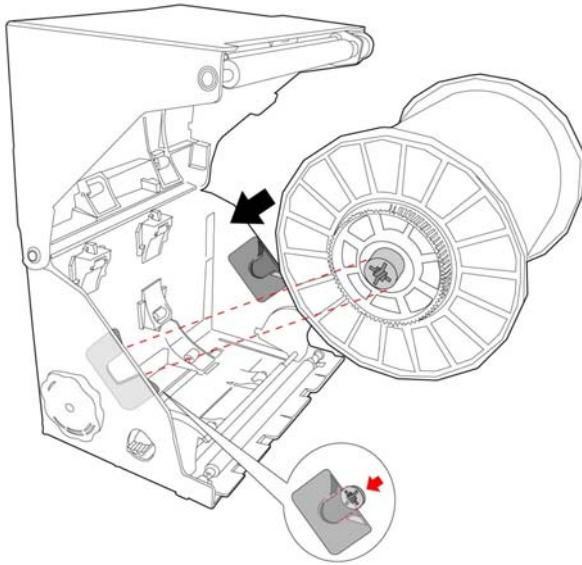
①

Flip the paper box as shown, and then press the box button to open the box.

(Open the box)



## Making P510S Ready to Print

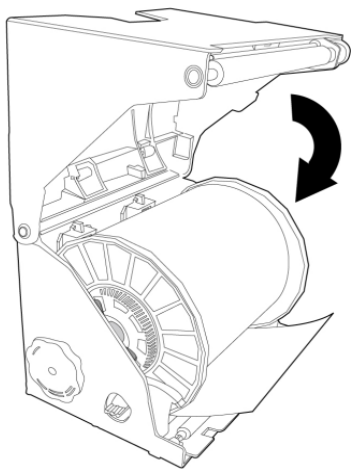
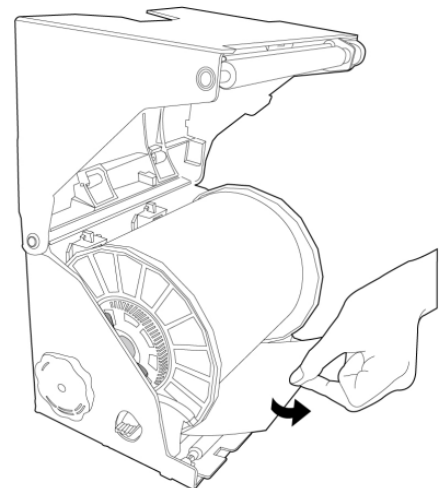


2

Place the paper roll into the box as shown, make sure the color of paper roll flange is in consistency with same color of flange holder inside the box.

3

Remove the seal from the paper after setting the paper roll, and then pull out the paper so that it comes out across the box edge.



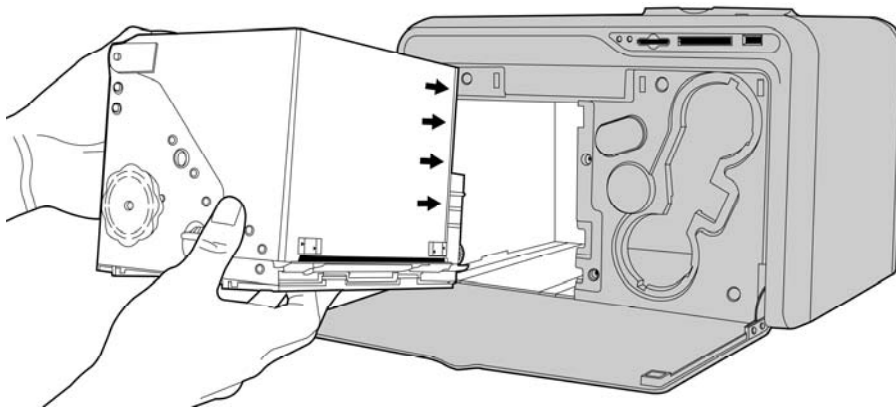
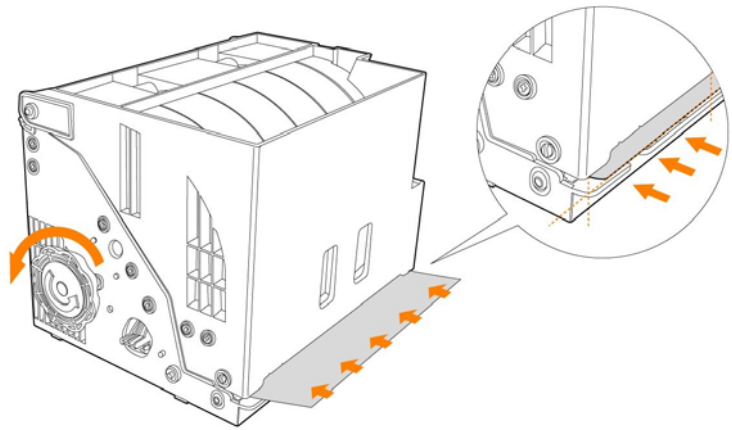
4

Close the box

## Making P510S Ready to Print

**5**

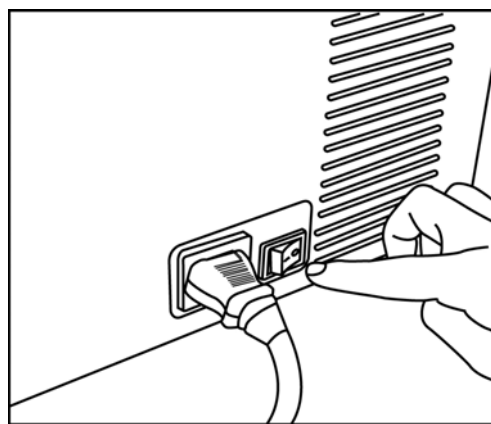
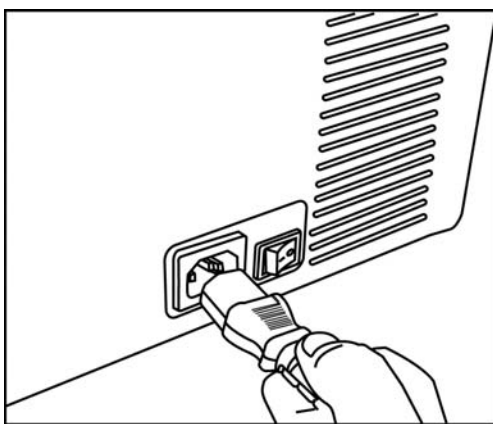
Rotate the knob counterclockwise to draw back protruding paper until it's straight and aligns with paper box bottom edge as shown.



**6**

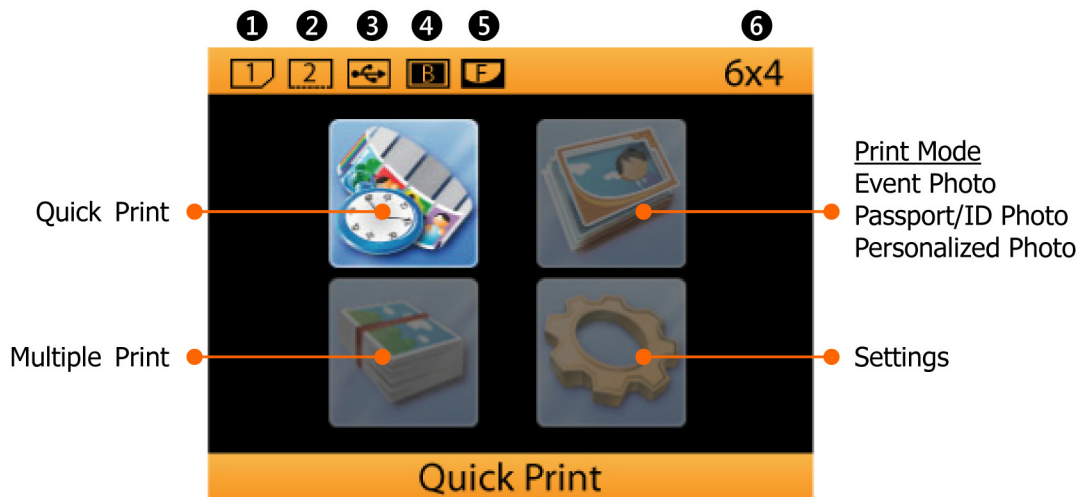
Load the paper box into the printer and then close the front door to finalize the installation.

- Powering up the printer



After the printer is turned on, your P510S is ready for use.

## Introduction of Standalone Function




- ① = Slot of SD / MS / MS Pro memory cards
- ② = Slot of CF I / CF II / IBM Micro drive memory cards
- ③ = USB host device (USB pen drive)
- ④ = Border Print\*  
\* When the icon shows up, it refers to the function of border print activated.
- ⑤ = eFrame\*\*  
\*\* When the icon shows up, it refers to the function of eFrame activated.
- ⑥ = Print Size

### Quick Print


Quick Print provides a way for users to print out a photo with all speed. It is designed for select-and-print user experience, and allows no work of Edit [  ] function.

### Multiple Print

Multiple Print provides varied printing categories: Selected Print, Batch Print, Print All, and Index Print. ONLY in Selected Print, Edit [  ] function is allowed to use.

- ➔ Selected Print
- ➔ Batch Print
- ➔ Print All
- ➔ Index Print

### Print Mode: Event Photo

Three different print modes are designed on P510S Series. On print mode icon,  button is the HOT KEY for quickly switching the print mode among Event Photo, Passport/ID Photo, and Personalized Photo. In *Event Photo*, as long as the eFrame is selected it ALWAYS applies to finishing photo till the print mode is reset.

### Print Mode: Personalized Photo

Personalized Photo provides two printing functions, Collage Print and eFrame Print.

*Collage Print* gives many photo finishing formats for users to apply and creates added-value to prints. The collage formats vary according to print size set then.

*eFrame Print* is designed for the need of eFrame application, but just for a single printing job. After the printing job is complete, eFrame selected earlier will be inactivated.

### Print Mode: Passport / ID Photo

*Passport/ID Photo* is designed for the need of ID photo finishing.

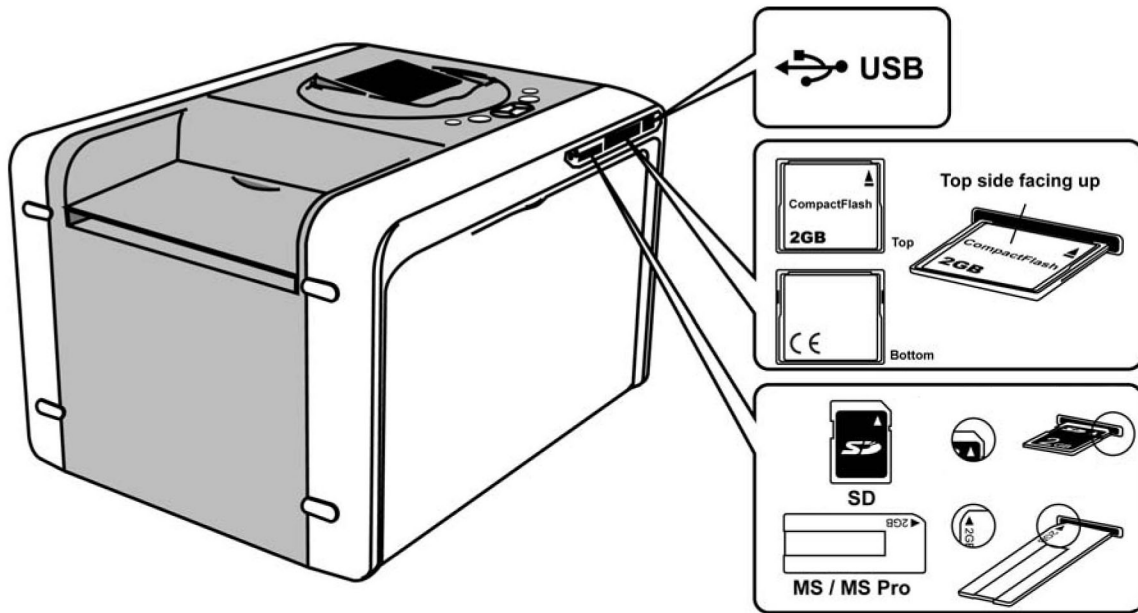
## Standalone Function

### Settings

- Printer Settings
  - Print Mode (Event Photo, Personalized Photo, Passport/ID Photo)
  - ColorWizard (HiTi Classic Color)
  - Color Filter
  - LCD Adjustment
  - Languages
  - Video-Out (NTSC, PAL, OFF)
  
- Advanced Settings
  - Wireless-Camera
  - Wireless-Mobile Phone
  - LinkPrint™
  - Border Print
  - Date Print
  - Print Size
  
- Printer Maintenance
  - Printer Cleaning
  - Paper Cutting
  - Offset Alignment
  - Jam Recovery
  - Print Count
  
- eFrame
  - Browse
  - Load
  - Delete Selected
  - Delete All
  
- About

## Printing Out Photo(s) By Standalone

- Correctly inserting the memory card

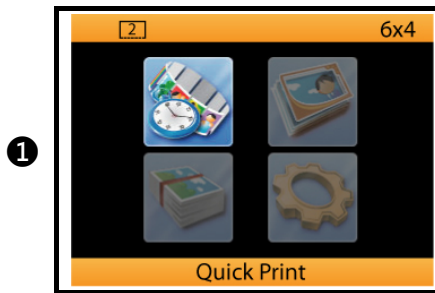


### Note


A USB card reader or adapter is needed when the Memory Stick Duo is used.

## Printing Out Photo(s) By Standalone




- Photo finishing by *Quick Print*



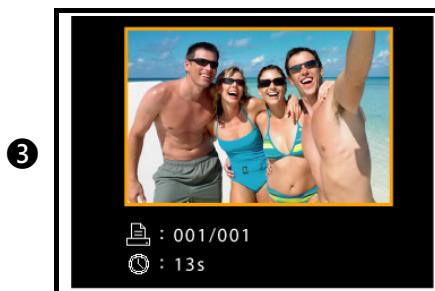
Quick Print provides a way for users to print out a photo with all speed.

Go to Quick Print and press [  ] to continue



Use [   ] to select a photo and press [  ] to start printing

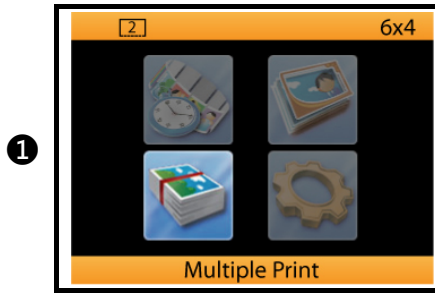
\* Edit function **CANNOT** be used on Quick Print



Selected photo is being printed

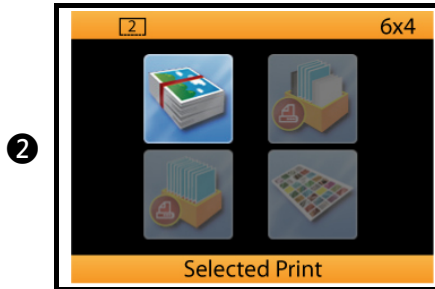
## Printing Out Photo(s) By Standalone

- Photo finishing by Multiple Print: *Selected Print*



Multiple Print provides varied printing categories for users in photo finishing:

- 1) Selected Print
- 2) Batch Print
- 3) Print All
- 4) Index Print



Selected Print is designed for users to print multiple photos at one time. Users are allowed to set copies and do photo enhancement for each image.

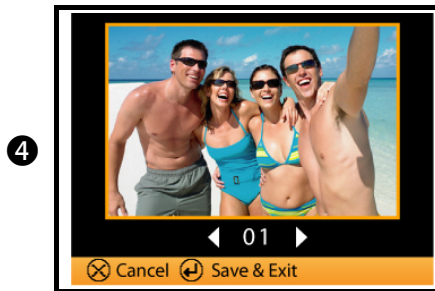
Select Selected Print and press [ ← ] to continue



[ ← ] to select a photo

[ ← ] to set the copies, if need.

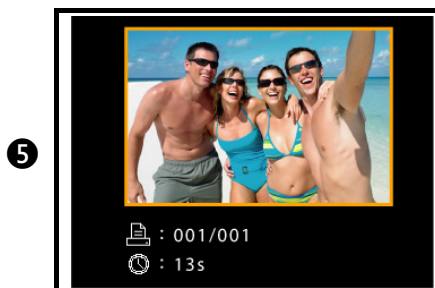
[ ⌂ ] to edit image



[ ← ] to change copies

[ ← ] to save the setting

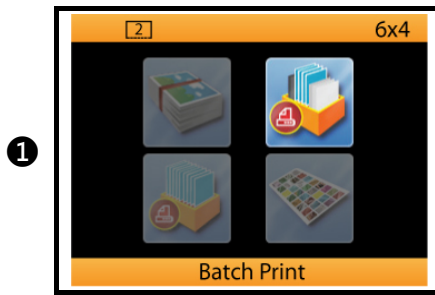
By repeating step 3 & 4 on different images, multiple images can be printed at one time




Selected photo(s) are being printed

## Printing Out Photo(s) By Standalone

- Photo finishing by Multiple Print: *Batch Print*





Batch Print is designed for users to print as many as digital photos by few clicks.

By setting **Start** and **End**, images in between will be printed. Please note that **function of Edit [  ] CANNOT be used on Batch Print.**




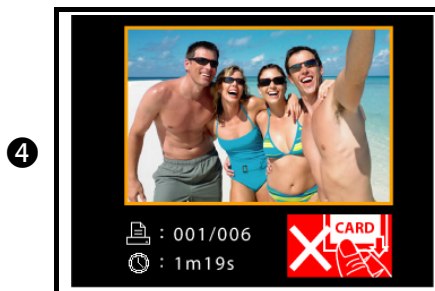
[  ] to select the image

[  ] to set or cancel the Start/End image

\* If you've set the **Start** and would like to change, please target that photo and then press [  ] to cancel previous setting.



After Start and End image are determined, [  ] button will blink reminding you to start printing.



Photos between **Start** and **End** are being printed

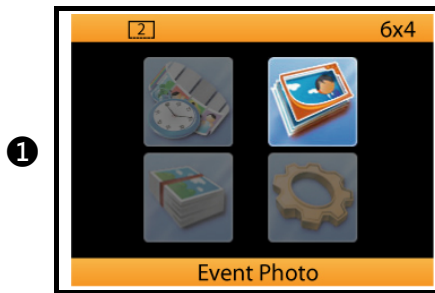
Note:




: DO NOT remove memory card

## Photo Finishing With eFrame On


- Photo finishing with eFrame on by the print mode: *Event Photo*



Two of three print modes are capable of eFrame application, Event Photo & Personalized Photo

[  ] is the hot key to quickly switch the print mode among Event Photo, Personalized Photo, and Passport/ID Photo.



Select an eFrame and press [  ] to activate

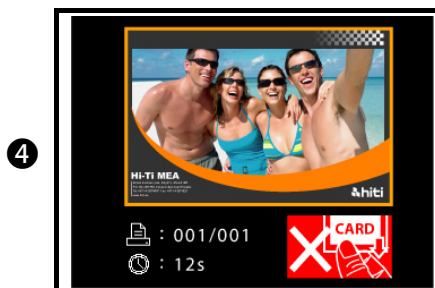
eFrame presented here all hinges on the print size set then. For example, if the print size is set at 4x6, only 4x6 compatible eFrame will be listed herein.



After eFrame is activated,  icon is listed on the top of main page.



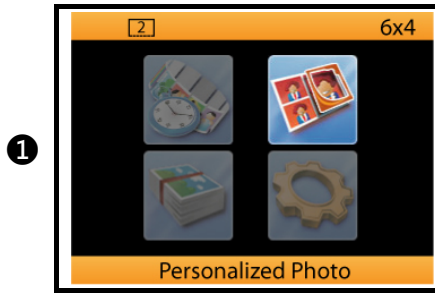
Go to Multiple Print\Selected Print and choose images to be printed.



The selected image is being printed with eFrame on.

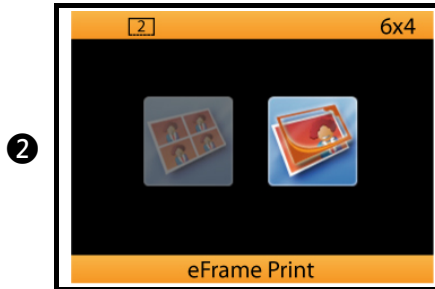
## Photo Finishing With eFrame On

- Photo finishing with eFrame on by the print mode: *Personalized Photo*



Personalized Photo provides 2 options for users to apply: Collage Print & eFrame Print

In eFrame Print, users can print one or multiple images with designated eFrame on. However, the designated eFrame will be deactivated after printing job is completed.



Go to eFrame Print




Select an eFrame for further use

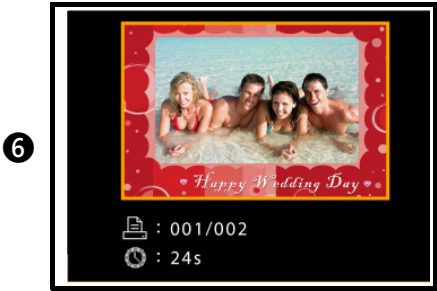


Select one or multiple images for eFrame Print.




As long as an image is set at least one copy, [  ] button will blink reminding you to print.

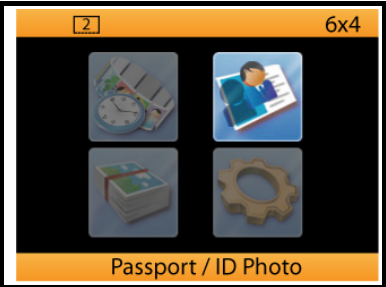

# Photo Finishing With eFrame On

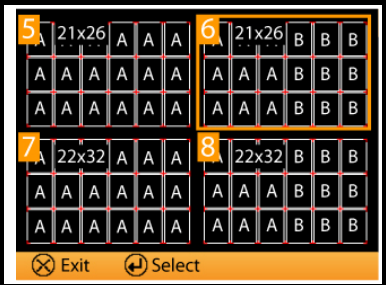





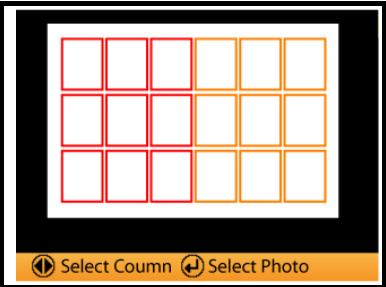



Photos are being printed with eFrame on






## Printing Out Passport/ID Photo(s) By Standalone

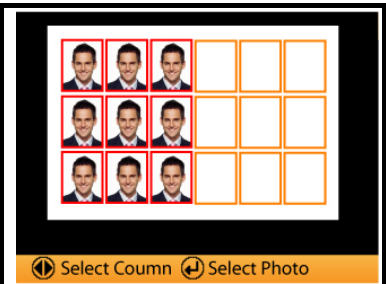
Before making ID photos, print mode must be set at Passport/ID Photo. By the hot key [  ], print mode can be quickly switched to Passport/ID Photo.

1  Make sure the print mode is set at Passport/ID Photo, and then press [  ] to next

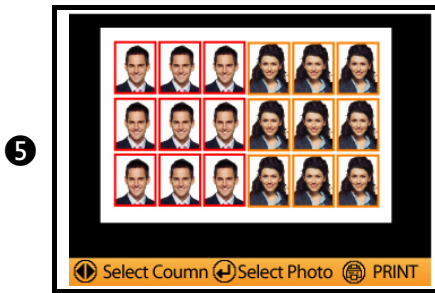
2  [   ] to target an ID format  
[  ] to select


3  [   ] to select the column  
[  ] to select the photo

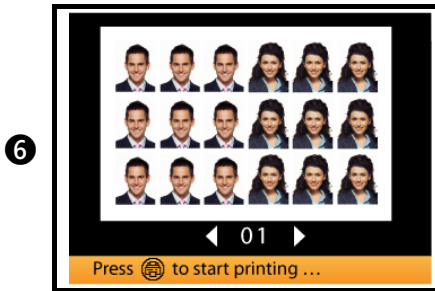
3  [   ] to target the image  
[  ] to select the image  
[  ] to edit image  
Edit your ID photo, if need.


4  Selected image is loaded to designated column.  
Repeat step 3 & 4 till all columns are fully loaded.



## Printing Out Passport/ID Photo(s) By Standalone



When all columns are fully loaded, the printer will remind you to press [  ] for printing.

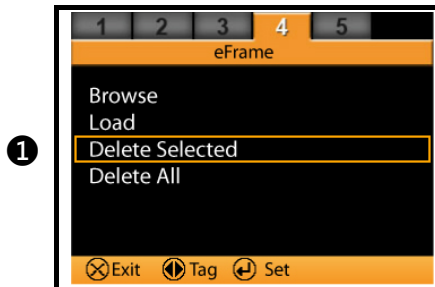


Set the copies of print and then press [  ] to start printing.

[   ] to set copies of print

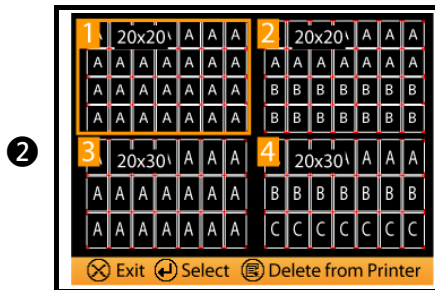
## How to Manage My Photo eFrame or ID Format

P510 photo eFrame and ID format are saved in the internal flash of the printer. Users can freely add new or delete undesired files from the printer. Before managing them, there's need to check the status of print mode in advance. In case the print mode is set at Event Photo or Personalized Photo, only photo eFrame can you manage. If you'd like to manage your Passport/ID formats saved in the printer, you need to set the print mode at Passport/ID Photo.

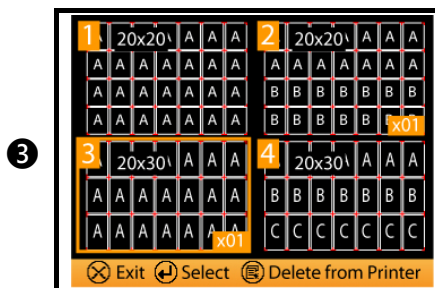


Go to Settings, and use [ ◀ ▶ ] to Tag 4: eFrame. If you'd like to add new photo eFrame or ID formats, please execute Load. Before loading new eFrame or ID formats, be sure you've inserted the memory card with new files.

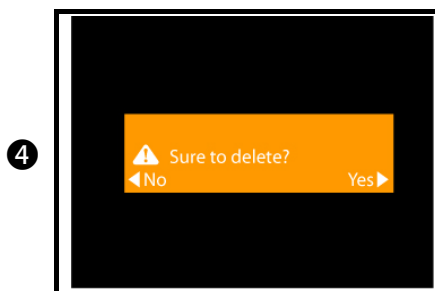
If you'd like to delete photo eFrame or ID formats from the printer, please execute Delete Selected or Delete All.



Select those you'd like to add or delete.



Use [ ◀ ] to mark the photo eFrame or ID formats you'd like to add or delete. Use [ ⏏ ] to load from the memory card or delete from the printer.



If you do want to delete, please use [ ▶ ] button to execute. Conversely, use [ ◀ ] button to discard.

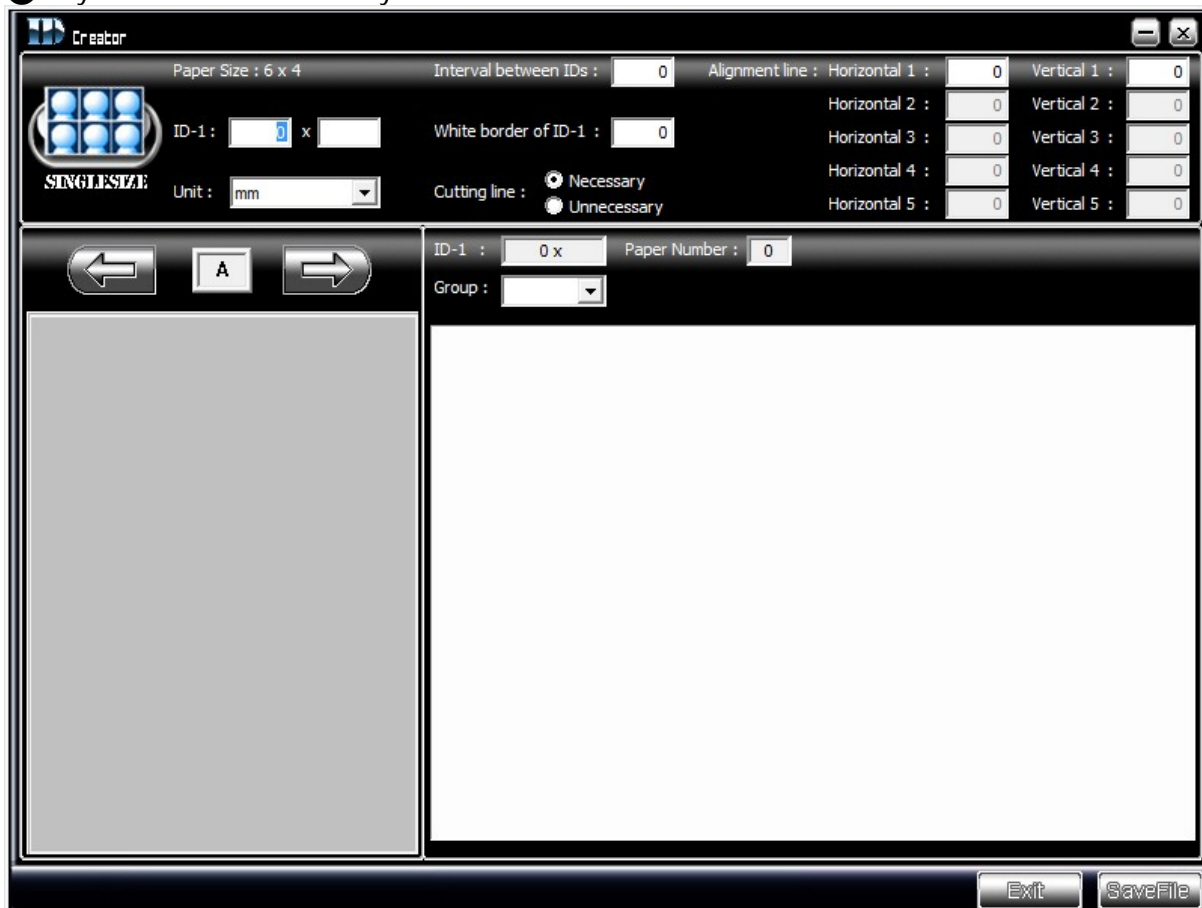
## How to Use ID Creator to Make New ID Formats

Before using ID Creator, please make sure you've installed this program onto the computer. You can find the software source on the CD of printer driver.

- 1 Choose a item to apply



- 2 Key in the size of ID format you'd like to have.



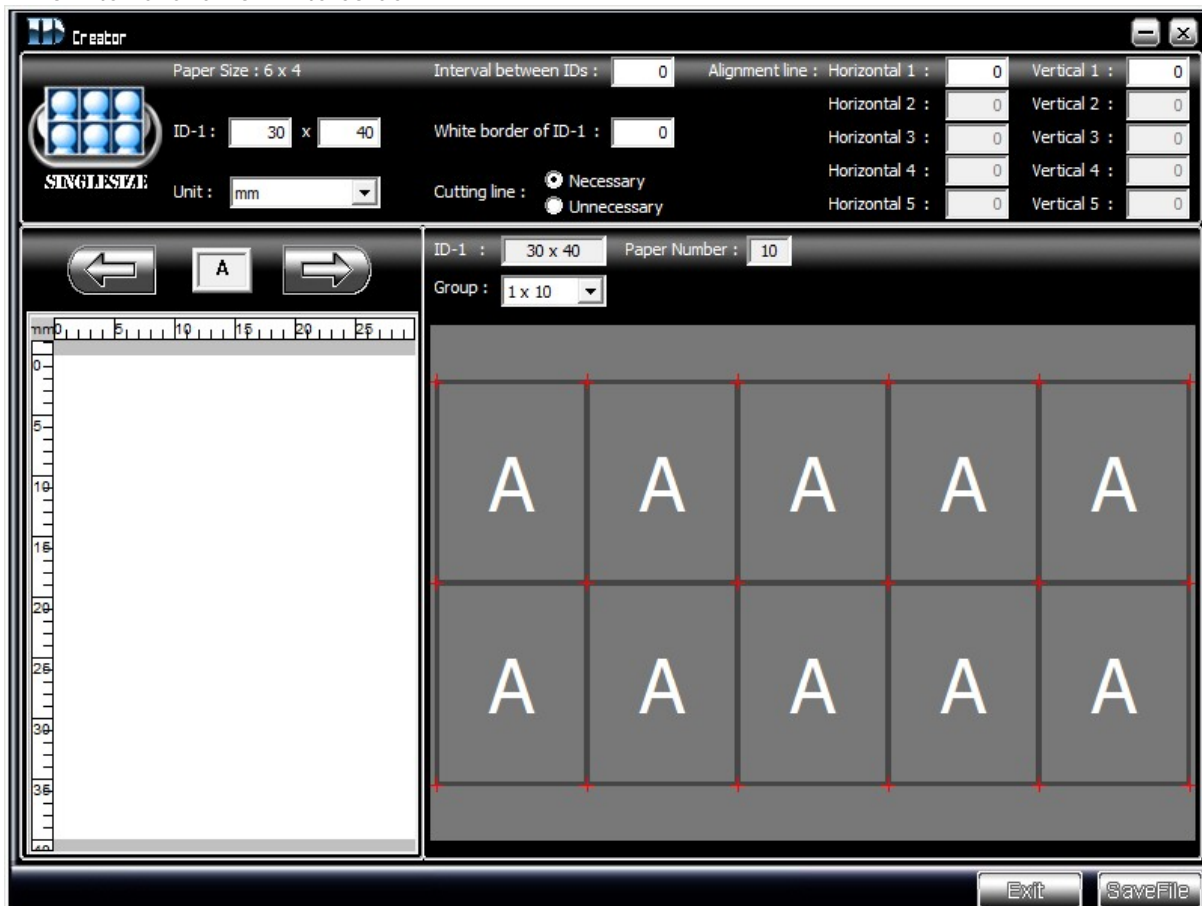
## How to Use ID Creator to Make New ID Formats

(Continue from last page)

ID Creator will automatically produce the format right after you give the size. You can decide whether to set Interval between ID formats or White border for the ID prints.

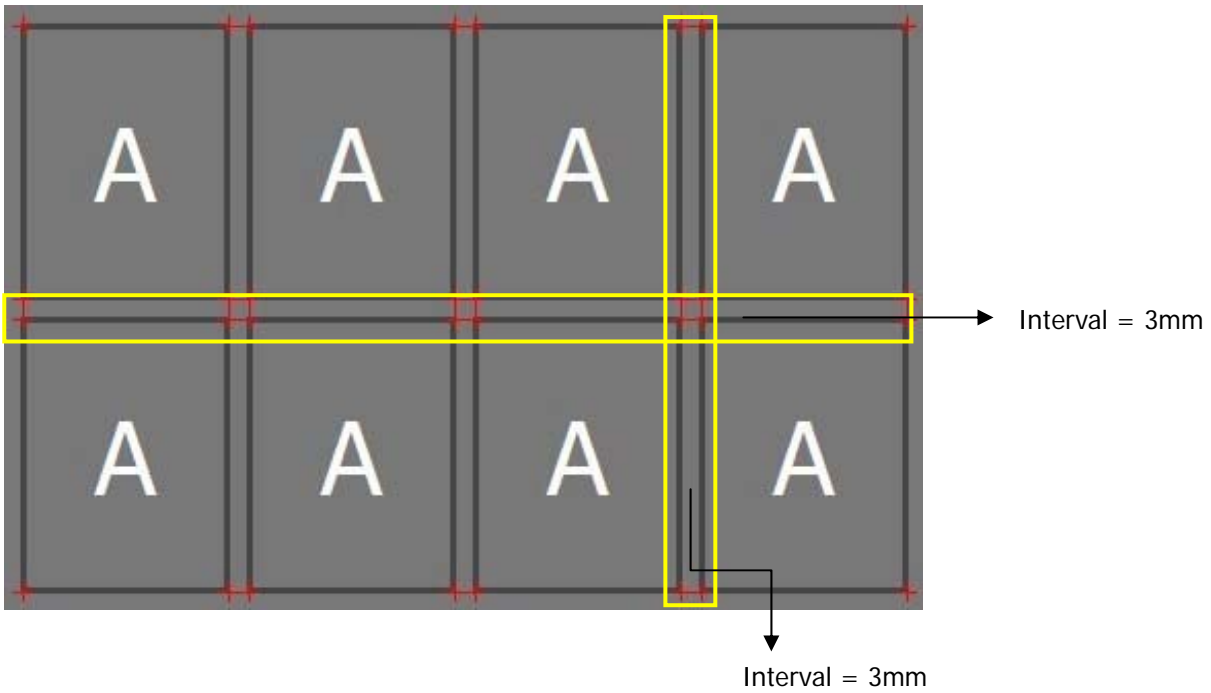
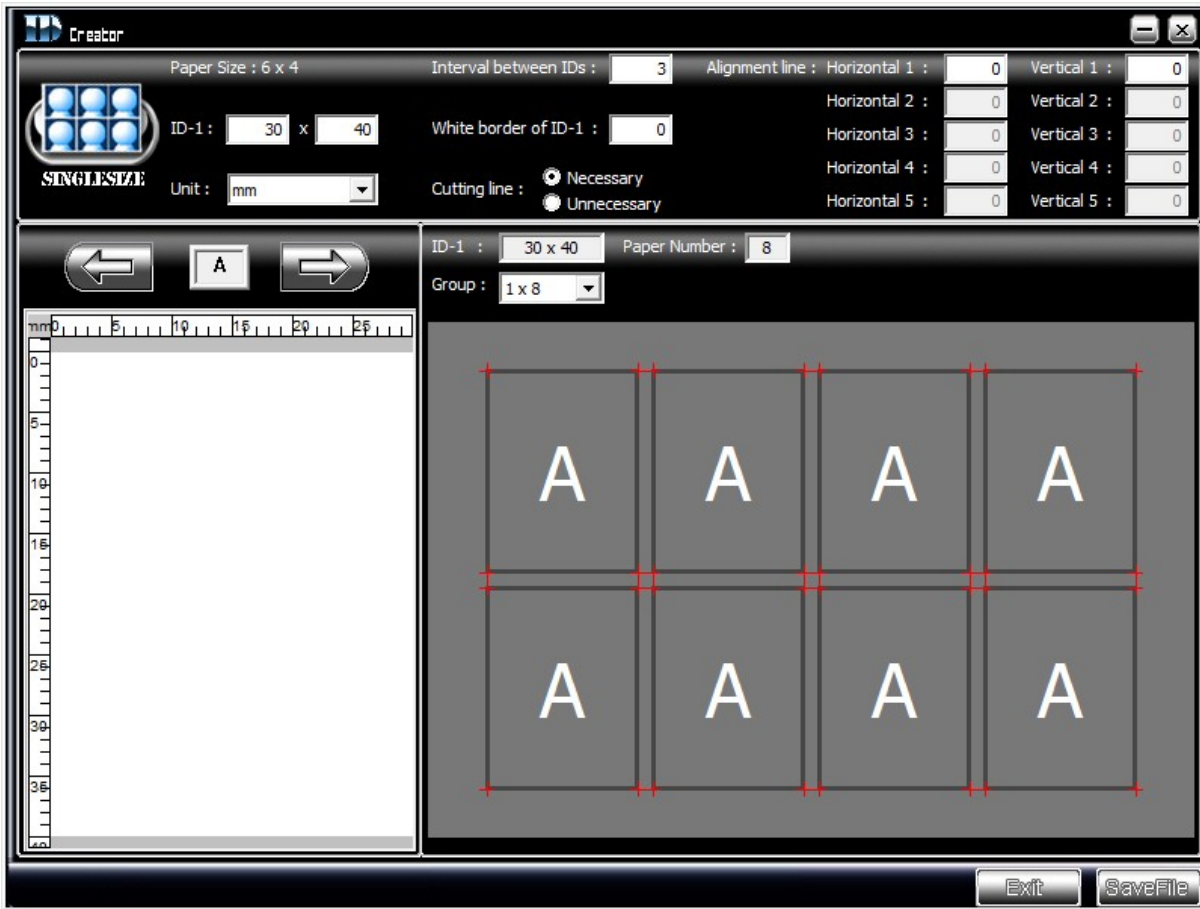
+

= No Interval and no White border =



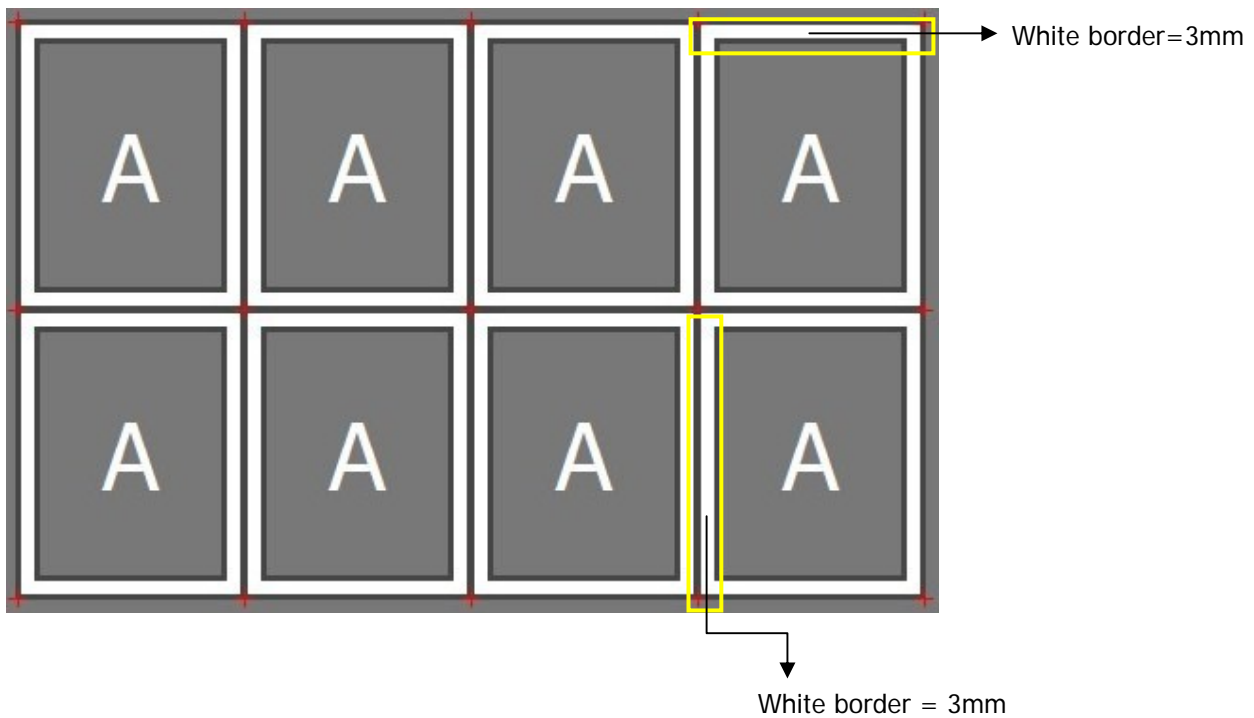
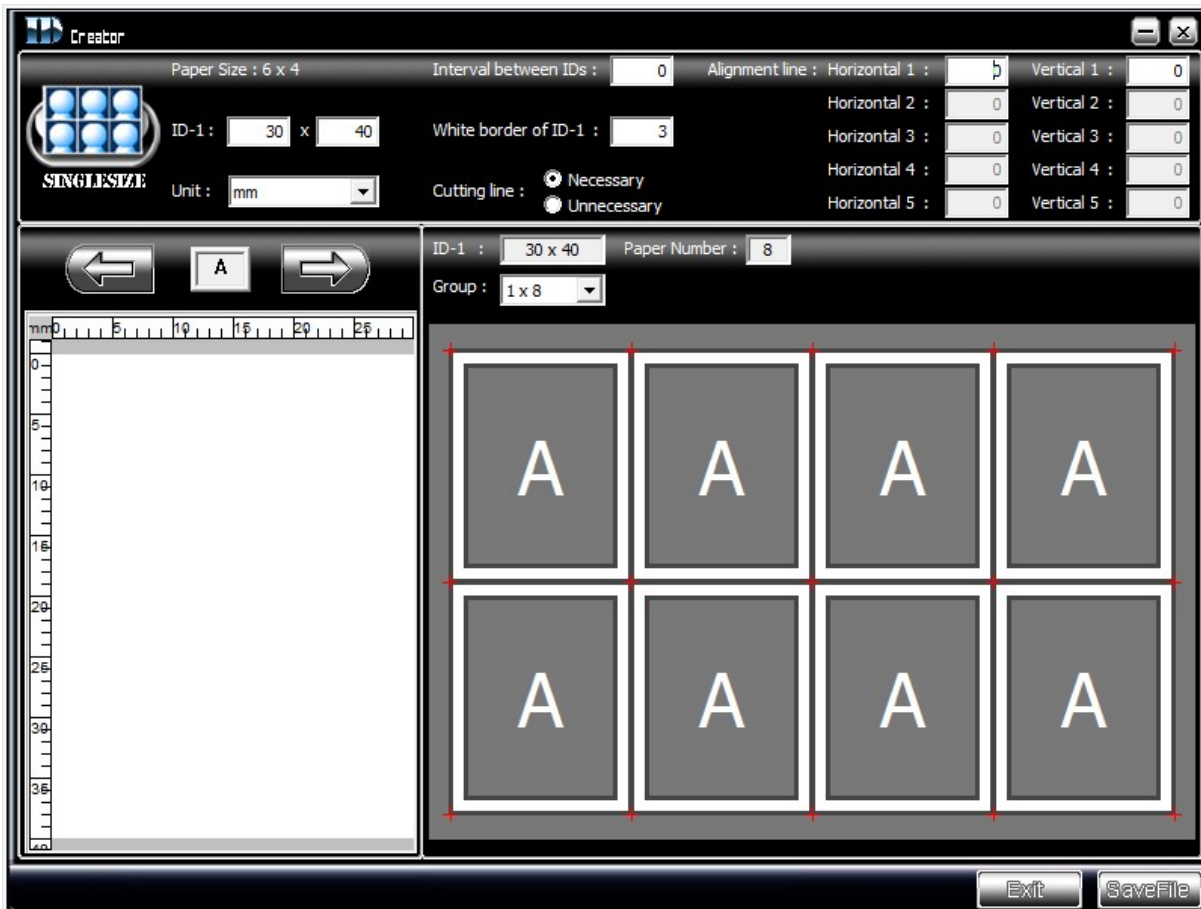
# How to Use ID Creator to Make New ID Formats

= With Interval but no White border =



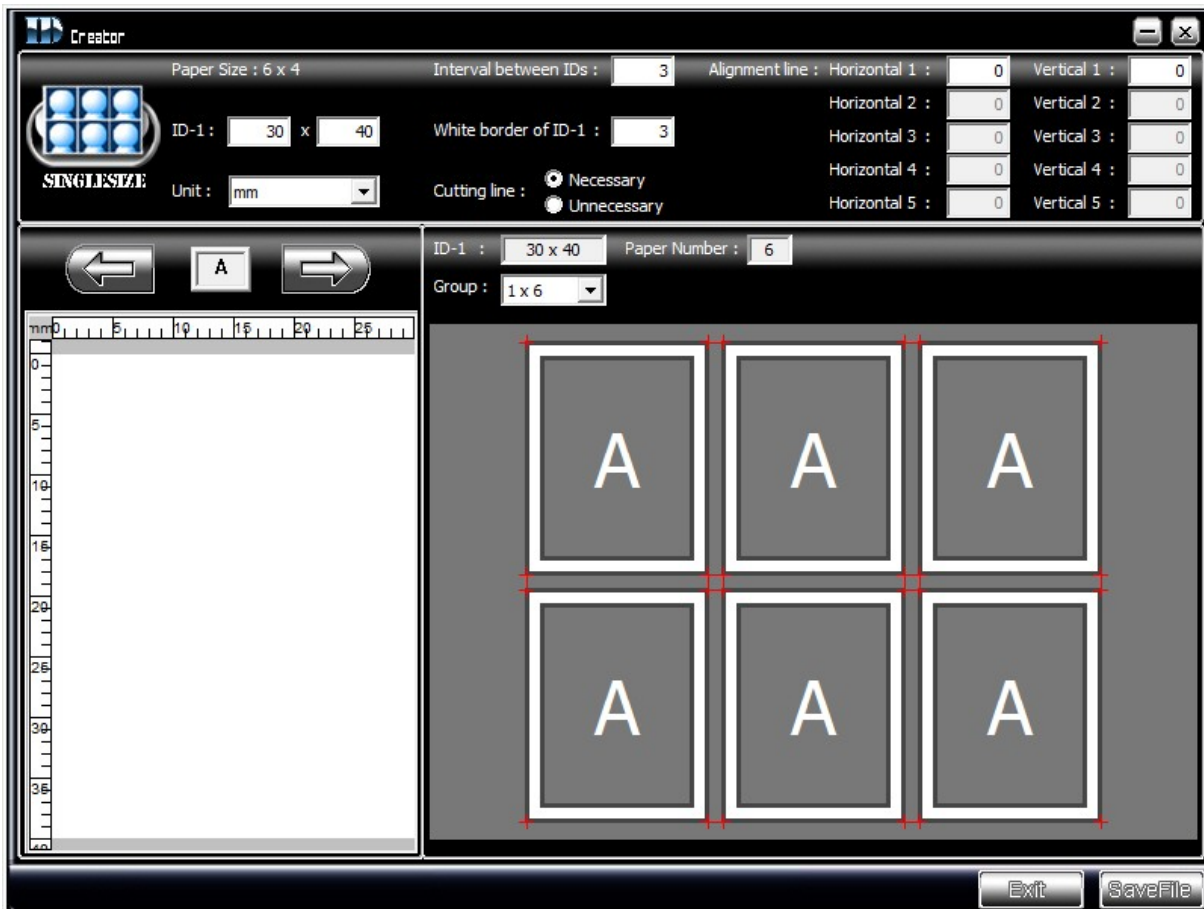
## How to Use ID Creator to Make New ID Formats

= No Interval but with White border =



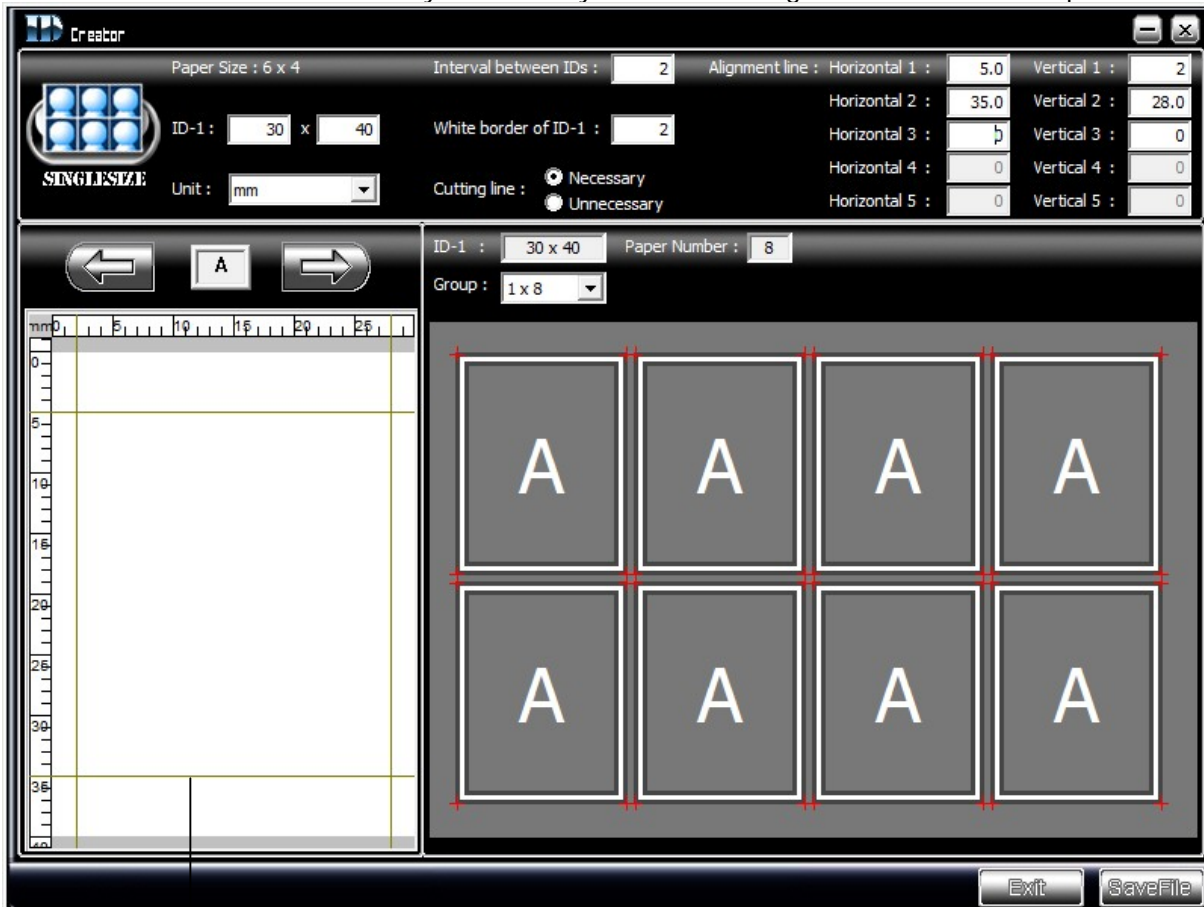
## How to Use ID Creator to Make New ID Formats

= With Interval and White border =



## How to Use ID Creator to Make New ID Formats

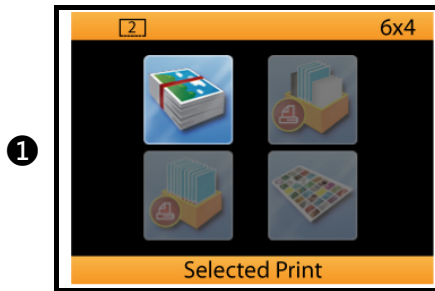
- 3 Set alignment line [or biometric line], if need. ID Creator allows 5 alignment lines each for horizontal and vertical orientation. You can key in or directly draw out the alignment line from the top or side meter.



Alignment line (or biometric line)

## How to Edit My Photo(s) – Photo Enhancement

P510 allows users to Edit their digital photos with no inconvenience.




Function of Edit **CAN ONLY BE USED** on following functions:

- 1) Multiple Print\Selected Print
- 2) Personalized Photo\Collage Print
- 3) Personalized Photo\Event Print
- 4) Event Photo
- 5) Passport / ID Photo






Select an item and press [  ] to start editing the photo

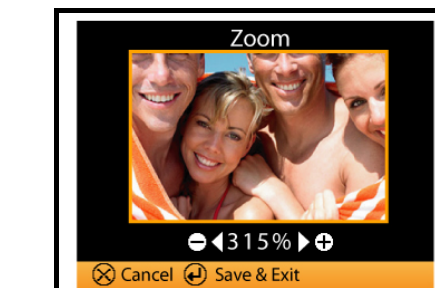


Select an item and press [  ] to start using the function






Example: Color R/G

Use [   ] to adjust color diversion between Red and Green and then press [  ] to save the setting.

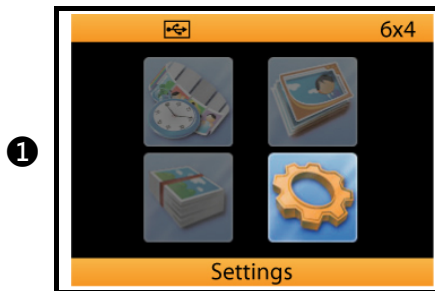


Example: Zoom

Use [   ] to change the value and then press [  ] to save the setting.

## What Is Color Filter & How It Works

Color Filter is similar to the adjustor of P510 series driver. All adjustment made will be applied to all finished photos. Before using Color Filter, please make sure you've inserted a memory card with at least one digital photo. The referencing photo of Color Filter derives from the memory card.



Go to Settings and press [ ] to continue



Select Color Filter below Tag 1

Before setting color filter, please make sure you've inserted a memory card with at least one digital photo to the printer. The source for setting Color Filter derives from the memory card inserted in the printer.



Choose an image as the reference for setting Color Filter



Select an item to set  
Brightness, Contrast, Sharpness, Color R/G, and Color B/Y are accessible to Color Filter settings.

After setting, press [ ] to exit, and new setting is effective on the printer.

## PC-Link Printing

Before working on photo finishing, please make sure you have followed the User's Manual booklet supplied for printer installation. Please pay particular attention to the safety instructions.

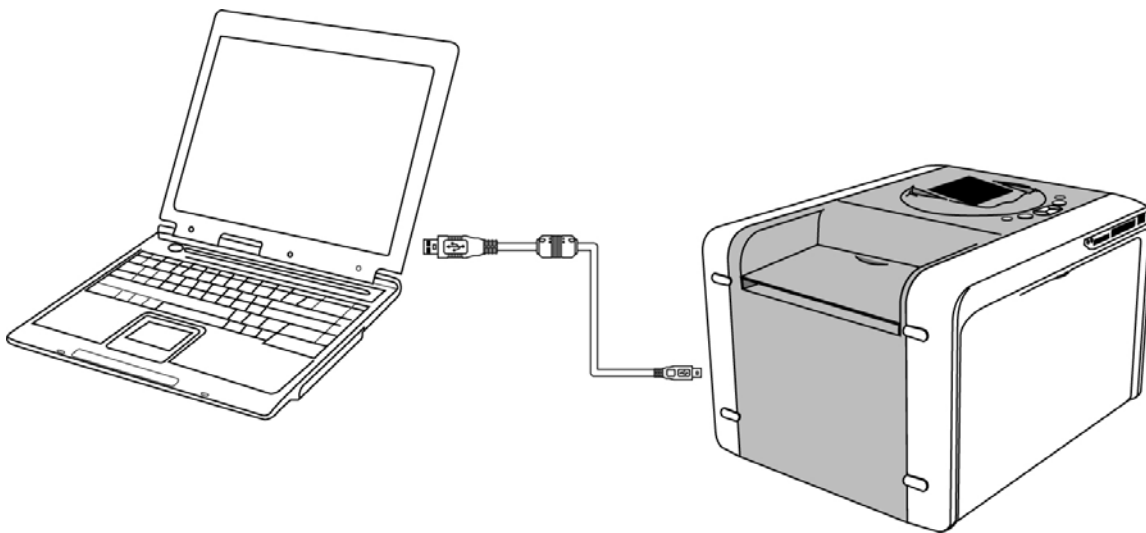
The printer driver enables you to do photo printing through a computer. Please see below for the system requirement of a PC.

### System requirement

- Intel Pentium or compatible PC
- Windows 2000/XP/Vista (32 bit), Mac OS X 10.2 to 10.5
- 128MB RAM or higher
- 100MB or more free hard disk space
- CD-ROM or DVD-ROM drive

### Connecting the printer to a PC

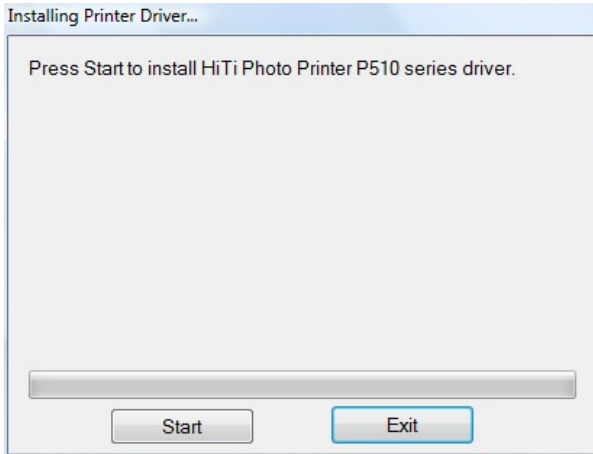
Please connect the printer to your PC via supplied USB cable. If it is missing in the package, please reach the local dealer or contact HiTi customer service center nearest to you.



## PC-Link Printing

### Installing the printer driver

- 1) Make sure the printer is turned off
- 2) Insert the CD into CD/DVD ROM, and then the computer will automatically start the installation. If the installation does not start automatically, please run the **autorun.exe** file in the driver CD.

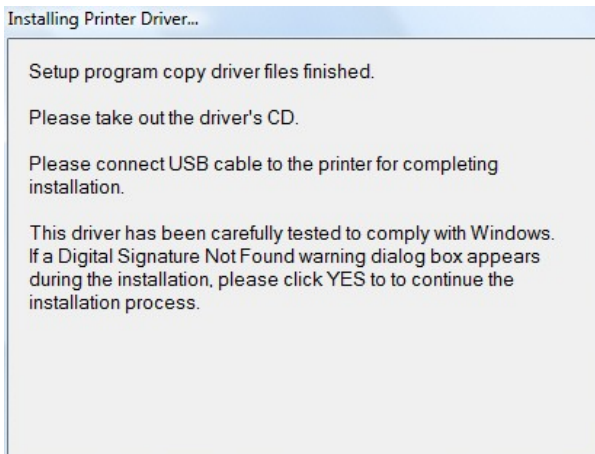


Press [Start] for driver installation



You might be informed the security and asked for installation. Please select "Install this driver anyway" to continue.

- 3) If the driver is successfully installed, you got to turn on the printer. After turning on, your PC will find new hardware and ask for your advice.



Installation complete, please turn on the printer



New hardware found, please select "Locate and install driver software" to finalize the driver installation

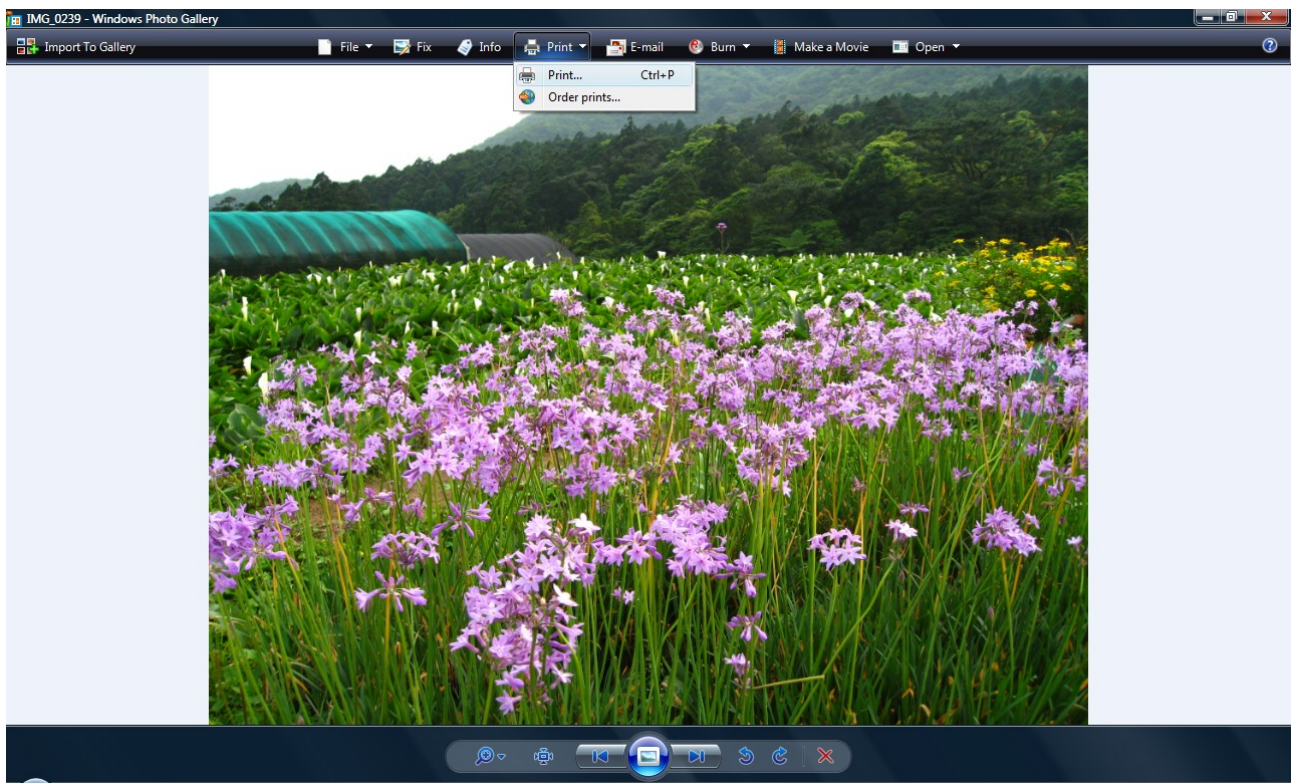
## Photo Finishing By PC-Link Printing

Software: Windows Photo Gallery

Step 1: Select an image and use Windows Photo Gallery to browse



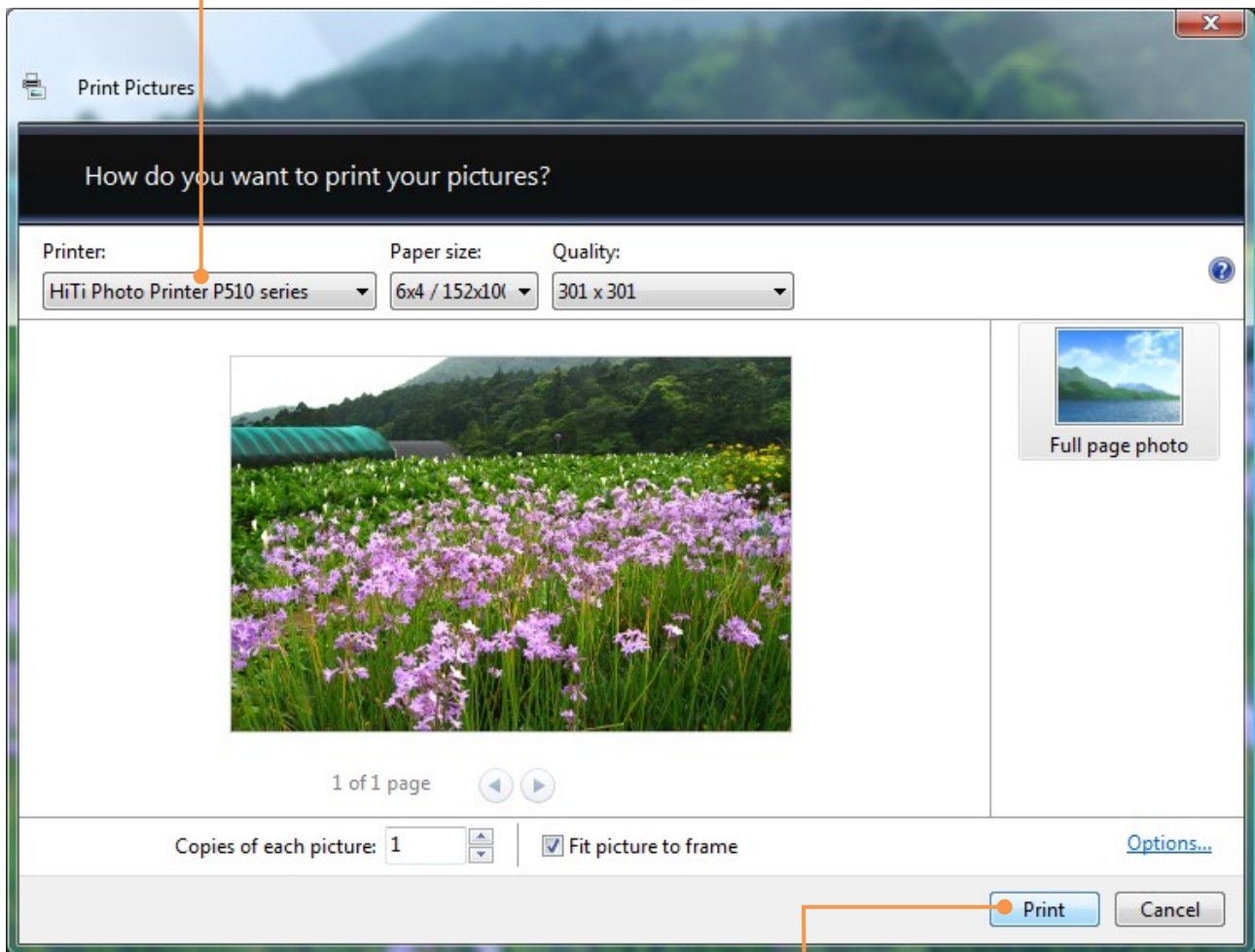
Step 2: Click the icon [  ] and choose "Print"



## Photo Finishing By PC-Link Printing

Step 3: Print pictures

Make sure P510 is truly selected



Click "Print" to photo finishing...

## Specification

Please note that specification of P510 Series is subject to change without notice.

Item	Description
Resolution	300 x 300 dpi
Max Prints Size	6x9 borderless
Printing Speed (4x6)	Around 12 sec
Capacity	4x6: 330 images
	5x7: 190 images
	6x8 / 6x9: 150 images
Printing Category	4x6 / 5x7 / 6x8 / 6x9 / 6x9-2UP
Display	3.6-inch TFT LCD (Tilt-able)
Memory Card*	CF & Micro Drive / SD (SDHC) /MS / MS Pro / USB Pen Drive
Wireless Capability	802.11b/g compatible (P510Si only)
Driver	Windows 2000/XP (32/64-bit)/Vista (32/64-bit)/Mac OS X v10.2 to v10.5
Power Requirement	AC 100 V~240 V, 50 / 60 Hz
Operation Condition	10°C~35°C / 50°F~95°F; 20~75% non-condensing
Dimension & Weight	392x298x245mm, 30lbs (consumables excluded)

# How to Do Direct Wireless Printing By P510Si

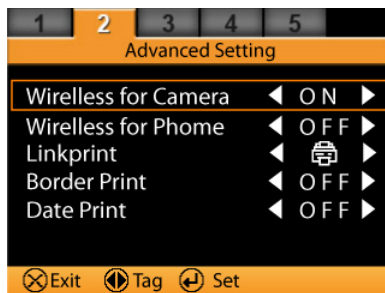
## Scenario 1

Using Canon DSLR to take pictures and printing photos by P510Si

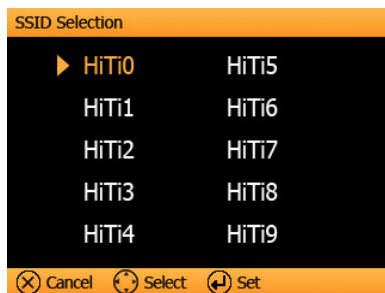
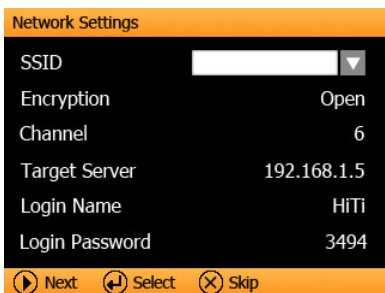
(Example on **Canon 30D/20D**)

Before the setting, you need to connect Canon wireless file transmitter to your camera in advance. For detailed instruction of transmitter setting, there's need to read the user's manual of Canon wireless file transmitter WFT-E1A. On P510Si, we provide a brief introduction of how to set up your Canon transmitter.

- 1) On P510Si, go to **Settings \ Advanced Setting**
- 2) Select **Wireless for Camera** and then enable the function. Exit the setup page and wireless adapter automatically activates. See below for detail



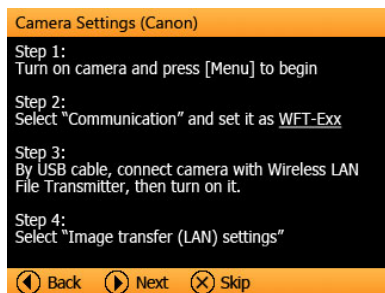
- 3) After wireless function is activated, by **EDIT** button users can see the detailed info about wireless adaptor of P510Si. Press " X " to start the instruction of setting camera wireless file transmitter.



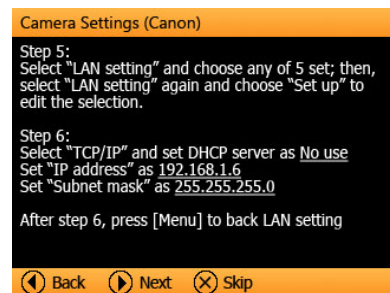
SSID is allowed to change freely. However, setting of SSID on P510Si **MUST** be consistent with SSID setting on camera transmitter.



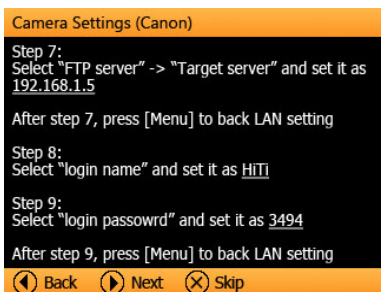
Selecting Canon camera



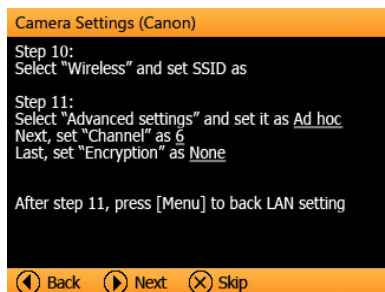
Connecting transmitter & camera



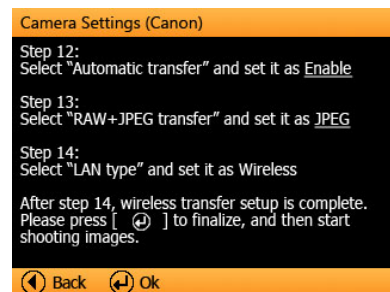
Working on LAN setting




FTP setup



SSID setup



If setup is correct, you will see signal  shown on LCD of transmitter

After transmitter setting is done, you can start taking pictures on your Canon camera

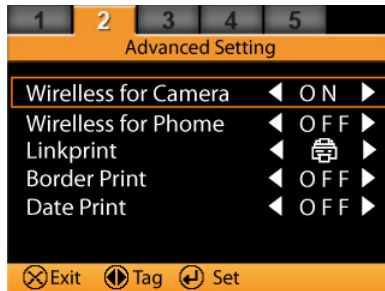
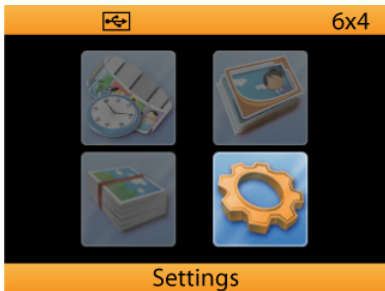
## Scenario 2

Using Nikon DSLR to take pictures and printing photos by P510Si

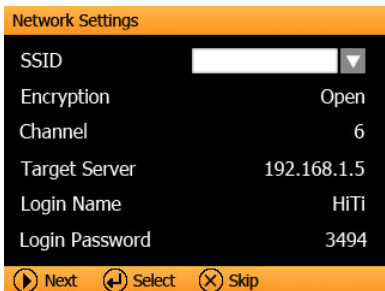
(Example on **Nikon D200**)

Before the setting, you need to connect Nikon wireless transmitter to your camera in advance. For detailed instruction of transmitter setting, there's need to read the user's manual of Nikon wireless transmitter WT-3. On P510Si, we provide a brief introduction of how to set up your Canon transmitter.

- 1) On P510Si, go to **Settings \ Advanced Setting**
- 2) Select **Wireless for Camera** and enable the function. Exit the setup page and wireless adapter automatically activates. See below for detail



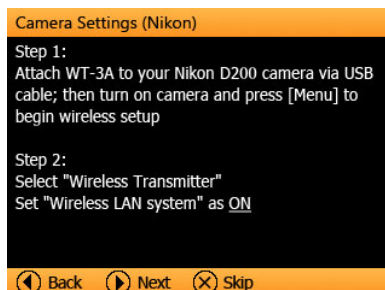
- 3) After wireless function is activated, by **EDIT** button users can see the detailed info about wireless adaptor. Press "X" to start the instruction of setting camera wireless file transmitter.



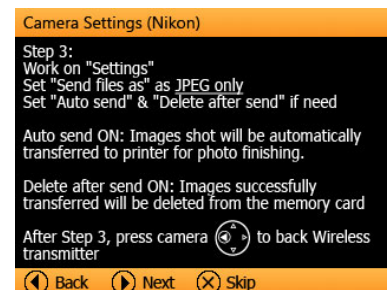
SSID is allowed to change freely. However, setting of SSID on P510Si **MUST** be consistent with SSID setting on camera transmitter.



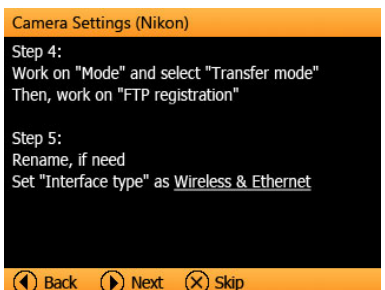
Select camera in advance



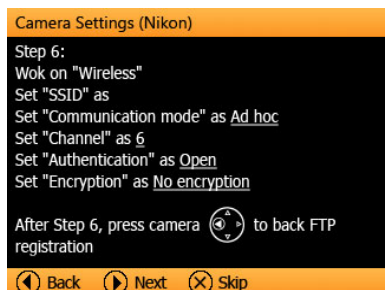
Installing WT-3A to Nikon D200



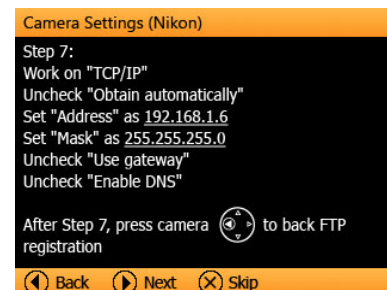
Basic setting of image transferring



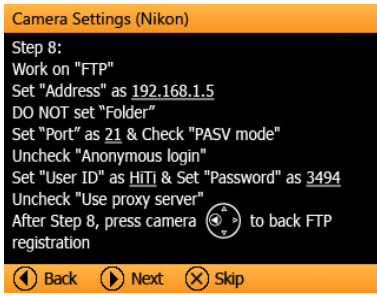
FTP registration



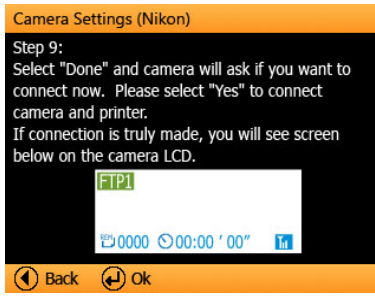
Set SSID (Must be same as printer)




TCP/IP setup



FTP setup



If setup is correct, you will see signal  shown on camera LCD