

The background features a network diagram with several nodes (circles) connected by lines. The nodes are in various shades of blue, and the lines are thin and light blue. The overall aesthetic is clean and technical.

# AirCastPro<sup>TM</sup> II

Mobile and Desktop Wireless Print Server

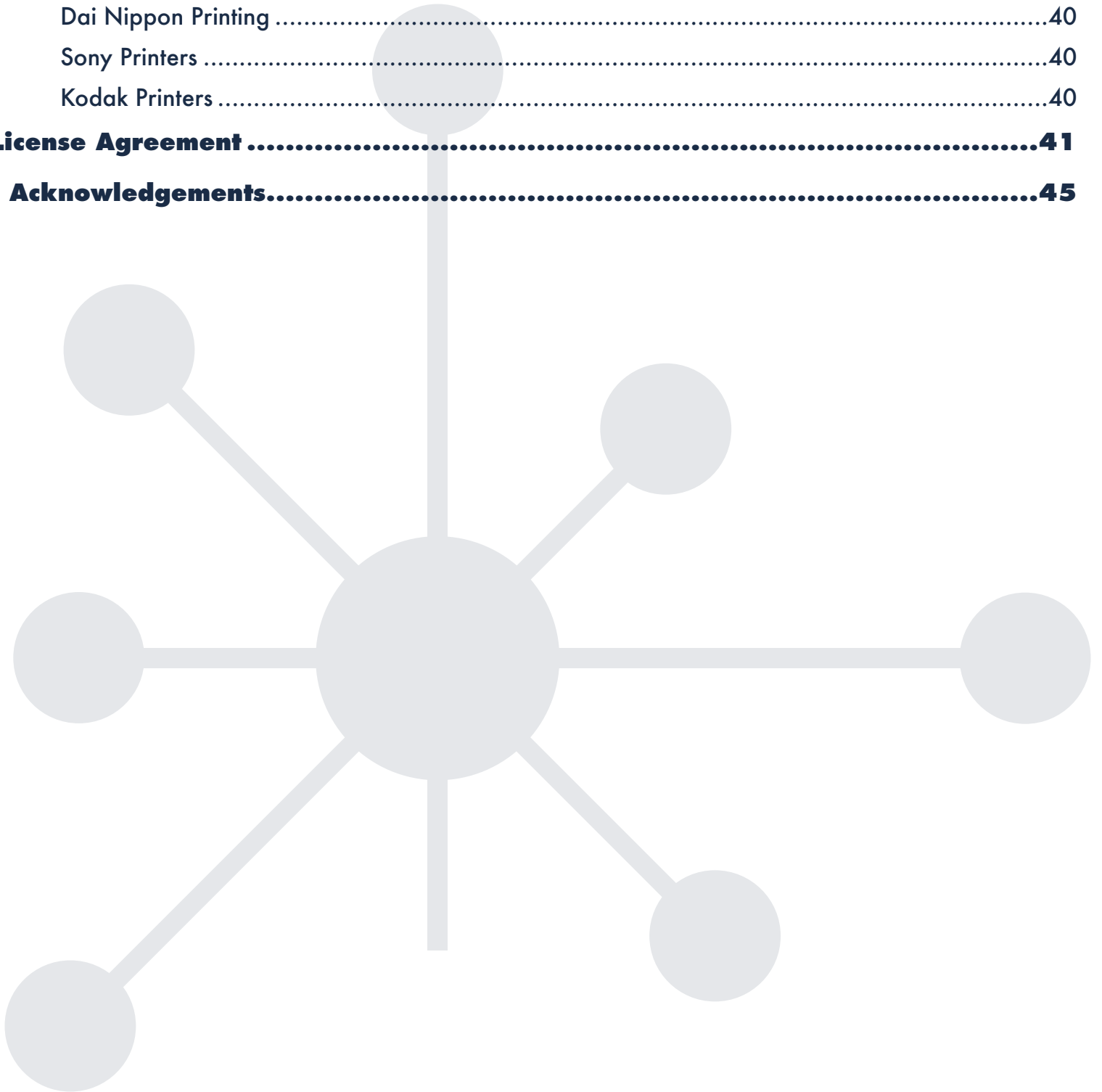


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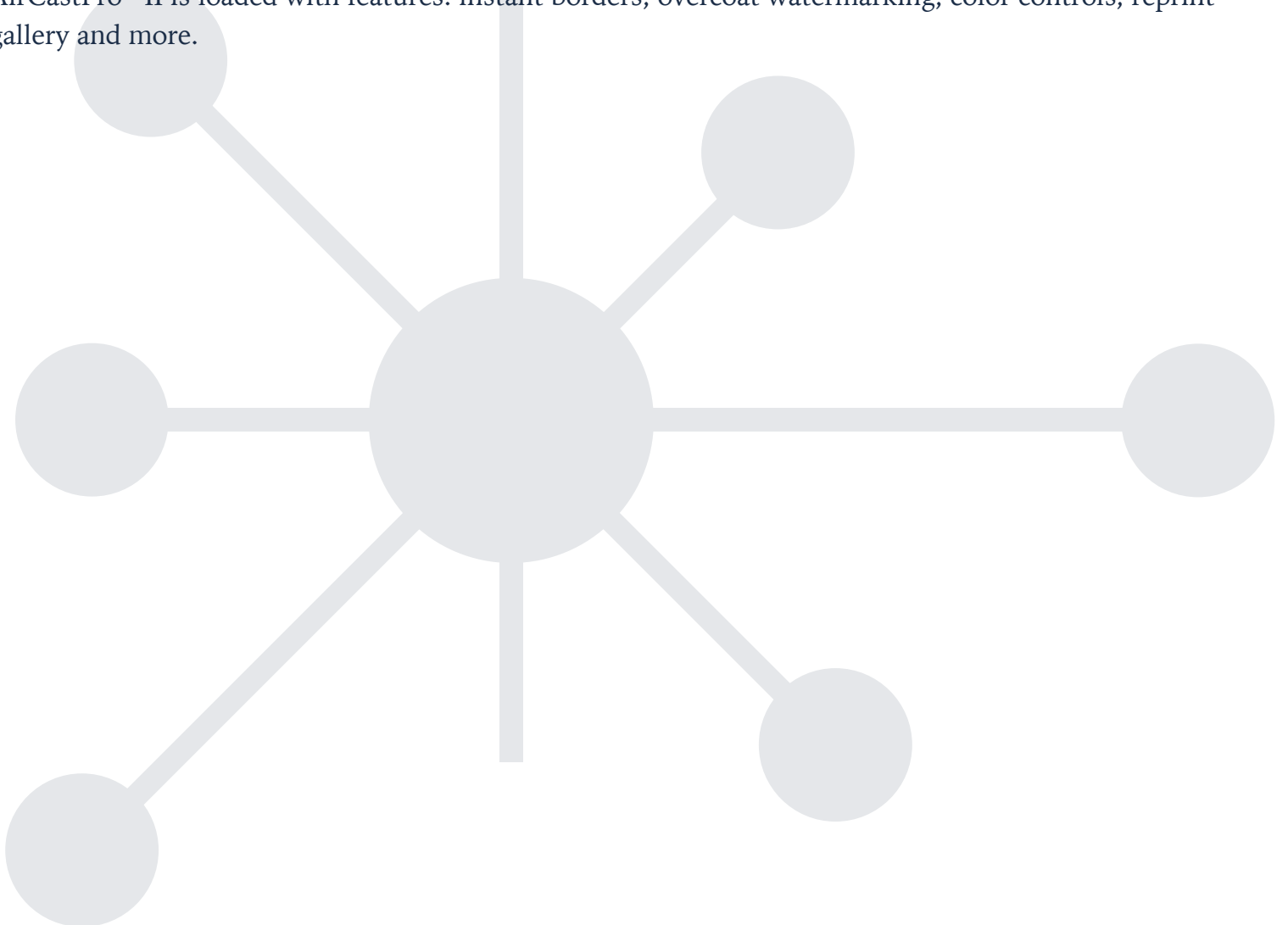


# WHAT IS AIRCASTPRO™ II?

AirCastPro™ II is a wireless print server that brings dye sublimation printers easily to iOS®, iPad OS®, Android®, Mac®, Windows®, and Linux devices.

Printing to AirCastPro™ II is done via AirPrint®/IPP or using the hot folder feature, opening up a wide range of workflow possibilities for event and photo booth operators.

AirCastPro™ II is loaded with features: instant borders, overcoat watermarking, color controls, reprint gallery and more.





# AIRCASTPRO™ II FEATURES

## \* Printer Auto-Discovery

Plug in your printer and let AirCastPro™ II do the rest; discover and configure your printer for you.

## \* Print with Hot Folders

You can now drag and drop your images to one of AirCastPro™ II's hot folders for quick, easy and worry-free printing.

## \* Lightning-fast HEIPr™ Engine

AirCastPro™ II has replaced its already fast imaging engine with the brand-new, ultra-fast HEIPr™ Engine. HEIPr™ can process images as much as 25 times faster than its predecessor, particularly with large image files.

## \* Instant Borders

AirCastPro™ II can add borders automatically to any of your prints.

## \* More Supported Printers

Many Sinfonia, Citizen, Mitsubishi, Hiti, FujiFilm, DNP, Sony, Shinko, Kodak, and CIAAT printers are supported by AirCastPro™ II.

## \* Overcoat Watermarking

Add custom overcoat watermarks to your prints (Most Citizen and DNP Printers).

## \* Media Levels At-A-Glance

See how much paper your printer has right from your printer's listing with AirCastPro™ II's new visual paper gauge.

## \* Reprint Gallery

Need to reprint an image? The Reprint Gallery lets to see the image, choose the number of prints, and change the printer if you need.

## \* Redesigned Wifi Networking

More responsive, flexible wifi with password verification and support for 5GHz networks.

## \* Hotspot & Internet

Customize your hotspot access point if you choose. Connect to a wireless network to enable internet through your AirCastPro™ II hotspot access point.

## \* Redesigned Print Queue

The new Print queue will now show the status of your image as well as an image thumbnail.

## \* User-selectable ICC profiles

Users can now select a variety of color profiles associated with their printer (if applicable).

## \* Print Pools

Use any mix of printers to create printer pools for your high-output events.



✦ **Print From all of Your Devices**

AirCastPro™ II goes beyond AirPrint: you can share your connected AirCastPro™ II printers with your computers too!

✦ **No Image Distortion**

That's right- AirCastPro™ II will not stretch or distort your photos.

✦ **Password Protection**

Prevent unauthorized access to your AirCastPro™ II settings.

✦ **Select Network Advertising**

Allow or deny your printers to be seen on select networks.

✦ **Multi-Lingual**

Localized for 19 languages:  
English, Spanish, French, German, Dutch, Danish, Finnish, Norwegian, Swedish, Portuguese, Italian, Polish, Russian, Hungarian, Turkish, Greek, Japanese, Korean and Chinese.



# QUICK START

## POWER UP

Your AirCastPro™ II comes with a 5v micro USB power cable. Plug the micro USB end into the AirCastPro™ II unit. There is no power switch on the unit itself and will power on once it is plugged in.

## CONNECTING TO THE AIRCASTPRO™ II HOTSPOT

Once you have powered your AirCastPro™ II unit, its hotspot broadcast should be detectable after about 10-30 seconds after powering the unit on. Use the device of your choice to connect to your AirCastPro™ II unit and look for the “AirCastPro” hotspot in your wifi connection setup:

**SSID : AirCastPro**

**Password : aircastpro**



## FIRST TIME CONNECTION

Once connected to the AirCastPro™ hotspot, use a web browser to go to this address:

**<http://AirCastPro.local>**

**or**

**<http://192.168.4.1>**

When you connect for the first time, you will need to enter your name and email address to activate AirCastPro™ II. You will only need to do this once.

After activating AirCastPro™ II, you will be directed to the AirCastPro™ II General Settings page.

With your printer connected and powered on, AirCastPro™ II will discover and configure your printers.





# GETTING TO KNOW AIRCASTPRO™ II

## GENERAL SETTINGS

This is the main landing page for AirCastPro™ II. Access to all options and settings can be found here.

The screenshot displays the AirCastPro II General Settings interface. At the top, the logo and navigation menu are visible. The main content area is divided into several sections:

- Built-In HotSpot:** Shows SSID: AirCastPro and Password: aircastpro.
- mDNS/Auto-Discovery:** Shows Name: AirCastPro.local and IP Address: 192.168.4.1.
- Printers:** Lists four printers: ACPII Pool, Mitsubishi CP-D70DW (Paused), Mitsubishi CP-D70DW-1, and Sinfonia CHC-S6145 CS2. Each printer has a status indicator and a 'Subsystem Control' button.
- Printer Queue (8):** Shows a list of four printing jobs with details like 'Printing Image 2677 on Mitsubishi\_CP-D70DW' and '23 Aug 2021 16:22:45 EDT'. Below the queue are buttons for 'Cancel Job', 'Cancel All Jobs', and 'Reprint...'. There is also a 'Password Protect Settings' checkbox.

At the bottom, there is a navigation bar with links: About | User Guide | Wifi Connect | Hotspot Settings | mDNS Discovery | Time/Date | Power Controls.

The AirCastPro™ II General Settings page

# INFO PANEL

Information in the Info Panel can be vital in diagnosing issues or assessing the overall health of your AirCastPro™ II unit.

✱ Lifetime print count

✱ Registration information

✱ Software version

✱ CPU, RAM, & Disk usage

✱ CPU Frequency

✱ CPU temperature

✱ Network Log

✱ System Log

To access the Info Panel, press the AirCastPro™ II logo in the upper-left corner of the General Settings page:



Press the AirCastPro™ II Logo to access the Info Panel.



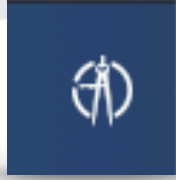
*AirCastPro™ II Info Panel*

To close the Info panel, click/press either on the panel window itself or anywhere on the General Settings page.

## POWER PANEL

This is where to shut down or restart AirCastPro™ II.

To access the Power Panel, click/press the power icon located in the upper-right of the General Settings page.



*Press the Power icon to access the Power Panel.*



## NETWORK PANEL

The Network panel shows the status of ethernet and wifi interfaces. If connected, the interface will show the assigned IP address. Connecting to a Wifi network allows internet access through the AirCastPro™ II Hotspot.

### Connect to Wifi

To connect AirCastPro™ II to a wifi network, press/click on the edit icon. The wifi connection dialog will open.

Select a wifi network from the Available Networks List. The SSID field will auto-fill with the network SSID. Enter the wifi password into the password field. Press “Save” to continue.

### Disconnect from Wifi

If you wish to disconnect from a wifi network, use the “Disconnect” button located on the bottom-left corner of the wifi dialog window.

### Connect to Ethernet

To connect AirCastPro™ II with an ethernet cable, plug the ethernet cable into the ethernet port on the back of your AirCastPro™ II unit. NOTE: the network must be DHCP in order to connect. Ethernet DOES NOT provide internet access through the AirCastPro™ II Hotspot.



## DATE & TIME

Thursday Aug 26, 2021 2:03:31 pm



The current date and time are set by selecting your region. Select the nearest city to your location. Default units of measurement (imperial/metric) can also be set in this panel.

To access the Date & Time panel, press/click on the edit icon located next to the Date & Time display on the General Settings page.

**Set Time and Date**

Select your region from the list below.

- America/Montevideo
- America/Montserrat
- America/Nassau
- America/New\_York

Use Metric Print Sizes

Save Cancel


## WIFI HOTSPOT PANEL


The Wifi Hotspot Panel provides access to change your hotspot name (SSID) and password. A hotspot access QR code is automatically generated, allowing users to scan the QR code with a mobile device to automatically connect.

To Change the hotspot SSID or password, press/click the edit icon in the lower-left area of the Hotspot panel. This will open the Hotspot dialog window.

Clicking on the QR code will give you the option to print it for easy user access.

**Built-In HotSpot**

 **SSID :** AirCastPro

**Password :** aircastpro 



**Print HotSpot QR**

Please select a printer to print your HotSpot QR Code.

 Mitsubishi CP-D70DW

Print Cancel

**HotSpot Settings**

Use the fields below to change your Wireless HotSpot SSID (Name) and Password. Your password cannot be blank. It must contain at least 8 characters.

**SSID :**

**Password :**

Save Cancel

## MDNS/AUTO-DISCOVERY PANEL

The mDNS/Auto-Discovery Panel provides options to change the mDNS (Bonjour®) name of your AirCastPro™ II unit. Here you can also make your connected printers available on other network interfaces.

To edit mDNS settings, press/click the edit icon in the lower-left area of the mDNS panel.

NOTE: Changing the mDNS name will also change your access to the General Settings page and AirCastPro's network share volume. You will need to use the new mDNS name in your browser to connect:

<http://MyNewName.local>

### mDNS/Auto-Discovery

Name : AirCastPro.local

IP Address : 192.168.4.1



### mDNS Discoverable Name

Change the device's discoverable name using the field provided. Avoid using special characters and spaces.

#### mDNS Discoverable Name

#### Print Sharing Over Networks

Hotspot is always enabled

 Outside Wifi Ethernet

Save

Cancel

## PRINTER LIST

The Printer list gives you a summary of configured printers/print pools and their media levels. Below the list box are controls to add, remove, edit and pause your printers/printer pools.

Printer Auto-Discovery progress will show below the Printer List.

### Printers

	Dai Nippon Printing DS620	
	Dai Nippon Printing QW410	
	Mitsubishi CP-D70DW	
	Sinfonia CHC-S6145 CS2	

Add

Remove

Edit

Pause



Add

Remove

Edit

Pause



Installing Dai Nippon Printing QW410

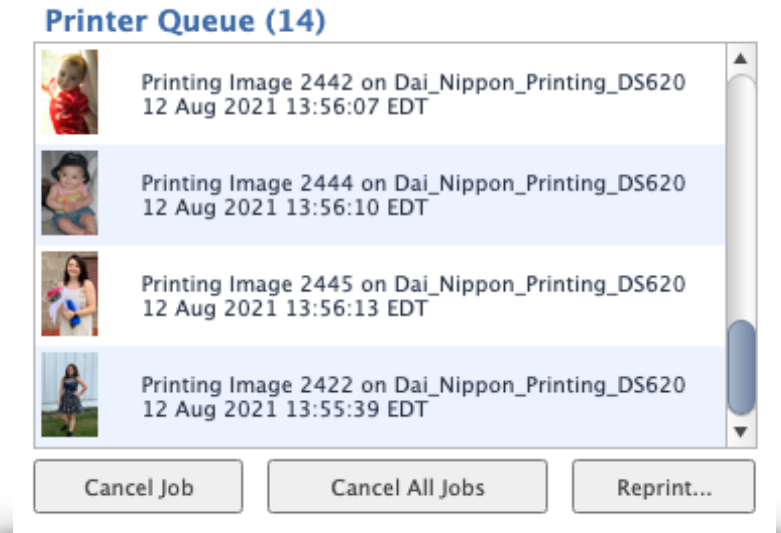
Subsystem Control

## PRINT QUEUE

The Printer Queue will display a thumbnail of incoming images, how many prints are in progress, what printer/print pool the image is assigned, as well as the status of each print.

Below the Print Queue are controls to cancel single prints as well as cancel everything in the Print Queue.

If a print error occurs (print size/media mismatch, out of paper, printer door error, etc), a yellow, rectangular "caution" symbol will appear above the Printer Queue. Clicking on the caution symbol will show a list of all errors and provide an option to clear the error log.



## REPRINT GALLERY

The Reprint Gallery can be opened by clicking the "Reprint" button found below the Print Queue.

The Reprint Gallery will display previous print jobs, beginning with the most recent. Each image will attempt to select the printer that it assigned but will allow you to select any current printer that is configured by AirCastPro™ II as well as set the desired number of copies.

Images in the Reprint Gallery can be deleted individually or the entire Reprint Gallery can be cleared at once.

**Note:** Images will be deleted automatically after 24 hours.

### Printer Queue (1)



Printing Image 2666 on Mitsubishi\_CP-D70DW  
23 Aug 2021 16:02:35 EDT



## PASSWORD PROTECT

Access to the AirCastPro™ II General Settings page can be password protected when this option is selected.

Selecting the Password Protect option will open the Password Protection Dialog. Enter your password in the first field provided, and once again in the second field for verification.



**Password Protection**

Enter your password in the fields below. Both password fields must match. You will be asked to enter a password when accessing your settings.

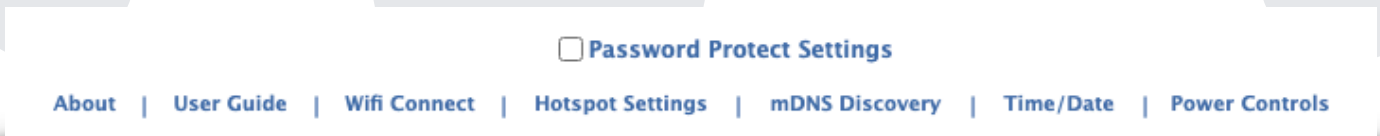
.....

.....

Save Cancel

## AUXILIARY CONTROL LINKS

These links are provided as a secondary way to access AirCastPro™ II options and settings.



Password Protect Settings

[About](#) | [User Guide](#) | [Wifi Connect](#) | [Hotspot Settings](#) | [mDNS Discovery](#) | [Time/Date](#) | [Power Controls](#)



# PRINTER SETTINGS

## PRINTER SPECIFIC OPTIONS

NOTE: Available options will vary depending on the manufacturer and printer model. Below are some of the most common options.

### Print Size

Shows the relevant print sizes capable with the media installed in your printer.

NOTE: If editing a printer that is offline, the Print Size option will show all sizes the printer driver supports.

### Color Model

Lists available color models (RGB, CMY, CMYK, etc). The default value is "RGB".

### Color Precision

Sets the value of color reproduction.

The default value is "Best".

### Resolution

Some printers offer various print resolutions.

The default value is "300".

### Overcoat Pattern

This controls the finish of your print.

AirCastPro™ II uses the printer's default, which is mostly "Glossy".

Most DNP printers have "Partial" overcoat options. Partial overcoat patterns are not available on the DNP DS40 and RX1. Please see "Overcoat Watermarking" for more information.

### Print Speed

Sets the printer speed. AirCastPro™ II uses the printer's default, which is usually "Normal" or "Fine".

The screenshot shows the 'Dai Nippon Printing DS620' printer settings dialog box. At the top, there is a blue header with the printer name. Below the header, a blue instruction box reads: 'Use the Printer Option menu to select the option to edit. Use the Option Value menu to select your setting.' The main settings area is divided into several sections: 'Printer Option' and 'Option Value' (with 'Print Size' set to '4x6'); 'Landscape Border' and 'Portrait Border' (both set to 'Select an Image...'); 'ICC Profile' (set to 'North America Default'); and a section with four checkboxes: 'Fill the Print Area' (checked), 'Bypass HEIPr™ Engine' (unchecked), 'Remove Excess Whitespace' (unchecked), and 'Create Hot Folder' (checked). At the bottom, it shows 'Remaining Prints: 228 / 400' and 'Save' and 'Cancel' buttons.



### No Cut-Paper Waste

Set this option to "True" to reduce paper waste. AirCastPro™ II defaults to "False".

### Image Sharpening

Used to sharpen your print. Option is set on a numerical scale, from 0-9; the default is "4".

### Color Correction

Provides varying degree of color correction. AirCastPro™ II defaults to "Raw", leaving your images untouched.

### Brightness

Controls the brightness of your prints. AirCastPro™ II defaults to "None".

### Contrast

Controls the contrast of your prints. AirCastPro™ II defaults to "None".

### Saturation

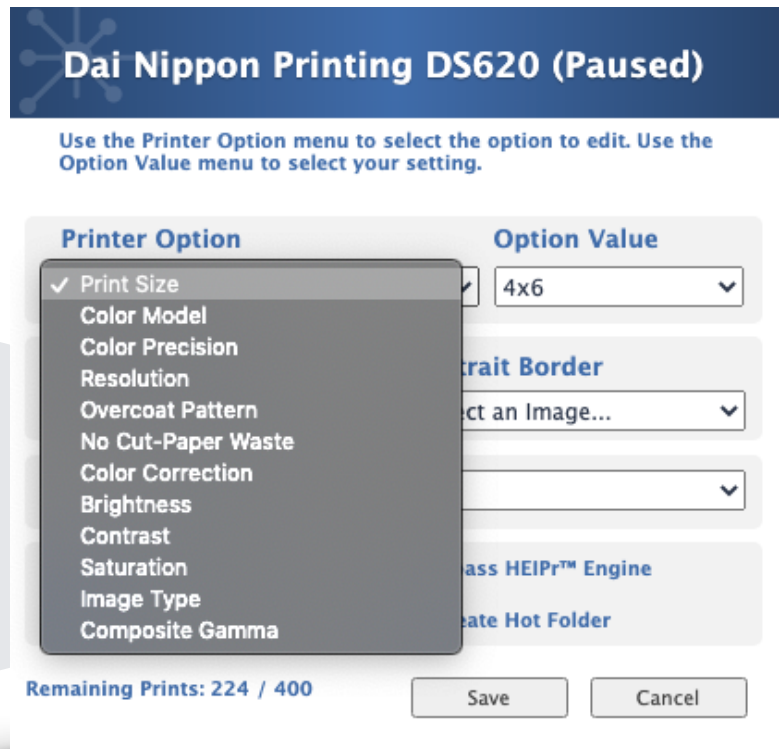
Controls the saturation of your prints. AirCastPro™ II defaults to "None".

### Image Type

Sets the type of file expected to print. AirCastPro™ II defaults to "Photo".

### Composite Gamma

Sets the gamma of your prints. AirCastPro™ II defaults to "1100".



# AIRCASTPRO™ II PRINT FEATURES

## Landscape/Portrait Borders

Use your own custom borders for prints. See "[Print Borders](#)" for more information.

## ICC Profile

AirCastPro™ II will attempt to select the default ICC profile for your printer. Other profiles, made for specialty paper, for instance, may also be available.

## Fill the Print Area

Fills the entire print area with the image using center-weighted cropping.

Deselect this option if you want the image to fit to the page size with no cropping. Unless the image and print area are the same aspect ratio, there will be margins of whitespace.

## Remove Excess Whitespace

Some images are converted to PDF format and are embedded with whitespace padding. If you find that your image is overly zoomed or shows areas of unwanted whitespace, select this option.

## Bypass HEIPr™ Engine

AirCastPro™ II has replaced its already fast imaging engine with the brand-new, ultra-fast HEIPr™ Engine. HEIPr™ can process images from two times faster with smaller images and as much as twenty-five times faster for very large images than its predecessor.

The HEIPr™ Engine is responsible for adding borders, resizing and cropping images if needed, and converting a multitude of image formats into a printable format. In most cases, it is a good idea to keep HEIPr™ on.

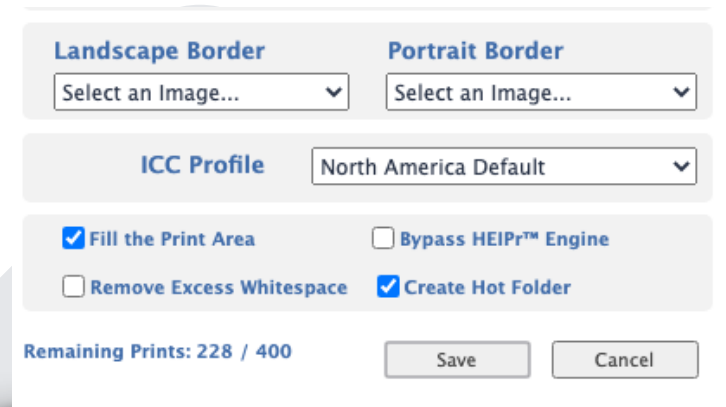
There may be situations where the source image matches the print output and the file is small enough where bypassing HEIPr™ is the best solution for printing. Select this option to deactivate the HEIPr™ Engine.

## Create Hot Folder

AirCastPro™ II enables hot folder printing by default. If you wish to disable it, deselect this option.

## Remaining Prints

If your printer is online, AirCastPro™ II will poll your printer for media levels. If your printer is offline, the Remaining Prints count will be an estimate.



The screenshot shows a print settings dialog box with the following elements:

- Landscape Border:** A dropdown menu with the text "Select an Image..." and a downward arrow.
- Portrait Border:** A dropdown menu with the text "Select an Image..." and a downward arrow.
- ICC Profile:** A dropdown menu with the text "North America Default" and a downward arrow.
- Fill the Print Area:** A checked checkbox.
- Bypass HEIPr™ Engine:** An unchecked checkbox.
- Remove Excess Whitespace:** An unchecked checkbox.
- Create Hot Folder:** A checked checkbox.
- Remaining Prints:** A label showing "228 / 400".
- Buttons:** "Save" and "Cancel" buttons.

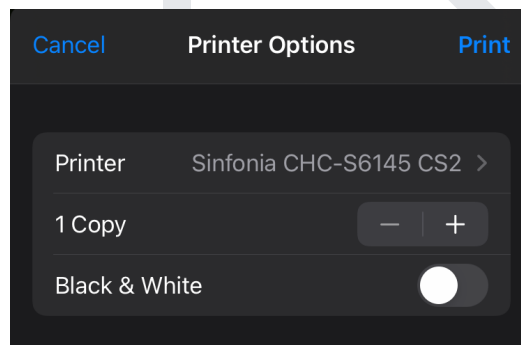
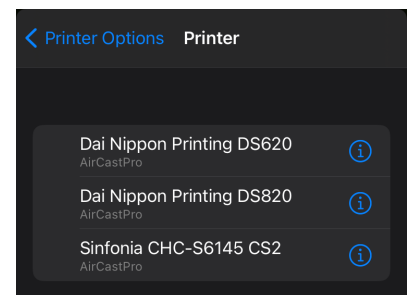
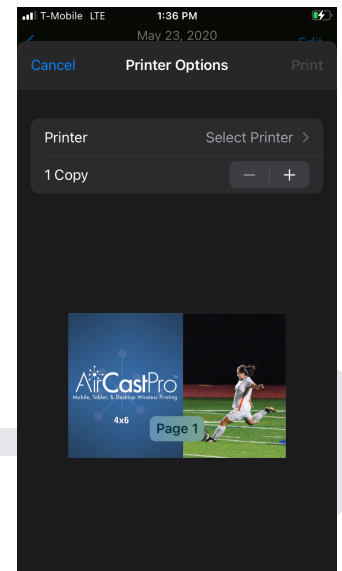


# PRINTING WITH AIRCASTPRO™ II

## PRINTING WITH IOS® & IPAD OS®

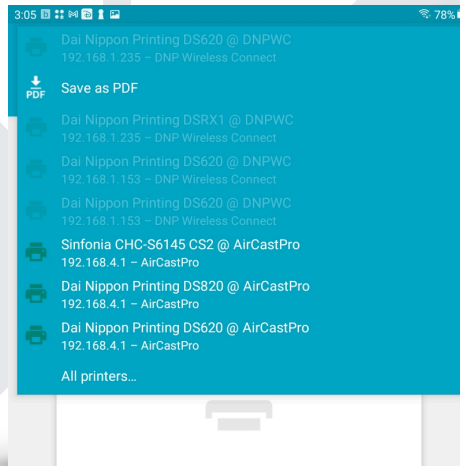
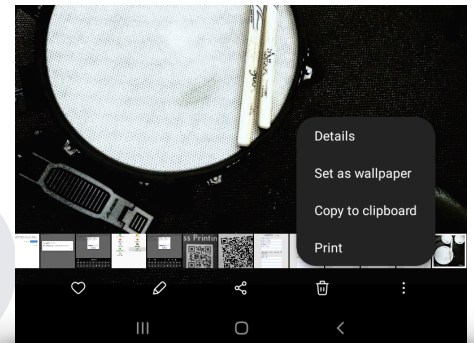
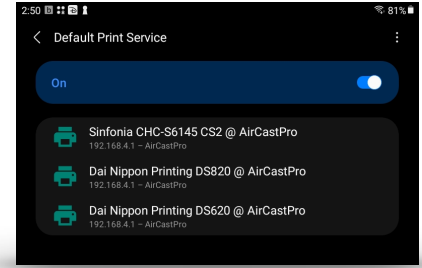
\*For iOS® 13 or later

1. Connect to the AirCastPro Hotspot or the same network AirCastPro™ II is connected.
2. Be sure at least one printer is connected and configured with AirCastPro™ II.
3. Go to an App you wish to print an image/document (ex. Photos App).
4. Find the print option in your App. Some Apps will place the print function within the “Share” option.
5. In the Print dialog, select a printer. Your printer will show “AirCastPro” as its location.
6. Print the document.



# PRINTING WITH ANDROID®

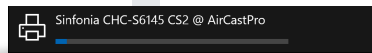
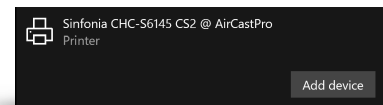
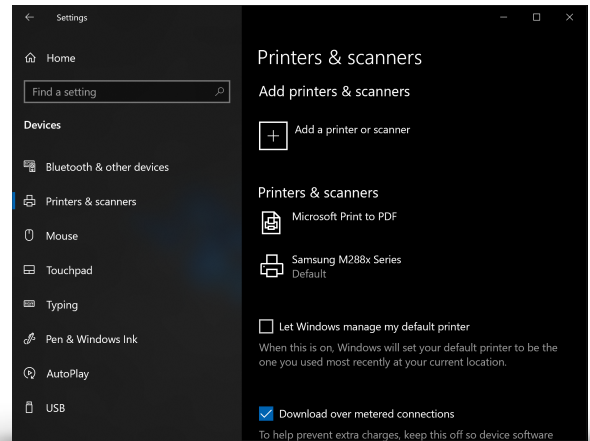
1. Connect to the AirCastPro Hotspot or the same network AirCastPro™ II is connected.
2. Be sure at least one printer is connected and configured with AirCastPro™ II.
3. Open the Settings App, go to Default Printing Service and turn it on. Use the search option to quickly find “Default Printing Service”.
4. Find the print option in your App. In some Apps, the print option can be found in the ellipsis icon.
5. Press the reveal icon to show available printers. Select a printer from the list. Your printer will show “AirCastPro” as its location.
6. Print the document.



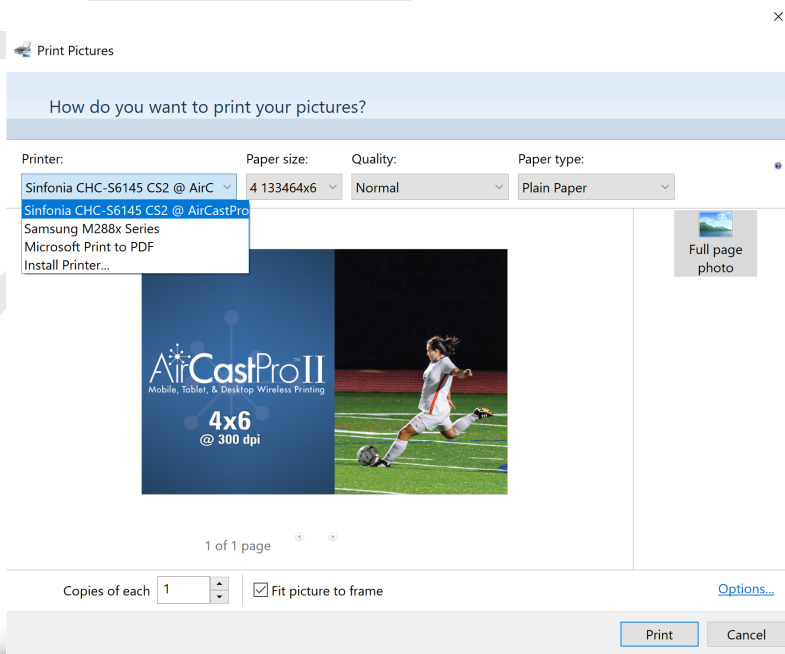
*AirCastPro™ II is compatible with some 3<sup>rd</sup> party Apps like “Let’s Print Droid”.*

# PRINTING WITH WINDOWS®

1. Connect to the AirCastPro Hotspot or the same network AirCastPro™ II is connected.
2. In the Windows Settings Panel, got to the Printers & Scanners section.
3. Press the “Add a printer or scanner” button to search for your printer.
4. When you see your printer in the discovery list, select the printer and then press the “Add device” button.
5. A progress bar will display the installation process. It may take a moment to install and configure your printer.

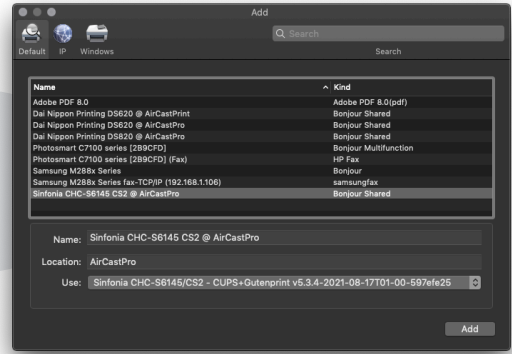
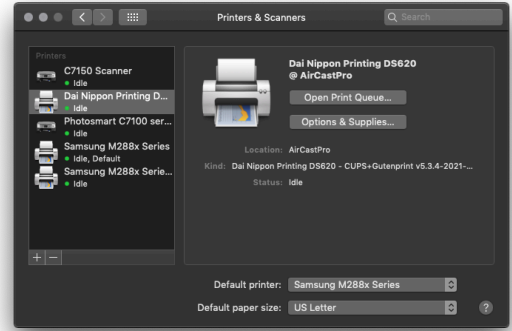


Once completed, your printer will be available for use.

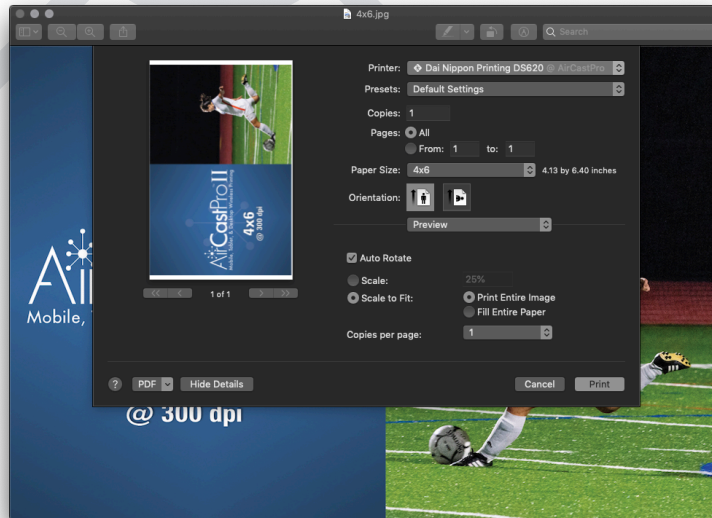


# PRINTING WITH MAC OS®

1. Connect to the AirCastPro Hotspot or the same network AirCastPro™ II is connected.
2. Open the Mac OS System Preferences, go to the Printers & Scanners section.
3. Press the Plus (+) button below the printer list to search for your printer.
4. When you see your printer in the discovery list, select the printer and then press the “Add” button.

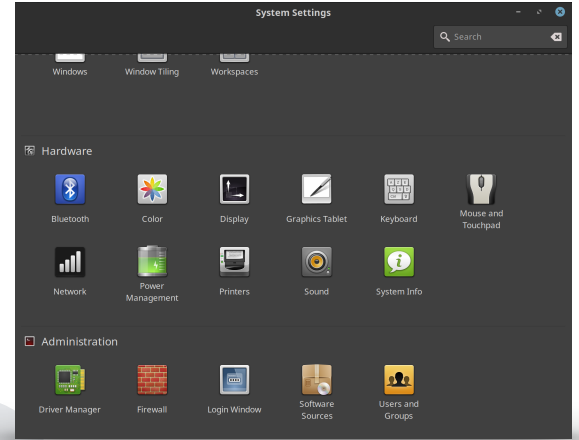


Once completed, your printer will be available for use.

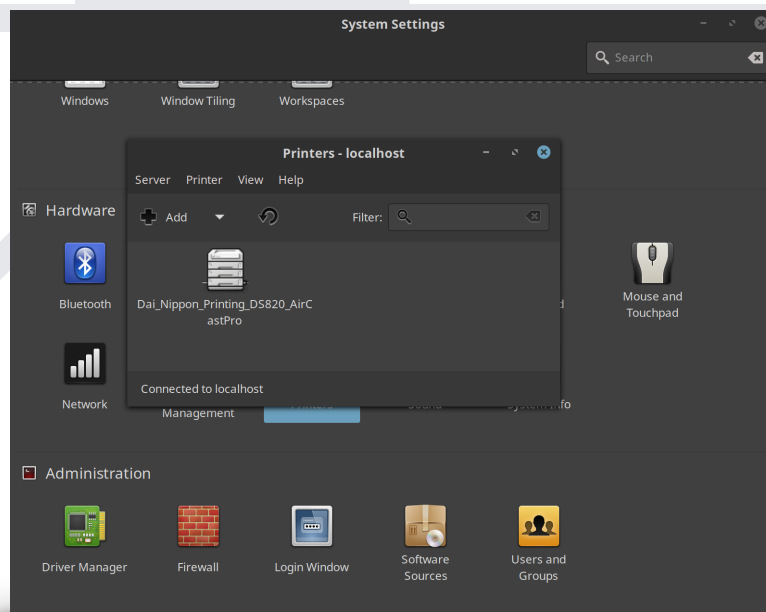


# PRINTING WITH LINUX

1. Connect to the AirCastPro Hotspot or the same network AirCastPro™ II is connected.
2. In the Windows Settings Panel, got to the Printers & Scanners section.
3. Press the “Add a printer or scanner” button to search for your printer.
4. When you see your printer in the discovery list, select the printer and then press the “Add device” button.
5. A progress bar will display the installation process. It may take a moment to install and configure your printer.



Once completed, your printer will be available for use.





# ADVANCED FEATURES

## PRINTER INSTANCES

### What is a Printer Instance?

A Printer instance is a representation of your physical, attached printer. AirCastPro™ II lets you create as many variations of your attached printer as you wish. A printer instance appears as its own, independent printer to your devices.

### Why are Printer Instances useful?

There are a number of reasons why you may need additional instances of your attached printer. The most common reason is to take advantage of multiple print sizes supported by your installed media.

You may want to create different instances with varying printer settings:

- ✱ Instance using 4x6 print size
- ✱ Instance using two 2x6 print size
- ✱ Instance using 4x6 print size with a graphic border
- ✱ Several instances of the same print size, each with a different graphic border
- ✱ Instances using Overcoat Watermarking (or as with borders, varying instances of watermarking)

These are just a handful of scenarios where multiple instances of the same printer are useful.

### To create another instance of your printer:

With your printer attached and powered on, press the "Add" button (General Settings Page, below the Printer List). Follow the steps provided in the "Add Printer" dialog.



# PRINTER POOLING

## What is a Printer Pool?

A Printer pool is a collection of two or more printers working together as a single printer to manage high print volumes, "load balancing" incoming jobs and sending them to the printer with the least amount of prints in its queue.

A Printer Pool will also redirect jobs away from a printer that has stopped because of an error (paper jam, out of paper, etc), keeping your workflow moving. Once created, a Printer Pool will show no differently than any other printer available to your devices.

Even though a printer may be part of a Printer Pool, you can still select and use any printer outside of the pool.

- ✦ A Printer Pool must contain at least two printers.
- ✦ There is no limitation on the number of printers in a pool.
- ✦ Printers in a pool do not have to be the same make or model.
- ✦ Printers with different print sizes can be a part of the same pool, but it is not advised.
- ✦ If a printer in your pool receives an error (depleted media, paper jam, etc), incoming jobs will be diverted to other printers in the pool automatically until the error is resolved.

### Pro Tip:

The first printer added to a pool should be the fastest of your printers– it will receive priority over other printers in your pool.

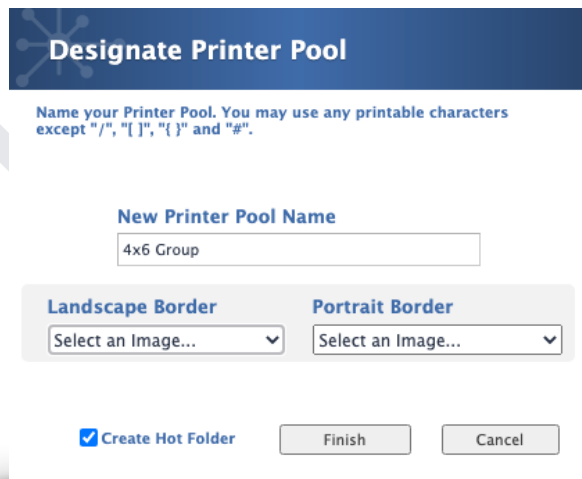
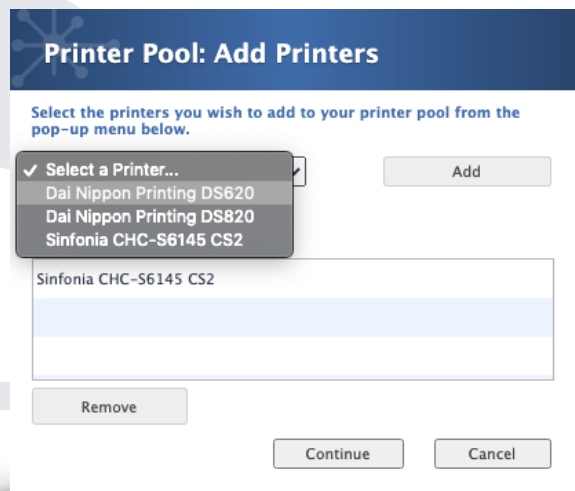
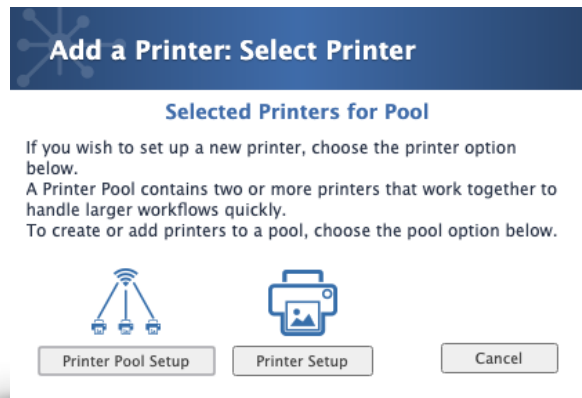
In order to create a Printer Pool, the printers you wish to use must already be configured in AirCastPro™ II.

## CREATING A PRINTER POOL

Creating a Printer Pool requires at least one printer set up in AirCastPro™ II. If at least one printer has been set up, pressing the Add Printer or Pool control will bring up an option to create a printer pool:

1. Press the "Add" button below the Printer List, on the General Settings page.
2. In the next dialog window, press the Printer Pool Setup
3. Use the Printer Selection pop-up menu to select a printer.
4. Use the Add Printer button to add it to your pool. Use the Remove Printer button (directly below the Selected Printers for Pool list) to remove a printer from your pool.
5. Press the Continue button once you have added the desired printers to your pool.
6. You can assign both Portrait and Landscape graphic borders to your Printer Pool. Use the Landscape and Portrait pop-up menus to select the image(s) you wish to use.
7. Press the Finish button to create your Printer Pool.

Your new Printer Pool will now show in the Printers and Pools list, with the "Pool" tag added to its name.



## NETWORK SHARE VOLUME

AirCastPro™ II can be accessed through its network share volume via SMB. AFP (Apple) is also supported for legacy Macs.

There are several reasons you would need access to AirCastPro™ II's shared volume:

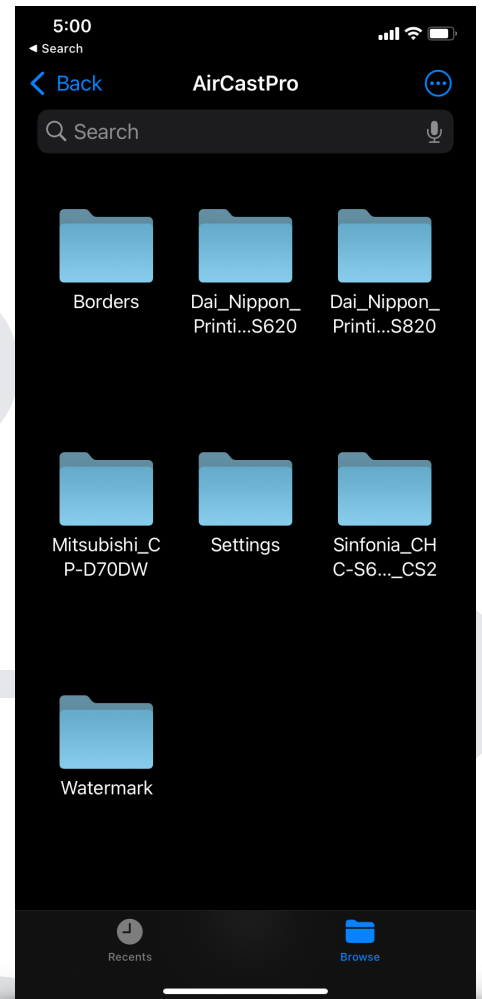
- \* Add your own graphic borders
- \* Add your own Overcoat Watermarking graphic
- \* Access AirCastPro™ II's hot folders

Make sure your device is connected to the AirCastPro hotspot or connected to the same network that AirCastPro™ II is connected.

On the AirCastPro Share volume, you will see these directories:

- \* **Borders** : This is where your AirCastPro™ II border images are stored. Borders should be saved as PNG images.
- \* **Watermark** : This is where your AirCastPro™ II Overcoat Watermark images are stored. Watermark images should be black & white, saved as JPG images.
- \* **Settings** : This is where your password protection file is stored. Removing the password file will reset access to the AirCastPro™ II General Settings page.

Hot folders are also located in the AirCastProShare volume. Each hot folder will correspond to the name of the printer it represents.



## AIRCASTPRO SHARE ADDRESS & CREDENTIALS

Network Address:

<smb://AirCastPro.local>

or  
<smb://192.168.4.1>  
(Only if you are connected to the AirCastPro Hotspot)

User Name : aircastpro

Password : aircastpro

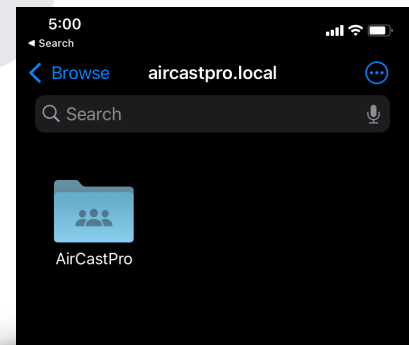
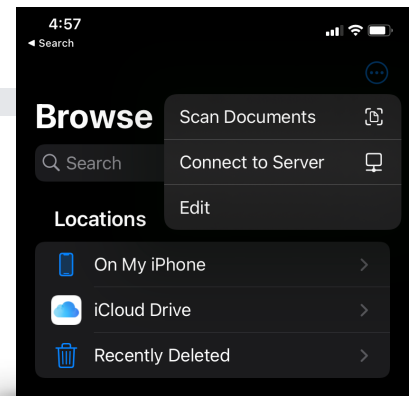


*AirCastPro™II Network Share QR Code.  
Scan to connect.*

## CONNECTING FROM IOS® AND IPAD OS®

\*For iOS® 13 or later

1. Connect to the AirCastPro Hotspot or the same network AirCastPro™II is connected.  
Open the Files app.  
In the upper-right corner of the Browse page, click the ellipsis (...).  
Select the "Connect to Server" option.
2. In the Server field, type:  
aircastpro.local
3. The next screen will ask if you wish to connect as a Guest or Registered User. Choose "Registered User" and enter the following credentials:
4. **Name:** aircastpro  
**Password:** aircastpro



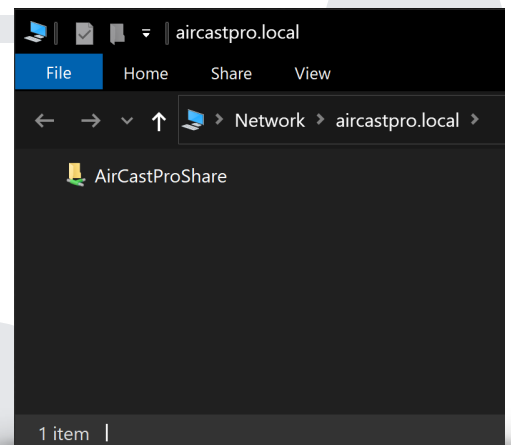
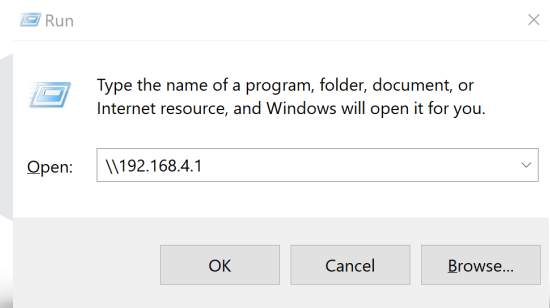
Press the "Next" link at the top of the page. If the information was entered correctly, The AirCastProShare volume should be available.

## CONNECTING FROM ANDROID®

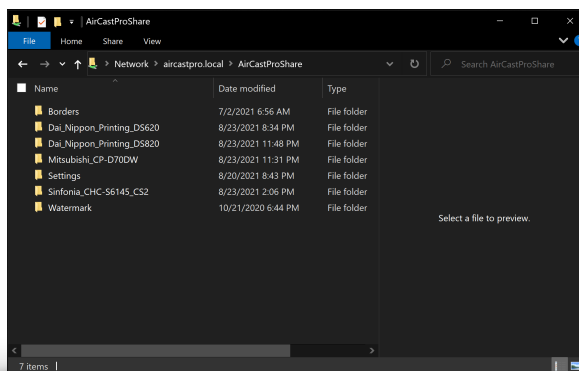
Connecting to AirCastPro™ II's shared volume with Android® requires use of a third-party application capable of accessing SMB (samba) network volumes such as X-plore File Manager. Server address, username, and password is the same as connecting via iOS® (see Connecting from iOS® and iPad OS®).

## CONNECTING FROM WINDOWS®

1. Connect to the AirCastPro Hotspot.  
Press the Windows Key and "R" key to open the Run dialog.
2. Enter the address in the Run text field:  
\\192.168.4.1
3. If you have iTunes® installed, you can use the mDNS name:  
\\aircastpro.local
4. Press the "OK" button.
5. When prompted for user information, connect as a registered user:  
**Name:** AIRCASTPRO  
**Password:** aircastpro



The AirCastPro Share volume is now accessible.



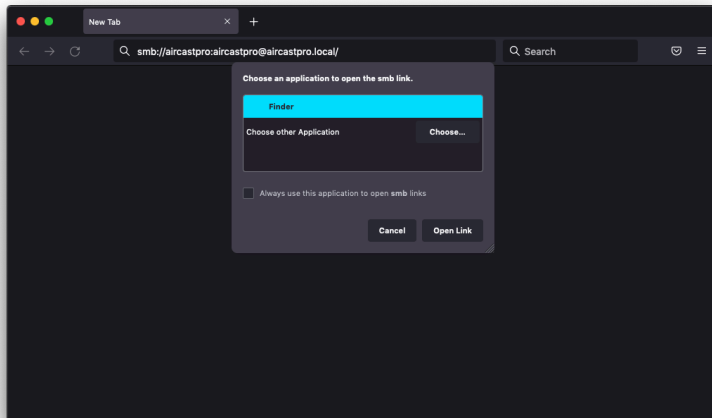
## CONNECTING FROM MAC OS®

Connect to the AirCastPro Hotspot.

### Method 1

In a web browser, enter  
`smb://aircastpro:aircastpro@aircastpro.local`

The browser will ask for permission to use the Finder.app to connect.

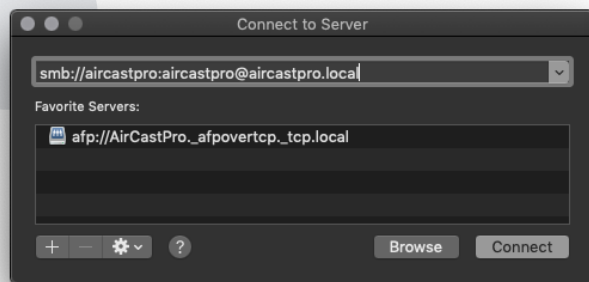


### Method 2

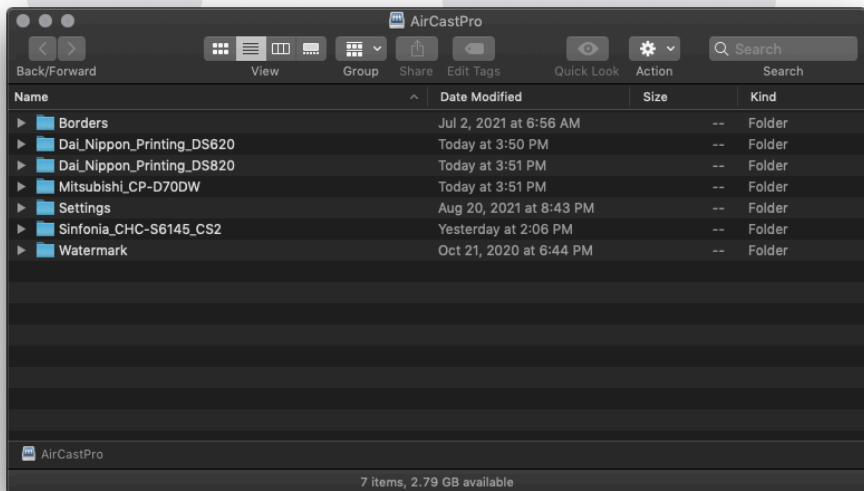
From the Finder, press CMD + K to open the "Go to Server..." dialog.

Enter the address in the provided field  
`smb://aircastpro:aircastpro@aircastpro.local`

*Method 1 using web browser to connect to AirCastPro™II*



*Method 2 using "Connect to Server" to connect to AirCastPro™II*



## CONNECTING FROM LINUX

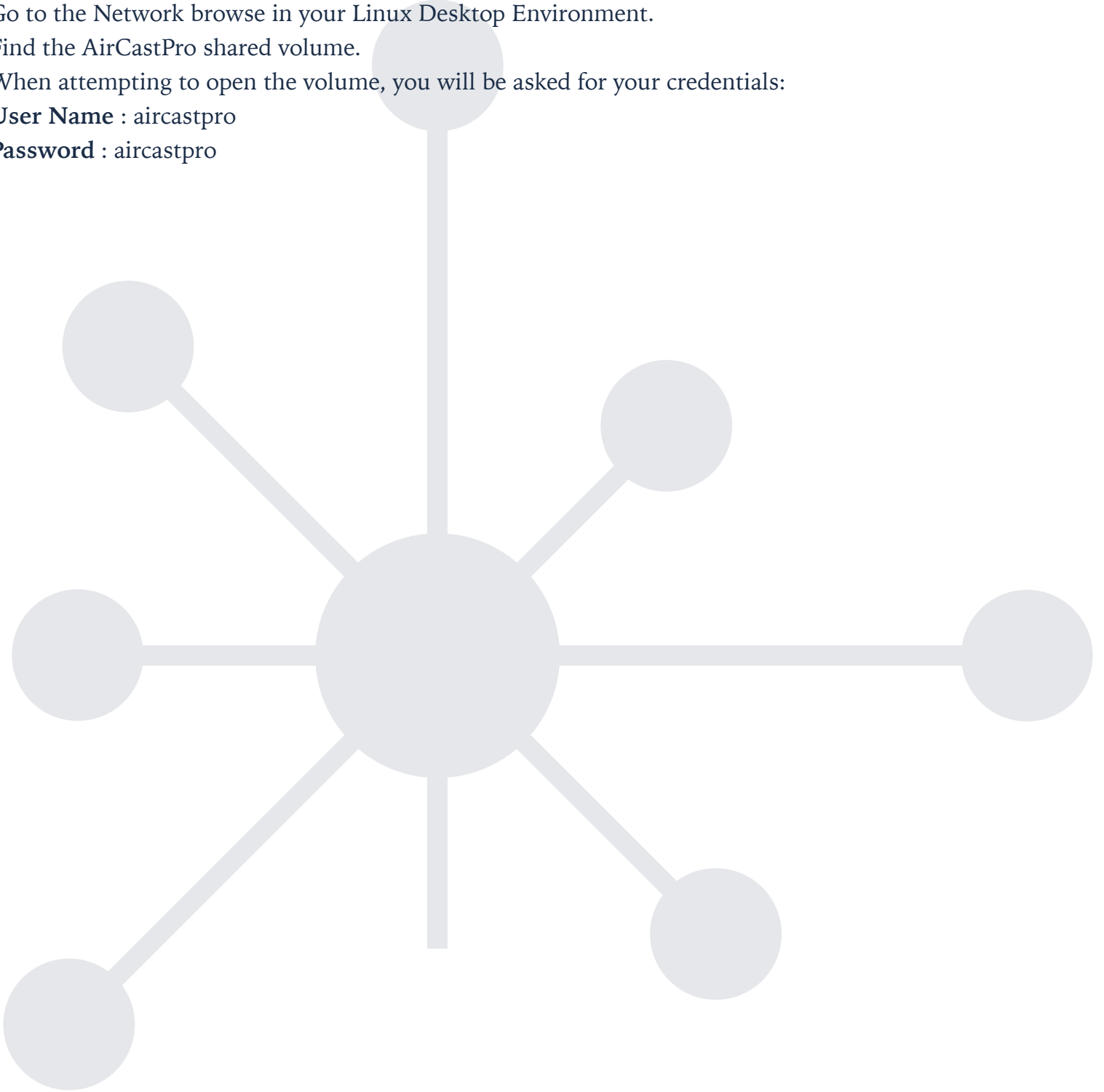
Go to the Network browse in your Linux Desktop Environment.

Find the AirCastPro shared volume.

When attempting to open the volume, you will be asked for your credentials:

**User Name** : aircastpro

**Password** : aircastpro



# HOT FOLDER PRINTING

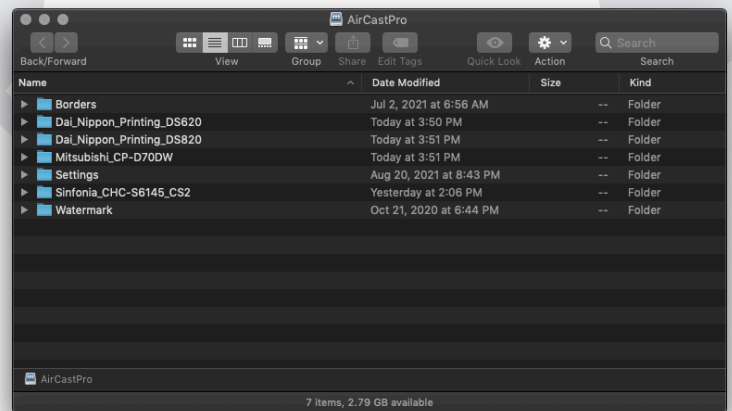
## What is Hot Folder Printing?

Simply put, hot folder printing is the process of copying one or more images into a designated folder, which lets AirCastPro™ II print these images. Hot folder printing can be used with laptops as well desktop computers as well as iOS® and iPad OS® (iOS® version 13 or greater).

Your workflow may need a solution where a photographer needs to regularly download images for print or you may use a photo or imaging app that allow you to save images in a location of your choice. Either way, hot folder printing is the easiest way to move your photos from disk to prints.

## CONNECTING TO A HOT FOLDER

1. First, be sure to have your printer connected and configured by AirCastPro™ II. Feel free to customize your printer settings as needed but be sure to leave the "Create Hot Folder" option selected.
2. Next, connect to the AirCastPro shared volume (see the section Network Share Volume for more information).
3. When connected, you should see a folder that shares the name of your printer. This is the hot folder associated with that printer. Dragging & dropping one or more images into this folder will begin the process.



For convenience, hot folders can be aliased (Mac OS®) or Mapped as a network drive (Windows).



## PRINT BORDERS

With AirCastPro™ II, you can automatically add a graphic border to your print.

### SELECT A BORDER

Open the Edit dialog of the printer you wish to add borders. In the Borders section of the Edit dialog, use the pop-up menus to select landscape and portrait versions of your border.

NOTE: AirCastPro™ II will attempt to detect your image's orientation and will automatically select the appropriate border. If you plan to print only one orientation, you can use the corresponding border orientation and leave the other without a border.

After making your selection(s), click "Save".



### ADDING YOUR CUSTOM BORDERS TO AIRCASTPRO™ II

When creating your custom border, the image should:

✱ Match the size of your print (ex. 4x6 print should be 1200x1800 pixels).

✱ Saved as a PNG file.

If you plan to process both portrait and landscape oriented images with AirCastPro™ II, consider creating portrait and landscape versions of your border.

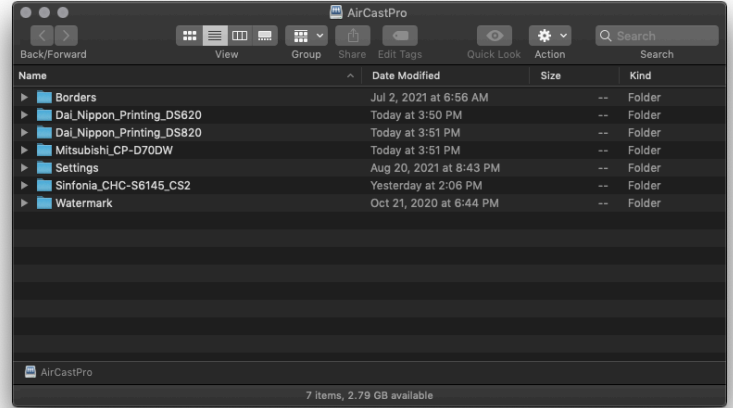
## LOADING YOUR BORDERS INTO AIRCASTPRO™ II

\* Connect your Phone, tablet, or computer to AirCastPro™ II and access the Network Share Volume (See [Network Share Volume](#)).

\* Copy your custom border graphics to the "Borders" directory.

\* Go to the AirCastPro™ II General settings page with your web browser, choose the printer you wish to add your borders and press the "Edit" button below the printer list.

\* In the Edit dialog, use the Border landscape and portrait menus to select your new border graphics. Press "Save" to apply the changes to your printer setup.



## OVERCOAT WATERMARKING

\*DNP DS620, DS820, & QW410

\*Citizen CX-02W, CX-02, & CZ-01

### What is Overcoat Watermarking?

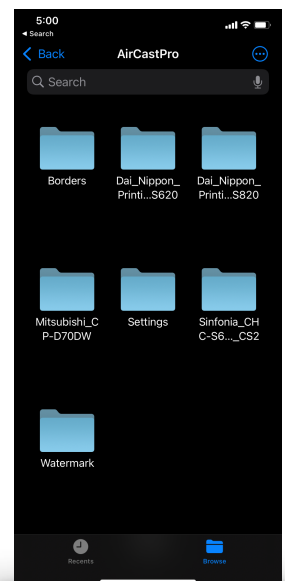
Overcoat Watermarking is the process of using an image to "etch" itself into the finish of your print. You've seen this done with official ID cards, advertisements, and copyrighted images. Imagine your print with its glossy finish. Now imagine "dull" areas in the finish, perhaps in the shape of your logo. Overcoat Watermarking is subtle, most noticeable when light strikes the surface of your photo just right.

## CREATING A GRAPHIC FOR OVERCOAT WATERMARKING

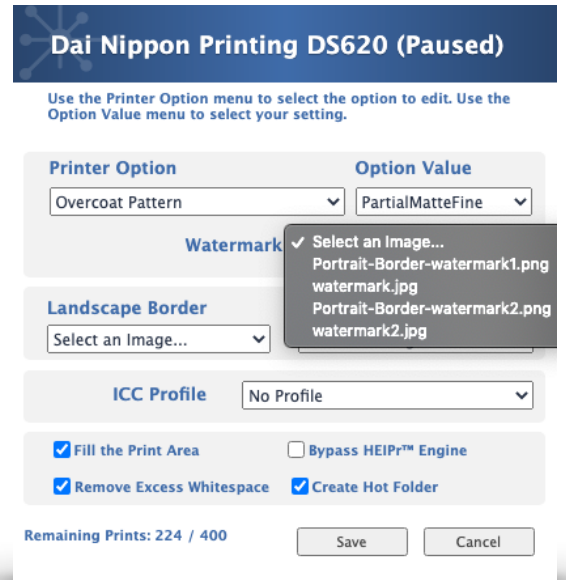
- \* For best results, your graphic should be black, set onto a white background.
- \* Your finished graphic file should match the dimensions of your print size (ex. 4x6, 1200x1800 pixels).
- \* Your finished graphic should be saved as a JPG file.

## LOADING YOUR OVERCOAT WATERMARK GRAPHIC INTO AIRCASTPRO™ II

1. Connect your Phone, tablet, or computer to AirCastPro™ II and access the Network Share Volume (See Network Share Volume).
2. Copy your custom Overcoat Watermark graphic(s) to the "Watermark" directory.
3. Go to the AirCastPro™ II General settings page with your web browser, choose the printer you wish to add your Overcoat Watermark and press the "Edit" button below the printer list.



- In the Edit dialog, use the "Option" pop-up menu and select "Overcoat Pattern". Next, use the "Value" pop-up menu and select any value that contains "Partial". Doing this will reveal the Watermark pop-up menu. Select your custom Overcoat Watermark graphic in the pop-up menu. Press "Save" to apply the changes to your printer setup.





# HELPFUL TIPS

There are a many ways to help streamline your workflow with AirCastPro™ II. This section is meant to inspire you to streamline your workflow and create options for your events that give you a big competitive advantage.

## LEVERAGE THE POWER OF PRINTER INSTANCES

One printer is more than enough to take advantage of multiple printer instances:

- \* Use multiple borders and/or watermarks.
- \* Multiple print sizes.
- \* Separating different source processes (ex. An instance for AirPrint®/IPP, another for hot folder use)

## PRINTER POOLING AND INSTANCES

What if you could create printer pool instances with the same printers and use them in the same way as printer instances?

Using the printer instance method, you can create printer pools to achieve the same basic purpose of creating an instance of a printer, but also leveraging several printers as well:

- \* You can create a printer pool to handle a specific print size (ex.: 4x6 or 2x6 prints) or other specific options.
- \* Several print pools can offer a variety of borders.
- \* Printers/Printer Instances can be a member of one or more Printer Pools. You can mix and match as you see fit.

## HOT FOLDERS INSTEAD OF PRINT DIALOGS

While the obvious power of hot folder printing lies with the ability of using one or more computers to connect and print images with AirCastPro™ II hot folders. The same is possible with iOS®, iPad OS®, and Android®.

Most of Apple's apps allow you to save images outside of the Photos app, using FILES. Some developers have recognized the added power of this as well.

Once you have established an SMB connection to AirCastPro™ II (see "[Network Share Volume](#)" for more information), you can use it as a destination for saving files. Choosing a hot folder as a save destination is all you will need to automatically trigger printing.

## KEEP YOUR PRINTERS PRIVATE

It is a necessity for many photo booth setups to have an internet connection. With AirCastPro™ II, the photo booth (iPad) connects to the AirCastPro™ Hotspot, while connecting the AirCastPro™ II to outside wifi feeds internet to the photo booth.

Let's pause for a moment.

In many cases, there's not need to think about the outside wifi connection other than connecting your AirCastPro™ II. In doing so, your printers are accessible to anyone who has access to that wifi network.

AirCastPro™ II has options to block your printers from broadcasting over network interfaces , specifically Wifi and Ethernet. Printers always broadcast over AirCastPro™ II's Hotspot.

To secure your printers, turn off printer sharing for Wifi and Ethernet in the [mDNS/Auto-Discovery panel](#). Printers secured!



# SUPPORTED PRINTERS

## MITSUBISHI PRINTERS

CP-M1/CP-M15

Mitsubishi CP-D80DW

Mitsubishi CP-D90DW

Mitsubishi CP-D70DW

Mitsubishi CP-D707DW

Mitsubishi CP-K60DW-S

Mitsubishi CP-9600DW

Mitsubishi CP-9500DW

Mitsubishi CP-9550DW-S

Mitsubishi CP-9550DW

Mitsubishi P93D

Mitsubishi P95D

## SINFONIA PRINTERS

Sinfonia CHC-S1245/E1

Sinfonia CHC-S6145/CS2

Sinfonia CHC-S6245/CE1

Sinfonia S2145/S2

Sinfonia S2145-5/S2

Sinfonia CHC-S2245/S3

## CITIZEN PRINTERS

Citizen CX

Citizen CX-W

Citizen CY/CY-02

Citizen CW-02/OP900ii

Citizen CX-02

Citizen CX-02W

Citizen CZ-01

## FUJIFILM PRINTERS

FujiFilm ASK-300

FujiFilm ASK-2000

FujiFilm DX100

## EPSON PRINTERS

Epson SureLab D700

## SHINKO PRINTERS

Shinko CHC-S1245

Shinko CHC-S2145

Shinko CHC-S6145

Shinko CHC-S6245

Shinko CHC-S9045

## HITI PRINTERS

Hiti P520L  
Hiti P525L  
Hiti P720L  
Hiti P728L

Hiti P750L  
Hiti P510K  
Hiti P518S  
Hiti P910L

Hiti P510L  
Hiti P510S/Si  
Hiti M610  
Hiti P518A

## DAI NIPPON PRINTING

DNP DS40  
DNP DS80  
DNP DS80DX

DNP DS620  
DNP DS820  
DNP DSRX1

DNP SL10  
DNP QW410

## SONY PRINTERS

Sony UP-CX1  
Sony UP-CR10L

Sony UP-DR100  
Sony UP-DR200

Sony UP-DR150

## KODAK PRINTERS

Kodak 305  
Kodak 605  
Kodak 805  
Kodak 1400

Kodak 6800  
Kodak 6850  
Kodak 7000  
Kodak 8800

Kodak 8810  
Kodak 9810





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