

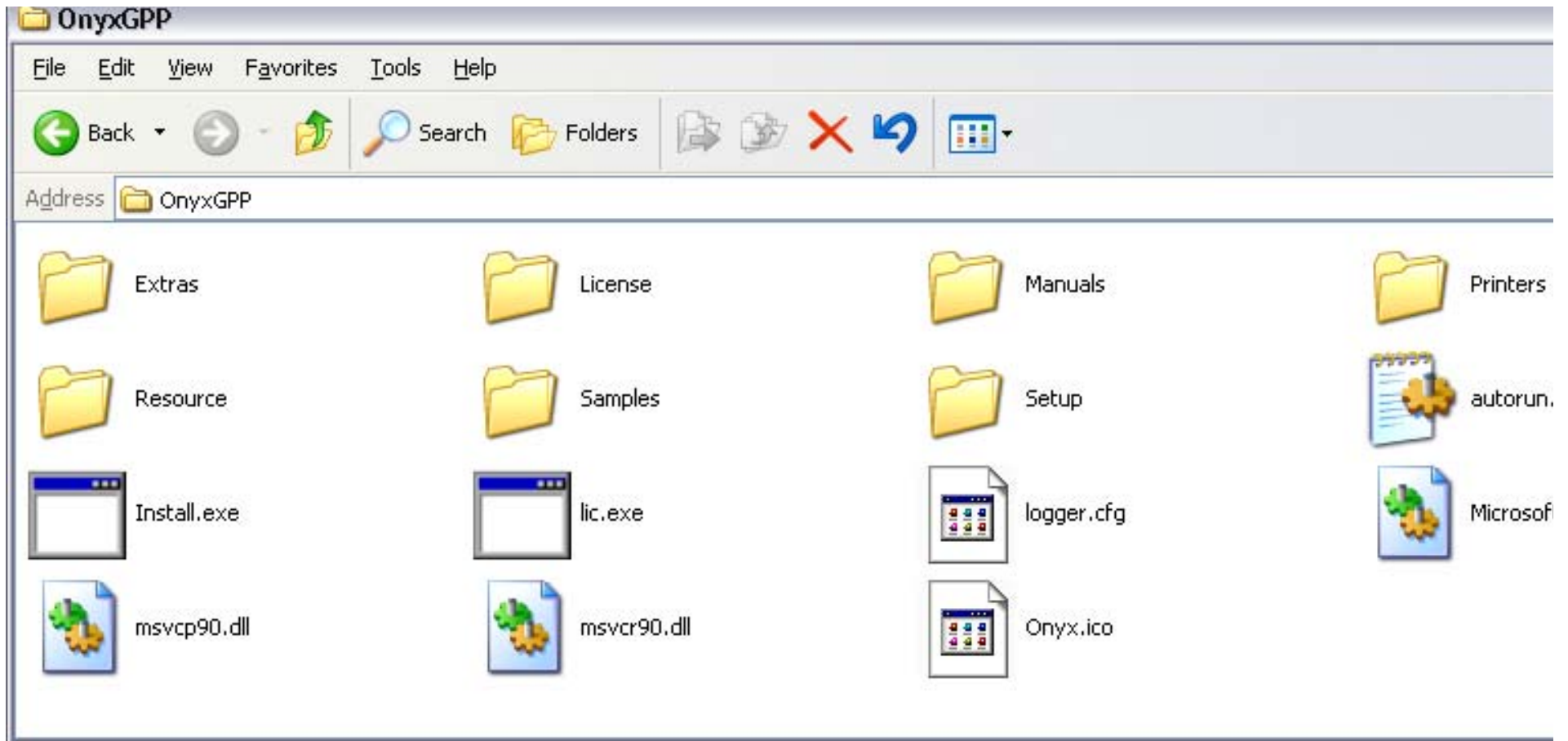
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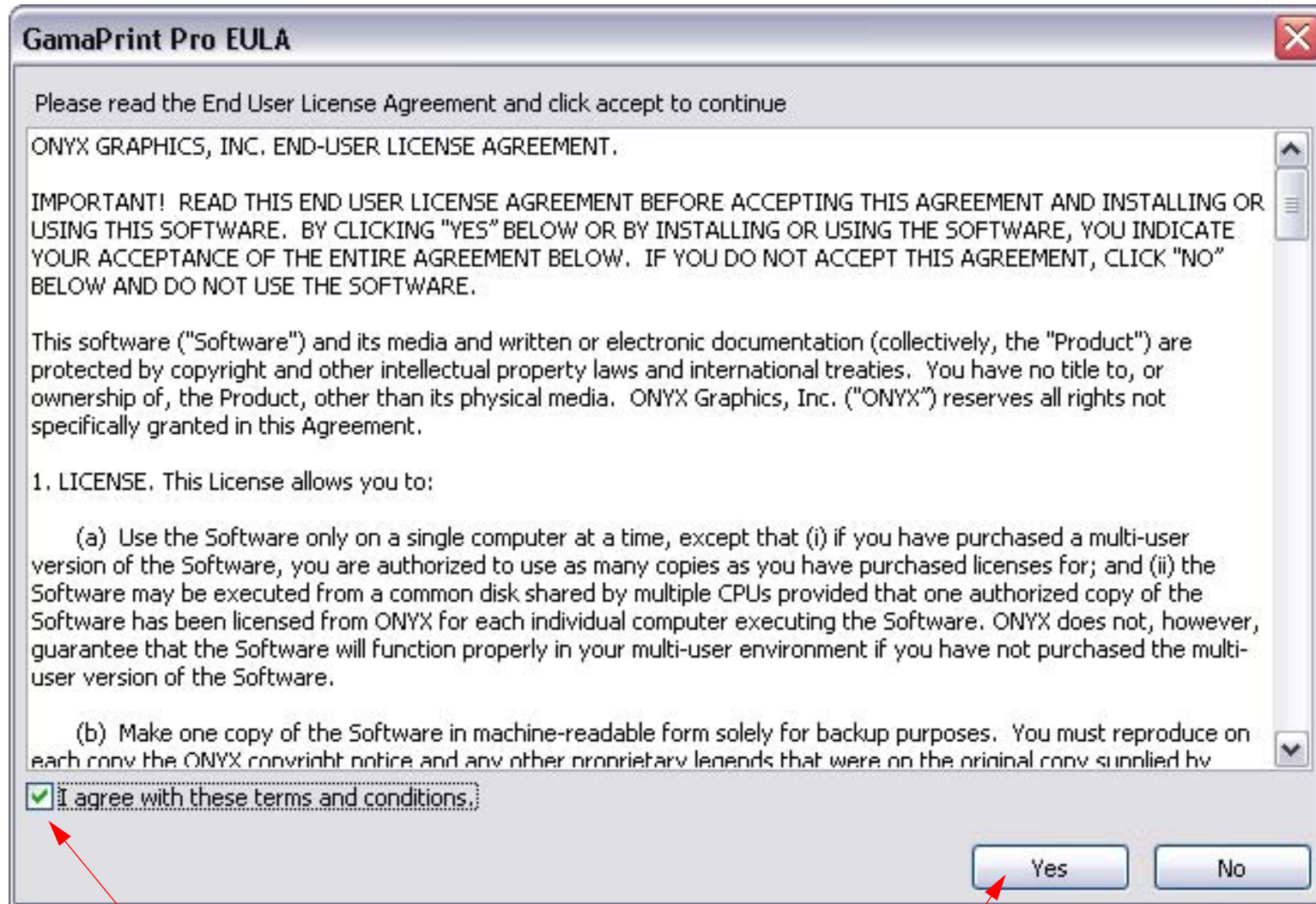
Installation

Install (GamaPrint Pro)

1. Disable any **Virus Software**.
2. Insert the **Onyx Dongle** into a **USB port** before beginning the install.
3. GamaPrint Pro Install.



4. GamaPrint Pro Install (continued)

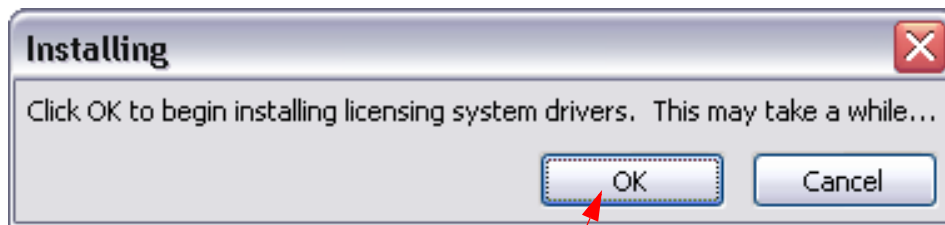


1. Check Here.

2. Click on **Yes**

5. GamaPrint Pro Install (continued)

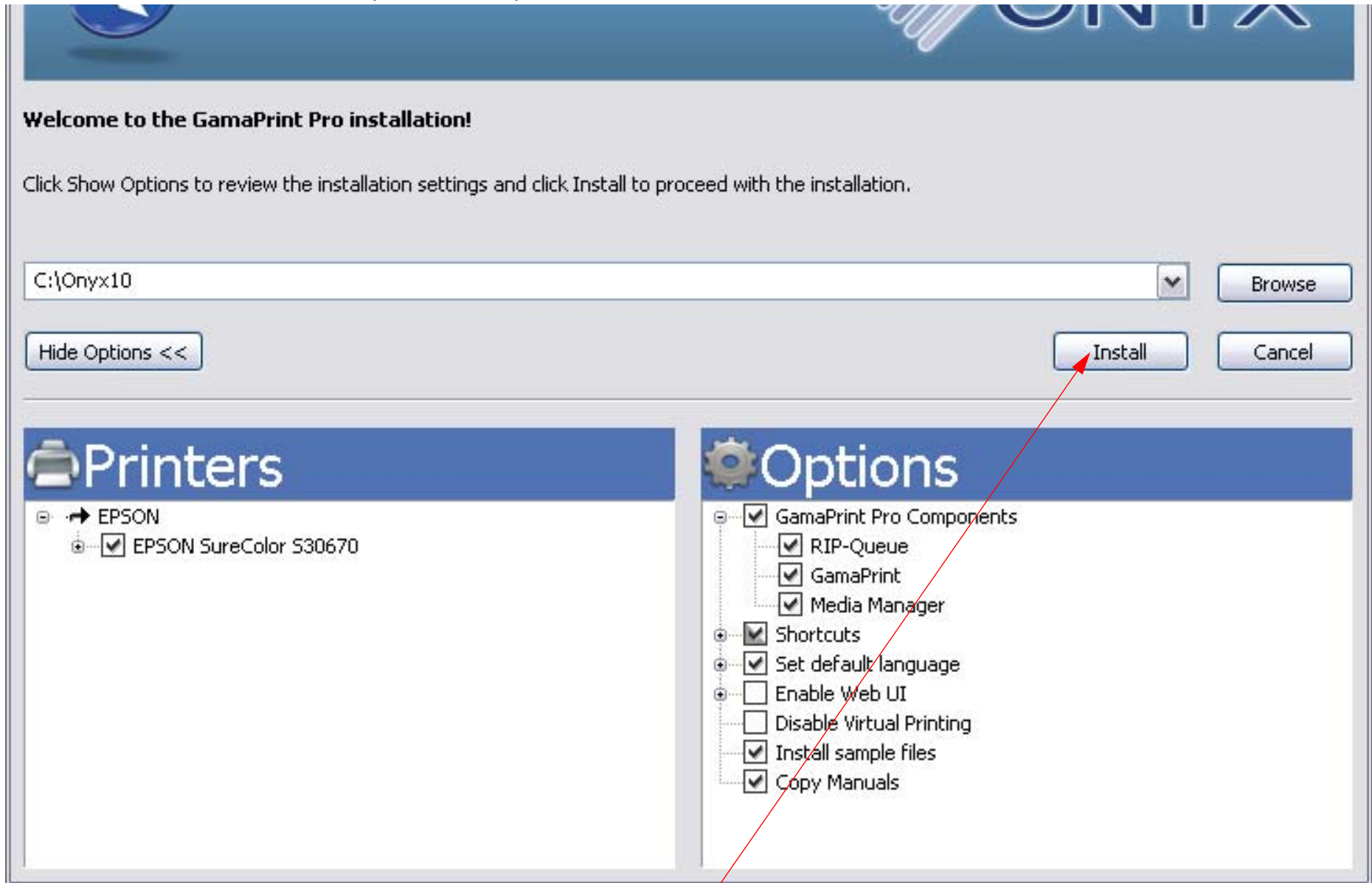
Note: If the USB Dongle is not installed at this time, the HASP driver for it will not be installed. Ensure that the Dongle is connected.



3. Click on **OK**.

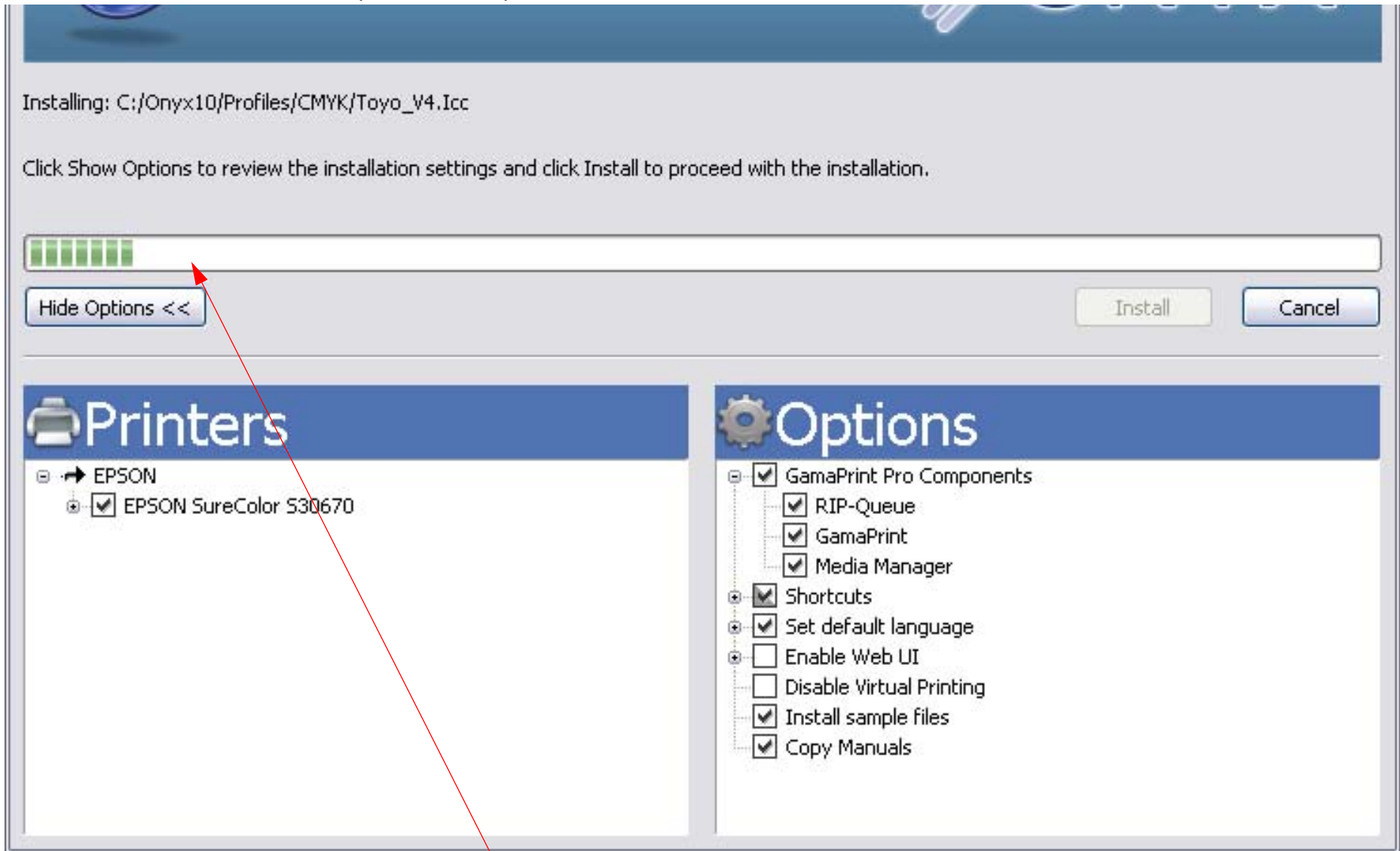
Note: At the end of step 3. the red light on the Dongle should light.

6. GamaPrint Pro Install (continued)



4. Accept the default options, and click on **Install**.

7. GamaPrint Pro Install (continued)



5. The progress bar will track the install routines progress.

8. GamaPrint Pro Install (continued)

A screenshot of a Windows command prompt window. The title bar reads "C:\WINDOWS\system32\cmd.exe". The window contains a list of ten lines, each displaying "1 file(s) copied.". A red arrow points from the text "6. The Install routine will display this screen." below to the command prompt window.

```
C:\WINDOWS\system32\cmd.exe
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
1 file(s) copied.
```

6. The Install routine will display this screen.

9. GamaPrint Pro Install (continued)

Communications Notice

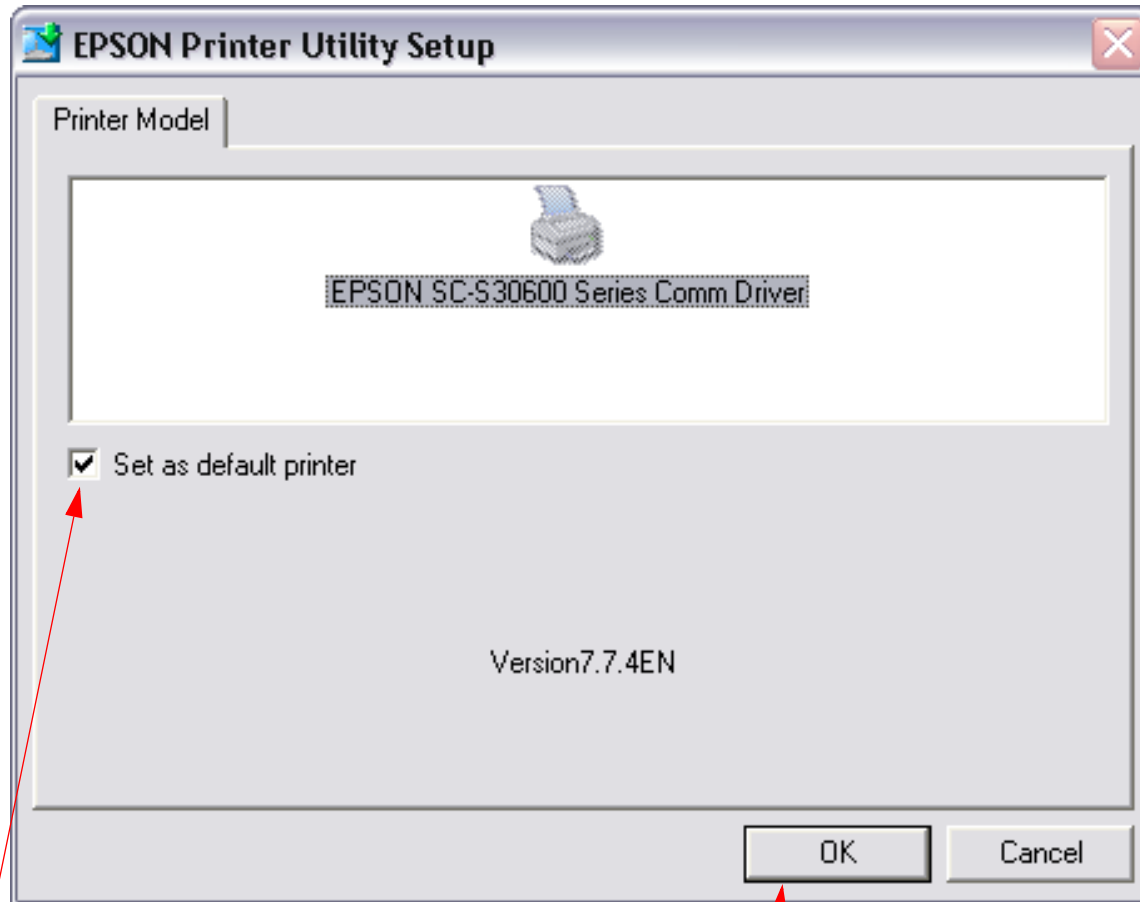
Note: If USB communications are to be used to communicate with the printer, please install the Epson communication driver. The printer information status display functionality requires the Epson communication driver to be installed when using USB to communicate with the printer.

If TCP/IP communications are to be used to communicate with the printer, please cancel the Epson communication driver installation.



7. Click on **OK**.

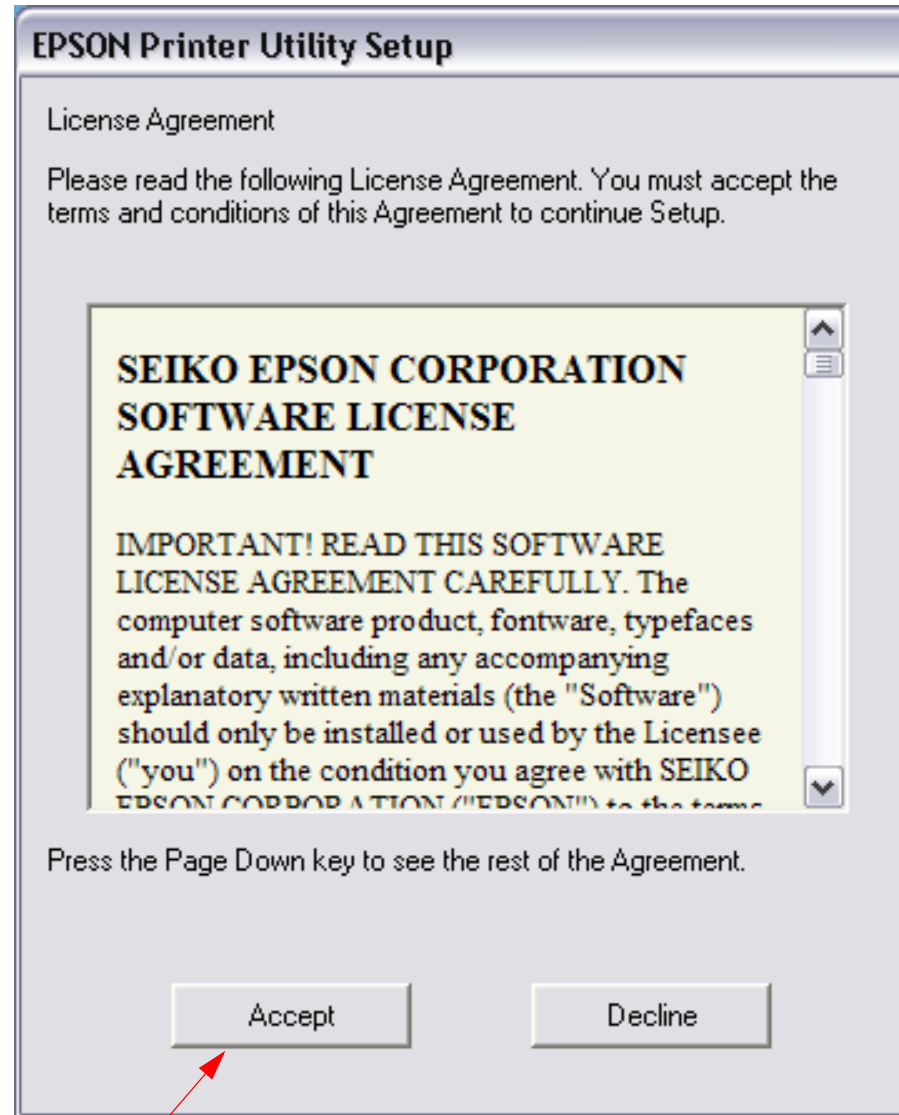
10. GamaPrint Pro Install (continued)



8. Un-check this box.

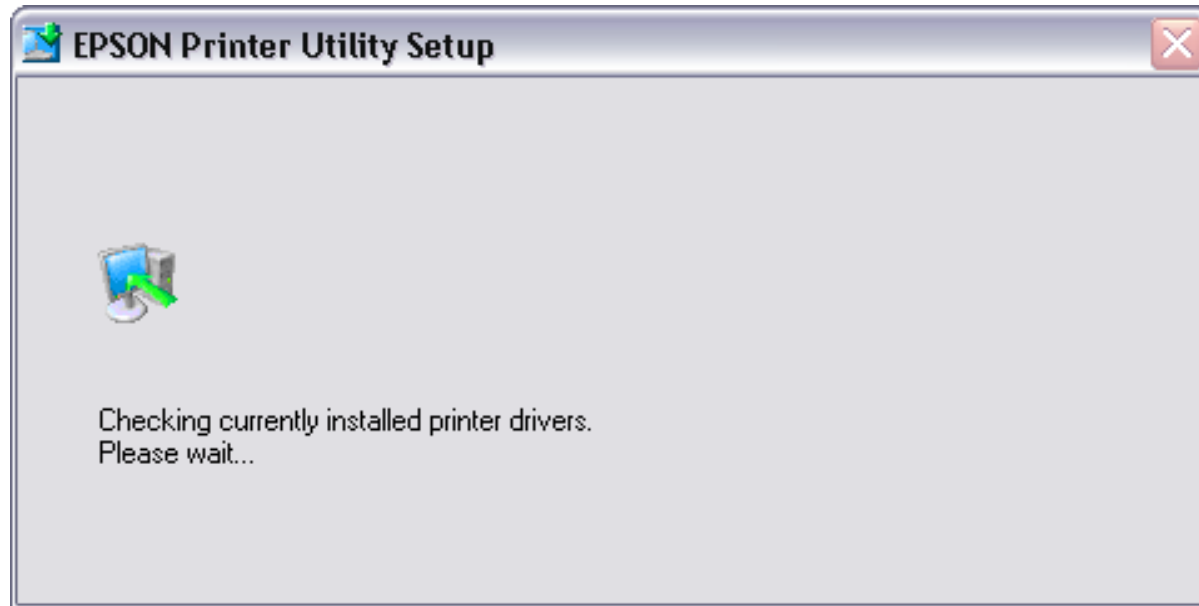
9. Click on **OK**.

11. GamaPrint Pro Install (continued)

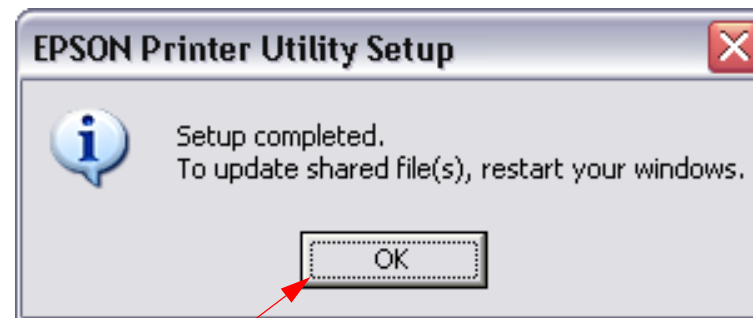


10. Click on **Accept**.

12. GamaPrint Pro Install (continued)

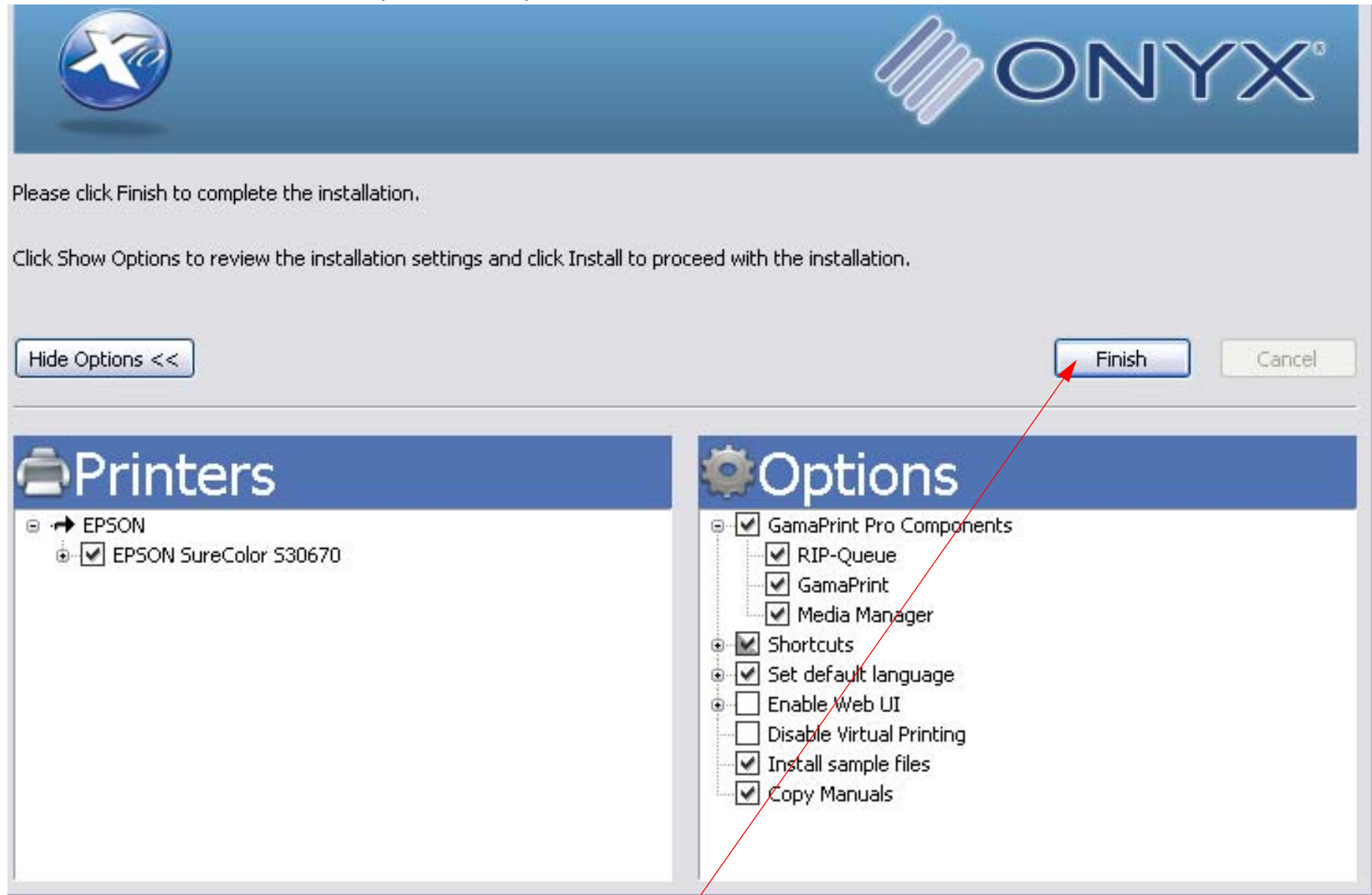


11. The USB Comm Driver install routine will display it's progress



12. Click on **Ok**, but do not restart your computer.

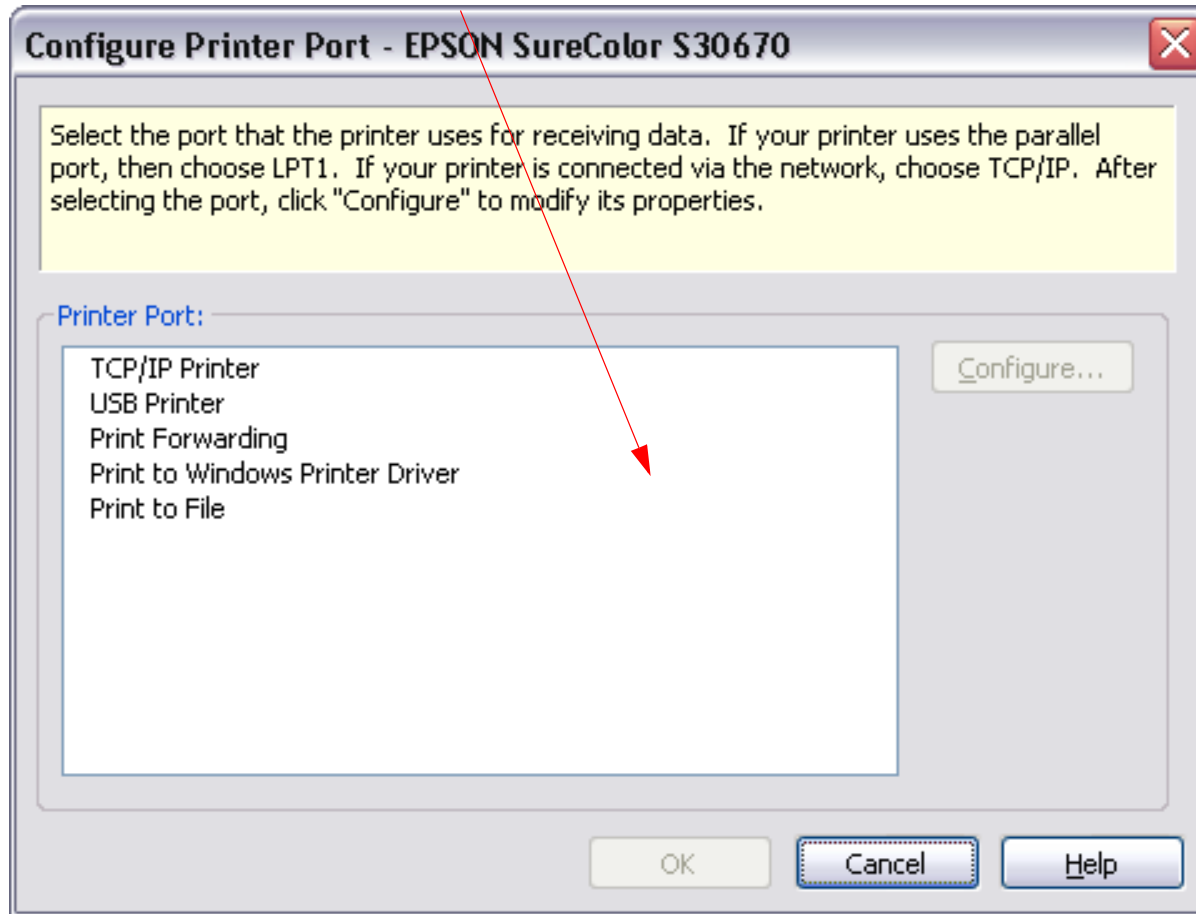
13. GamaPrint Pro Install (continued)



13. Click on **Finish** to complete the install.

14. GamaPrint Pro Install (continued)

14. **GamaPrint Pro** will auto-launch after the install, and display this dialog box



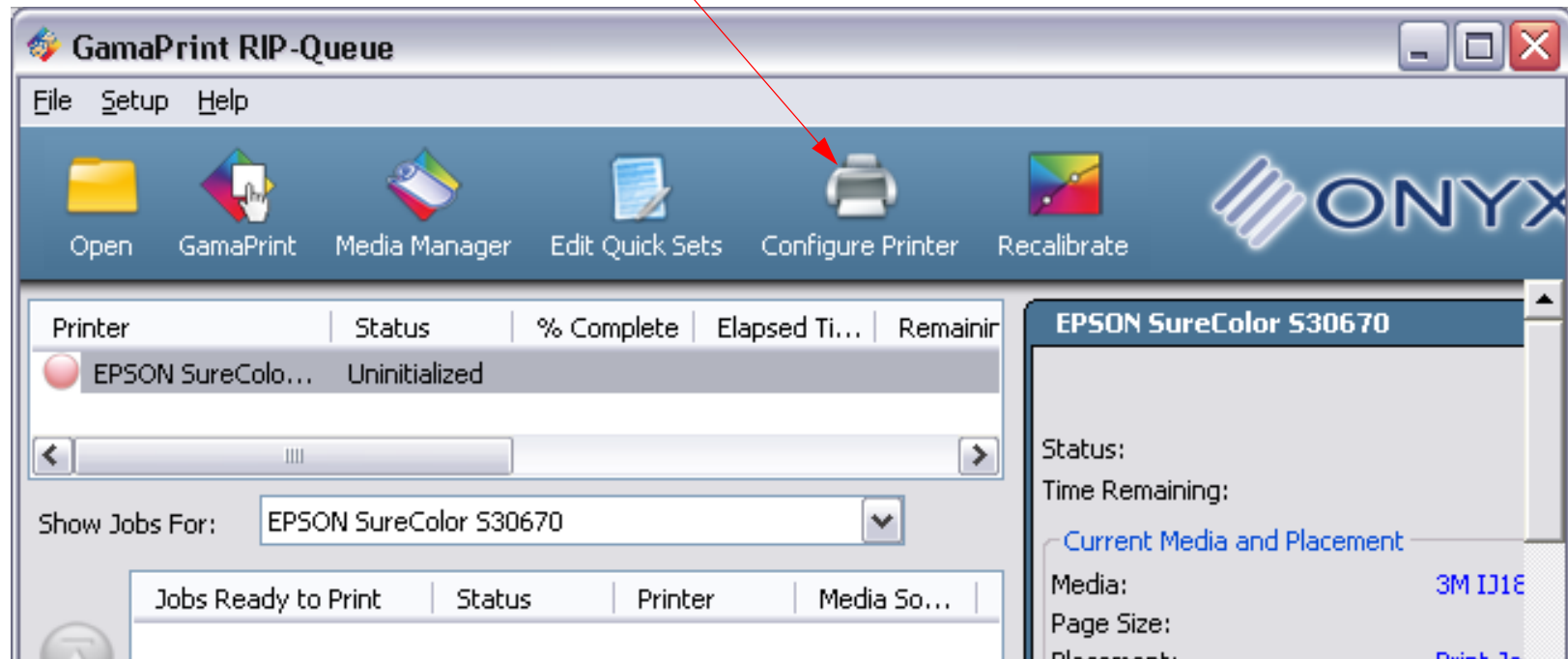
15. Click on **Cancel**.

Note: Refer to the Connecting USB or Connecting TCPIP chapters for explanations on how to connect GamaPrint Pro to the S30670 Printer.

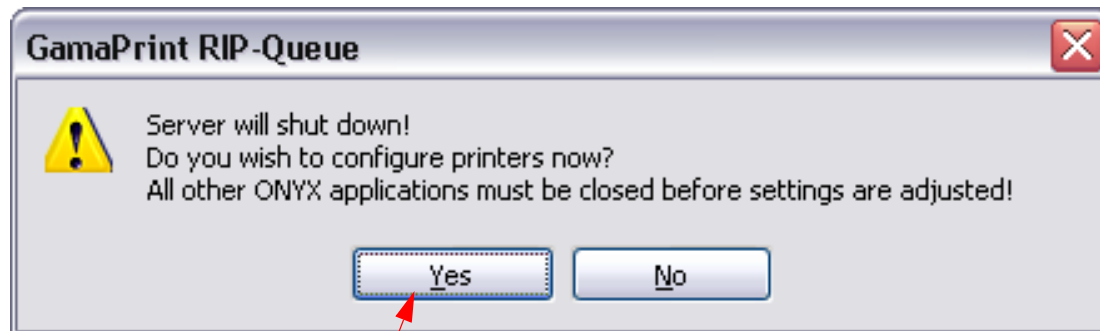
Connecting (USB)

1. Ensure that the S30670 *Comm Driver* is installed.
2. Connect the **Printer** to the **Computer** hosting the *Onyx Software* with a **USB Cable**.
3. Launch *GamaPrint RIP-Queue*.
4. Connecting USB.

1. Click on *Configure Printer*



5. Connecting USB (Continued)

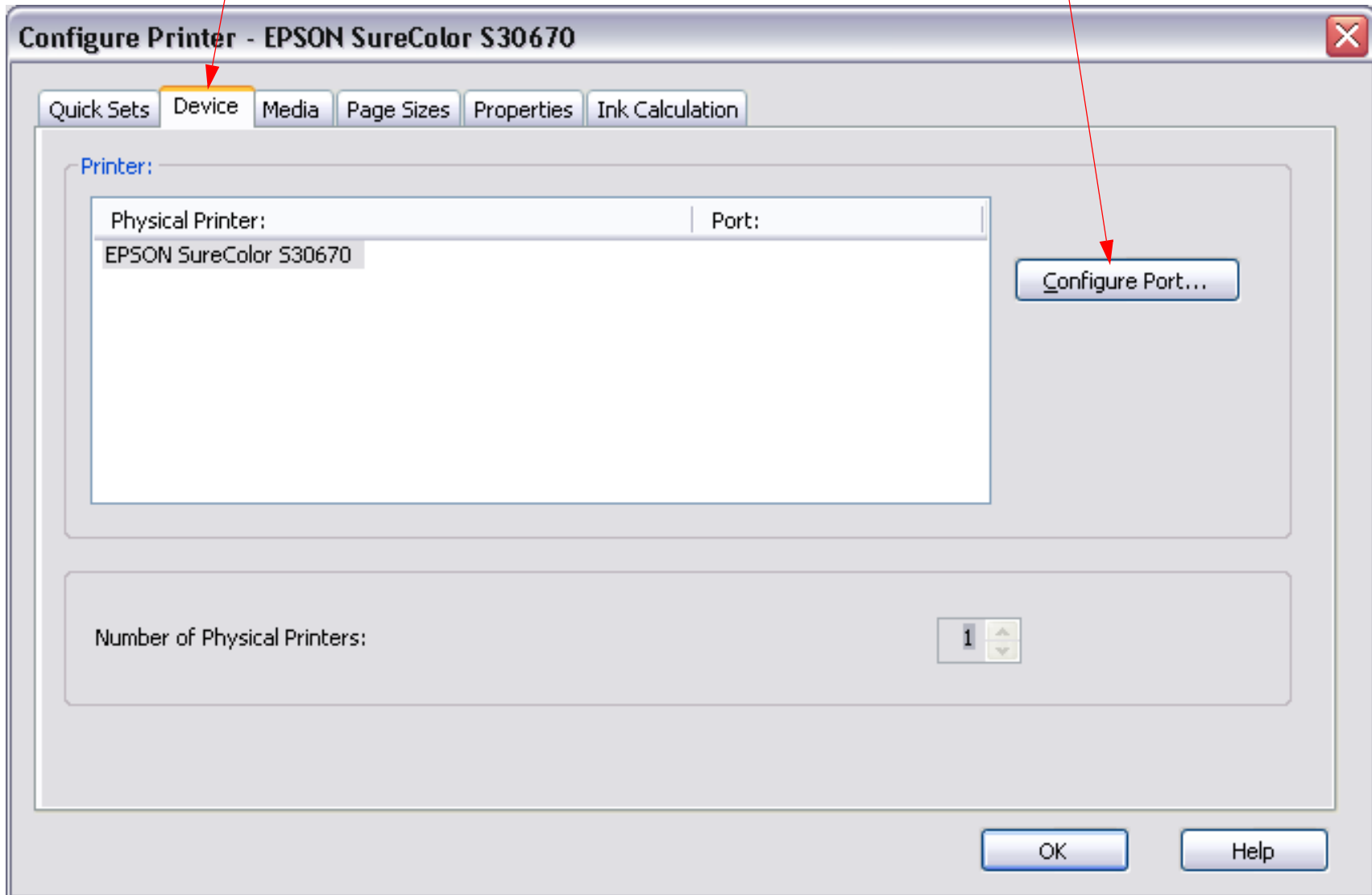


2. Click on **Yes**

6. Connecting USB (Continued)

3. Click on **Device**.

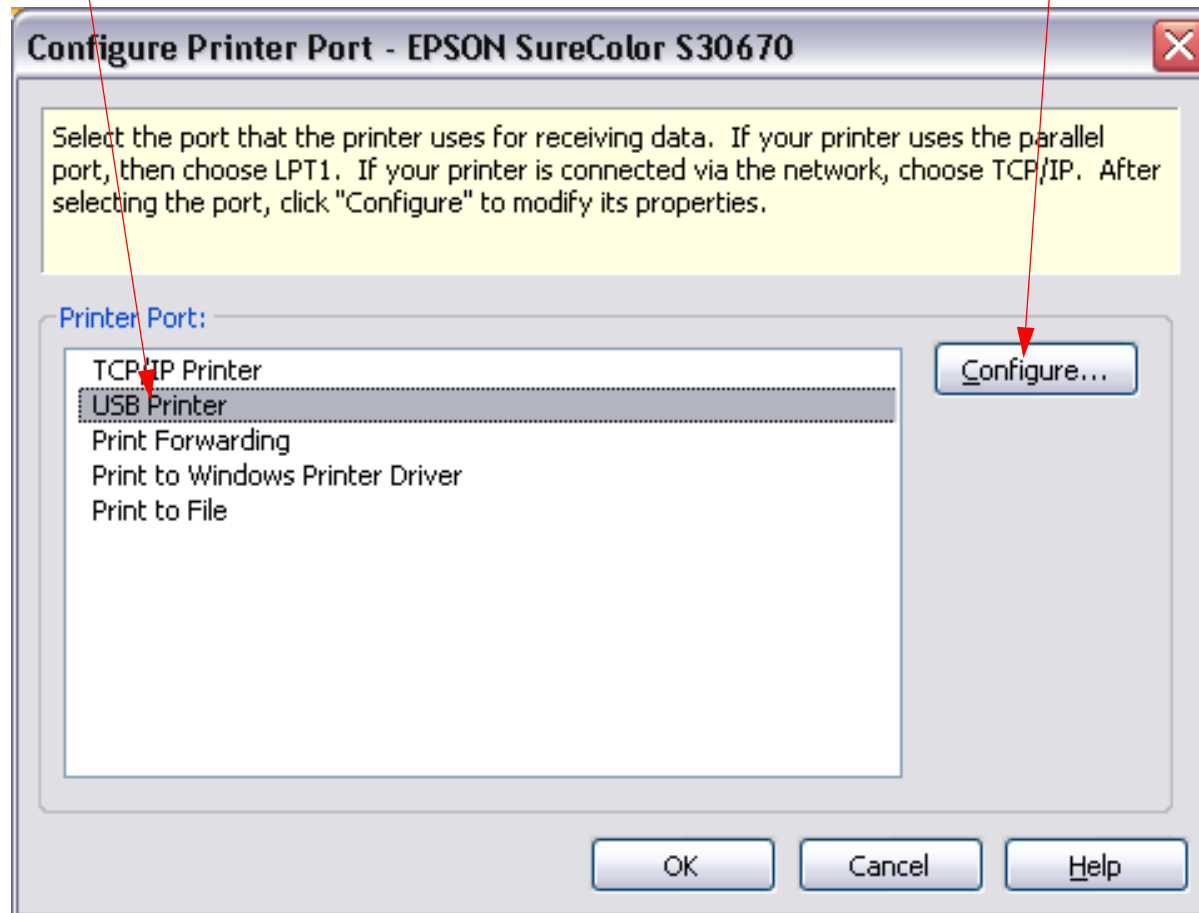
4. Click on **Configure Port...**



7. Connecting USB (Continued)

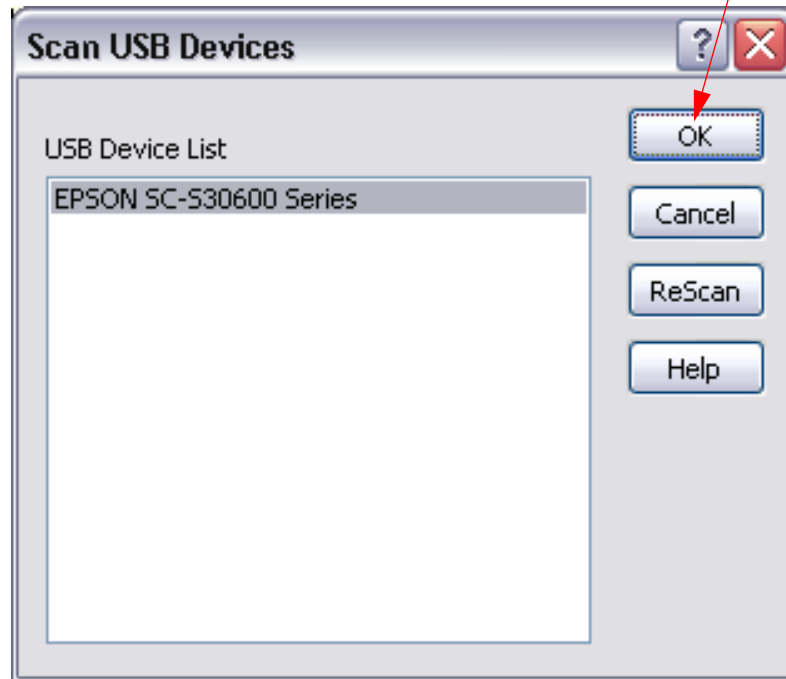
5. Click on **USB Printer**.

6. Click on **Configure**

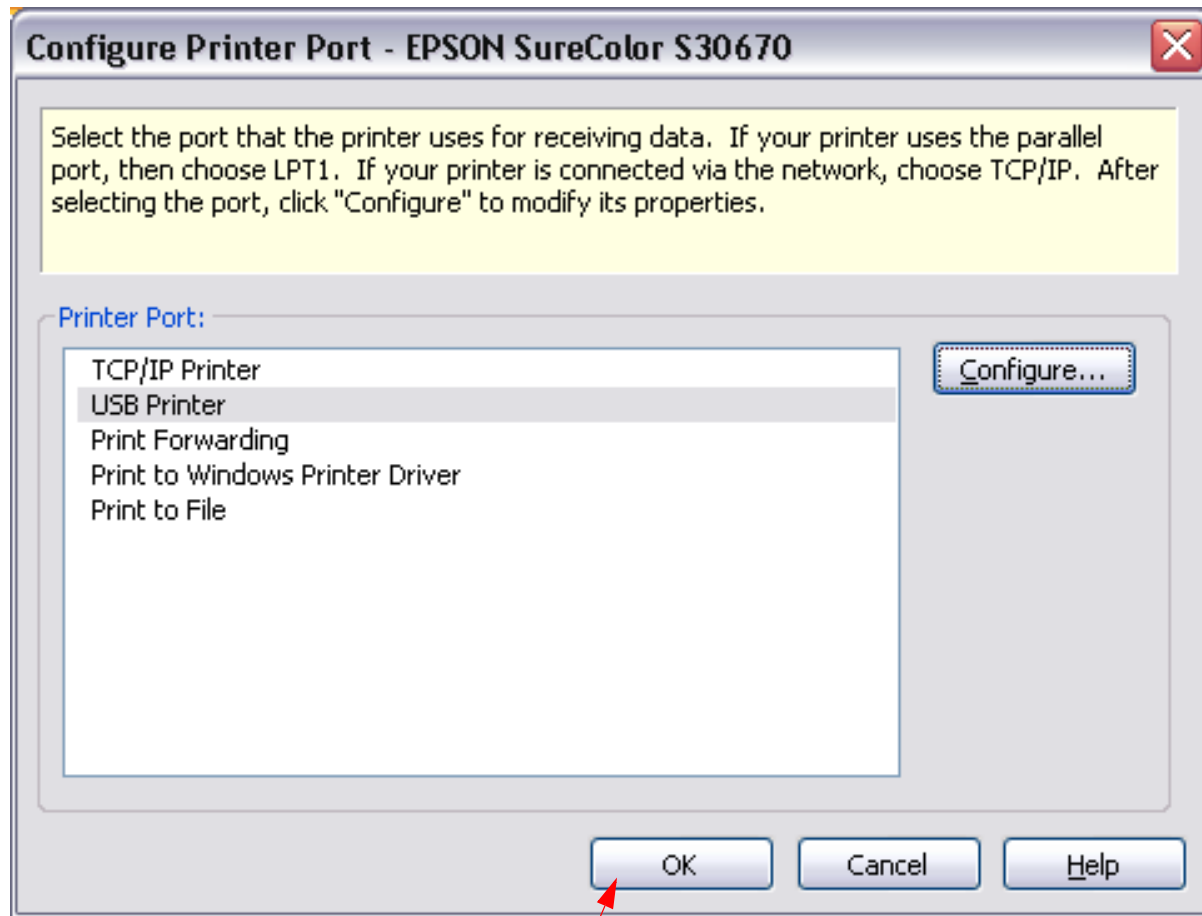


8. Connecting USB (Continued)

7. Click on **OK**

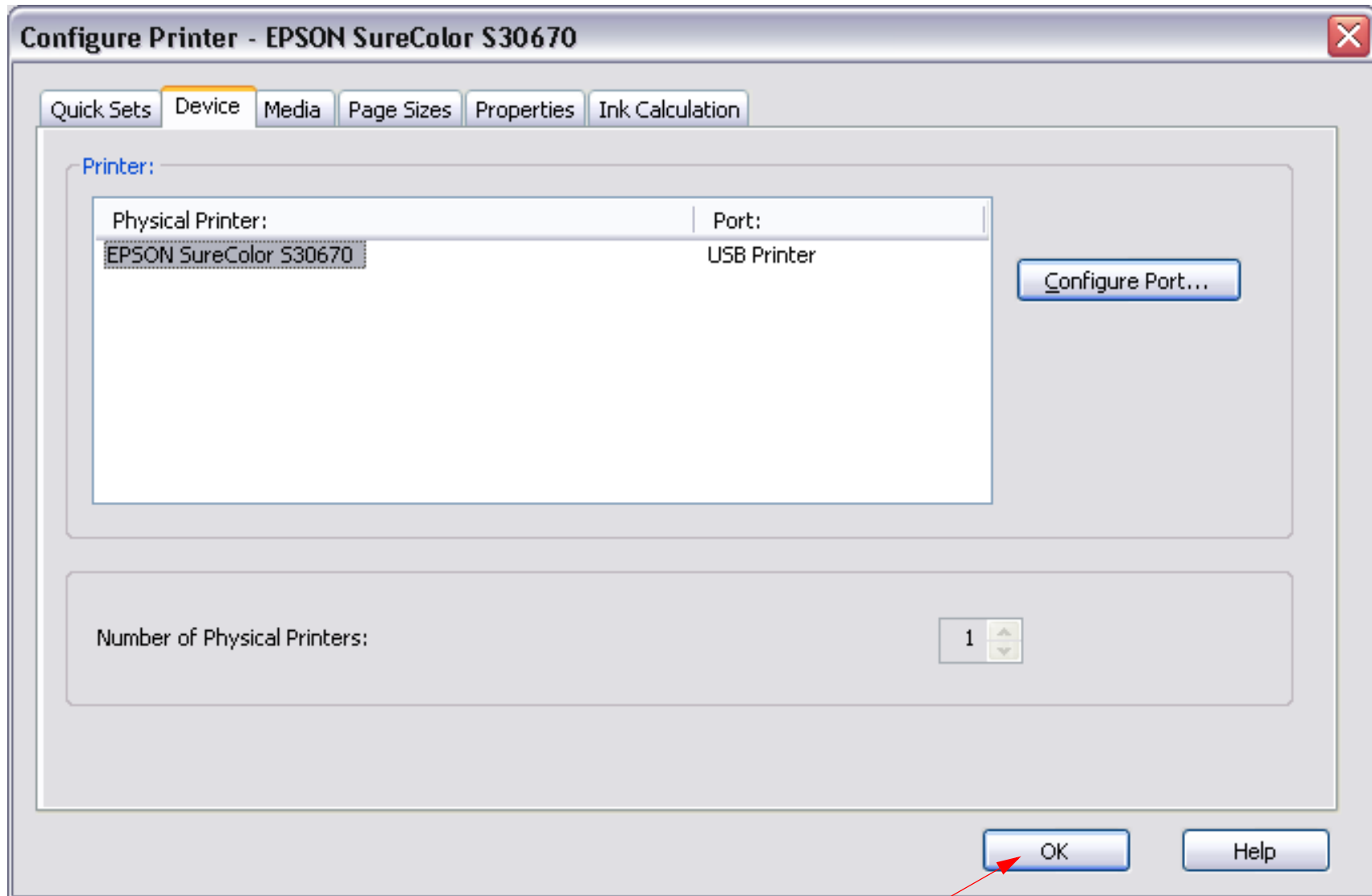


9. Connecting USB (Continued)



8. Click on **OK**

10. Connecting USB (Continued)

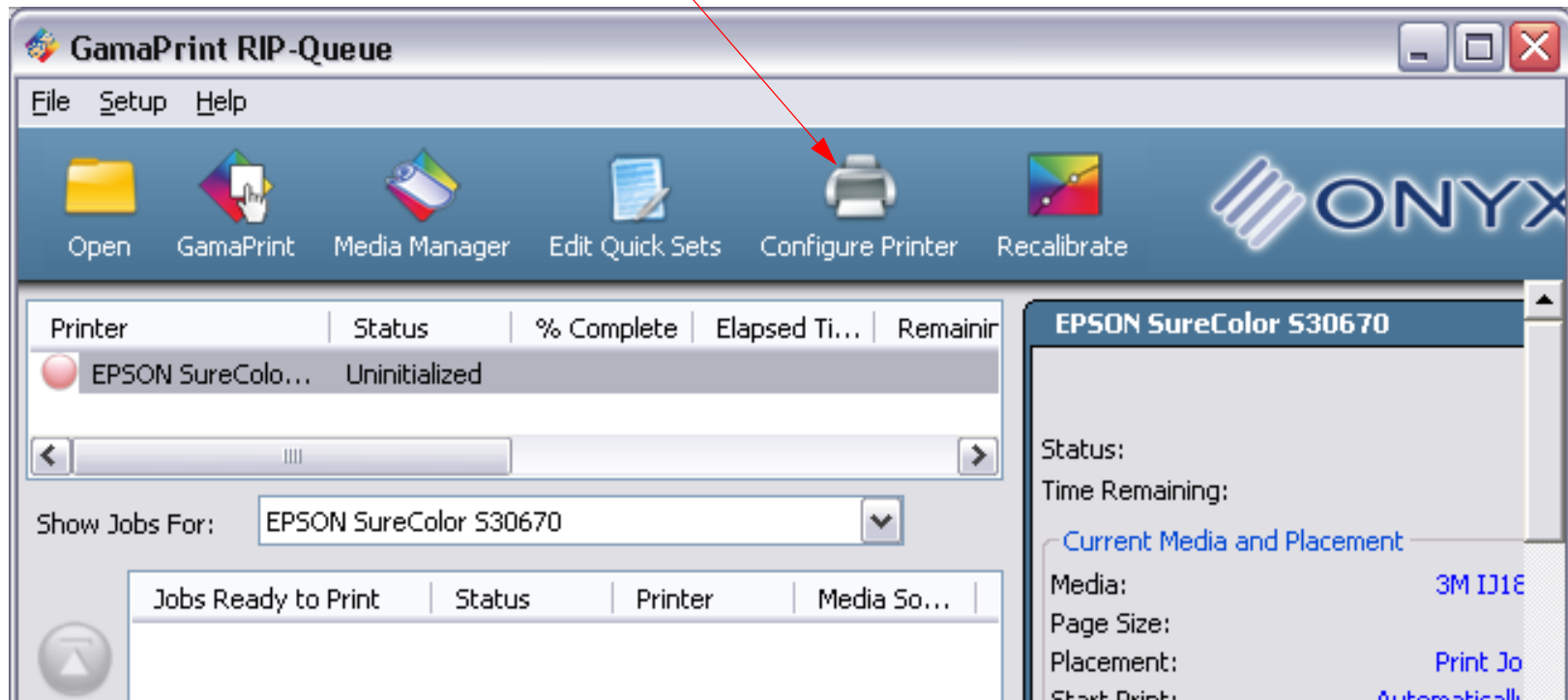


9. Click on **OK** to finish.

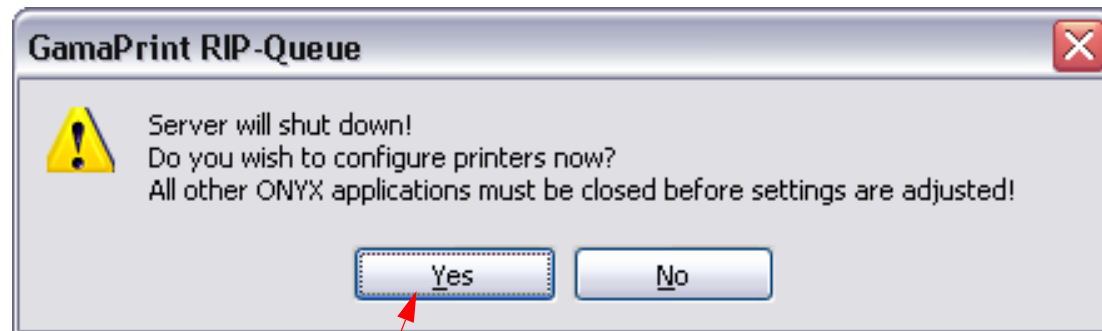
Connecting (TCPIP)

1. Determine the IP address of the **Printer** (a fixed IP address is recommended).
2. Launch **GamaPrint RIP-Queue**.
3. Connect the **Printer** to the **Computer** hosting the **Onyx Software** with an **Ethernet Cable**.
4. Connecting TCPIP

1. Click on **Configure Printer**



5. Connecting TCPIP (Continued)

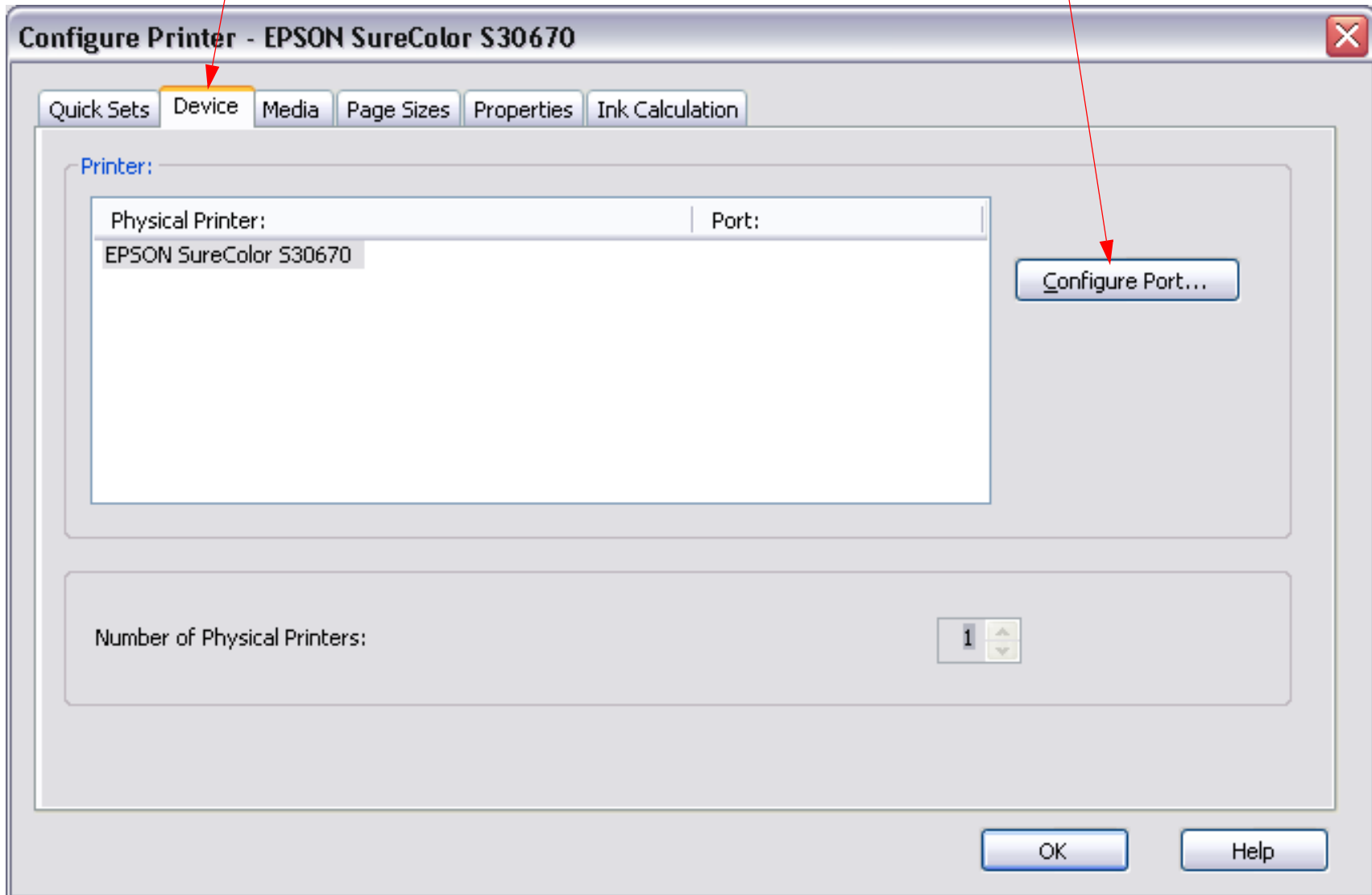


2. Click on **Yes**

6. Connecting TCPIP (Continued)

3. Click on **Device**.

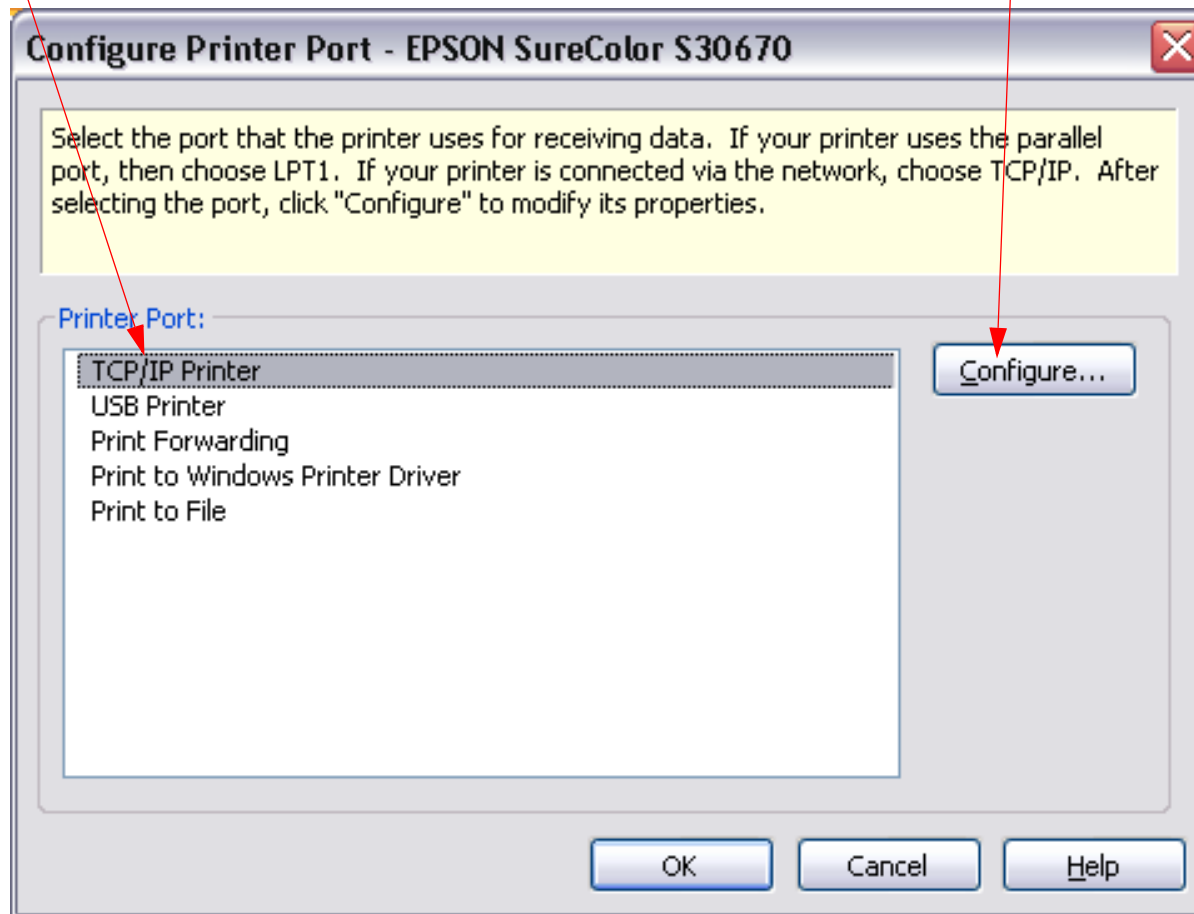
4. Click on **Configure Port...**



7. Connecting TCPIP (Continued)

5. Click on **TCP/IP Printer**.

6. Click on **Configure**



8. Connecting TCPIP (Continued)

7. Enter the IP address of the Printer.

8. Click on **Test**.

Configure TCP/IP Printer

Host Name or IP Address
Enter the IP Address (or Host Name) of the device or print server. Example:
123.456.789.012

Data Type or Port Name:
Choose a selection from the pull-down menu, or type in a new name. Use "<Port9100>"
for most devices. Please refer to the device documentation if "<Port9100>" is unsuccessful.

Host name or IP address:
136.239.96.117

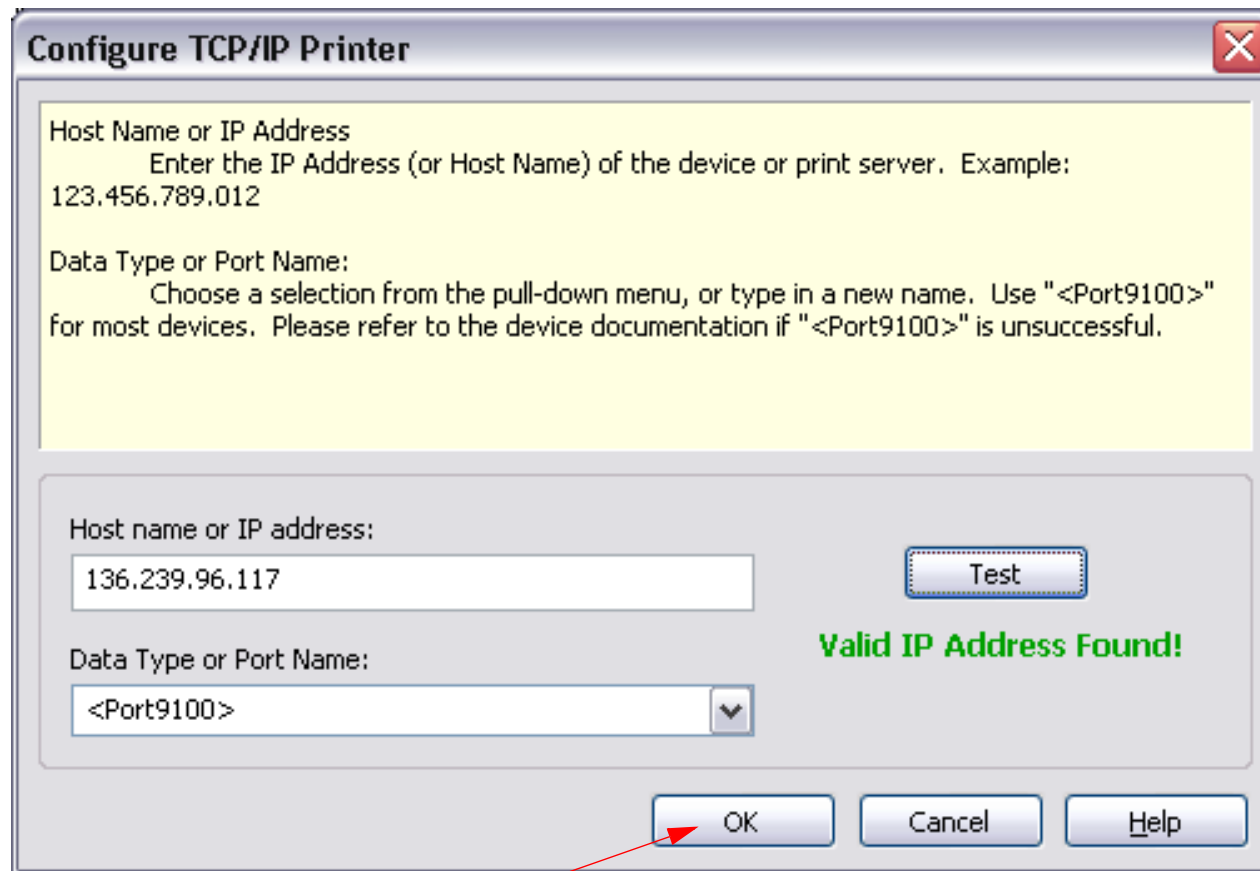
Data Type or Port Name:
<Port9100>

Test

OK Cancel Help

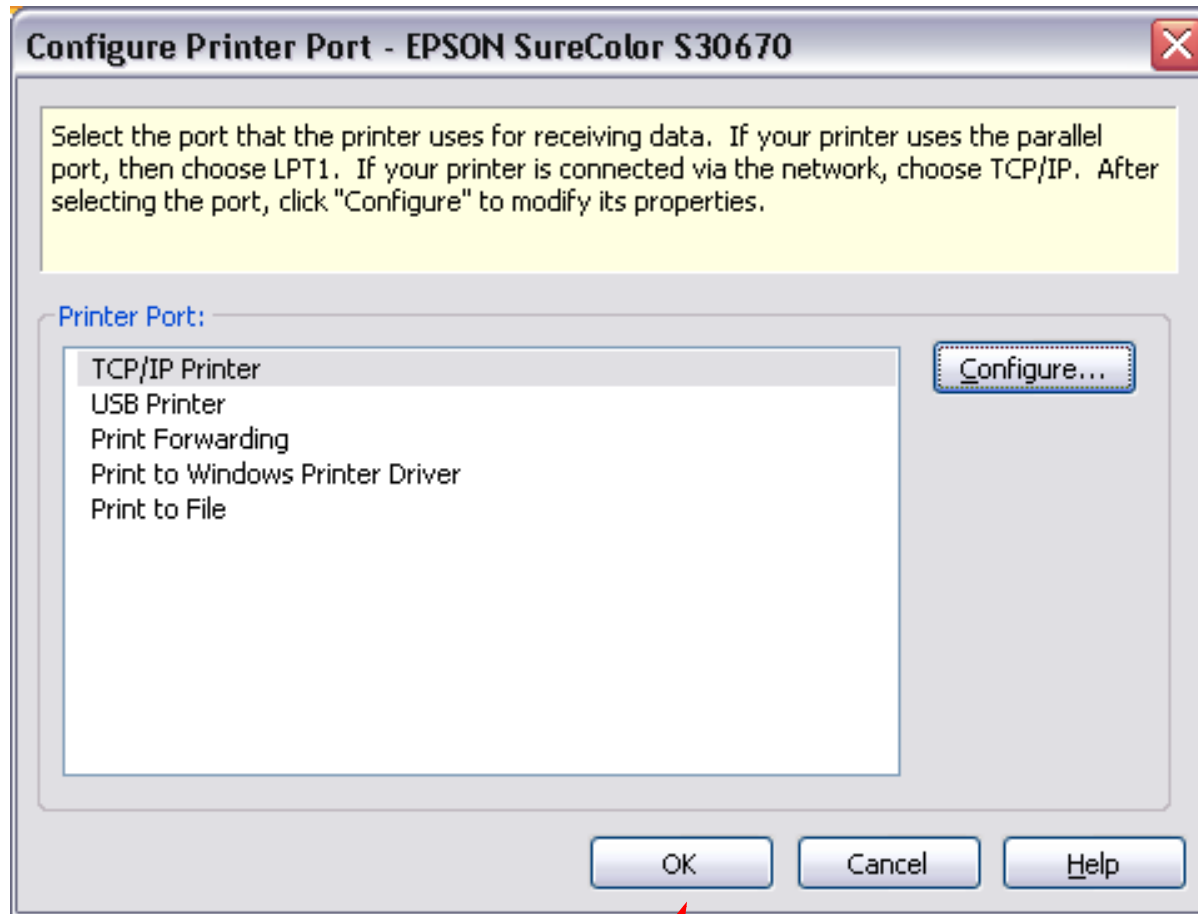
9. Connecting TCPIP (Continued)

9. If the connection is valid, this message will be displayed.



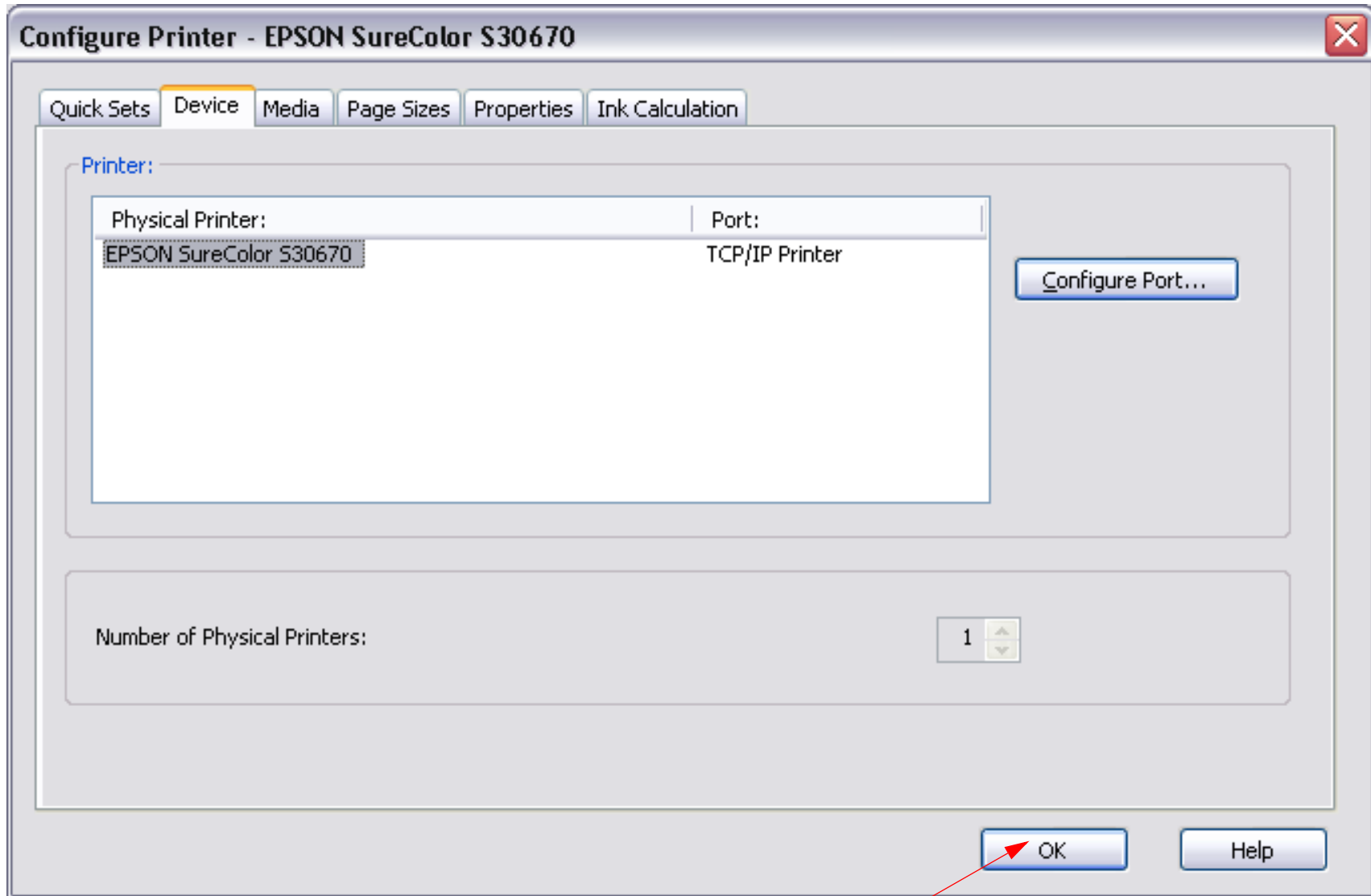
10. Click on **OK**.

10. Connecting TCPIP (Continued)



11. Click on **OK**

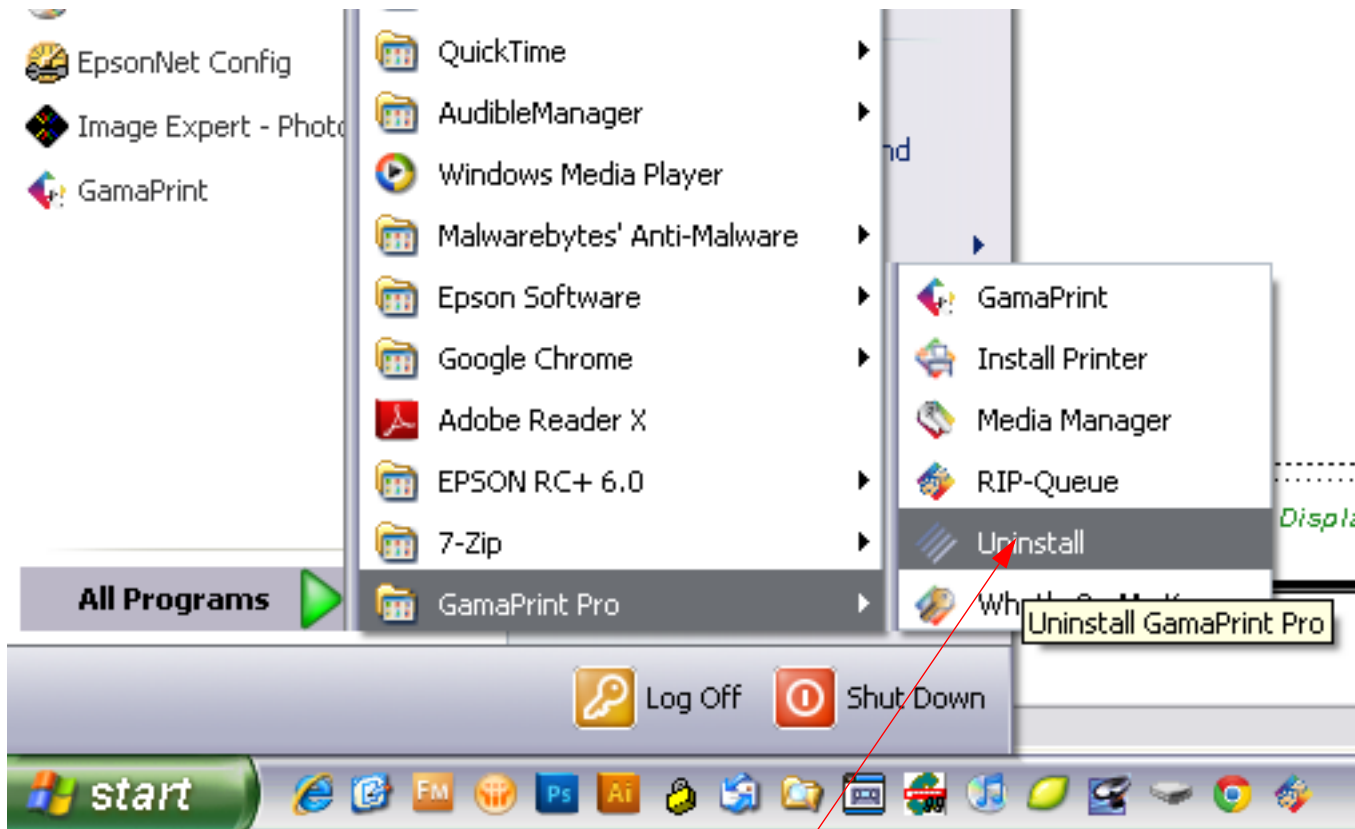
11. Connecting TCPIP (Continued)



12. Click on **OK** to finish.

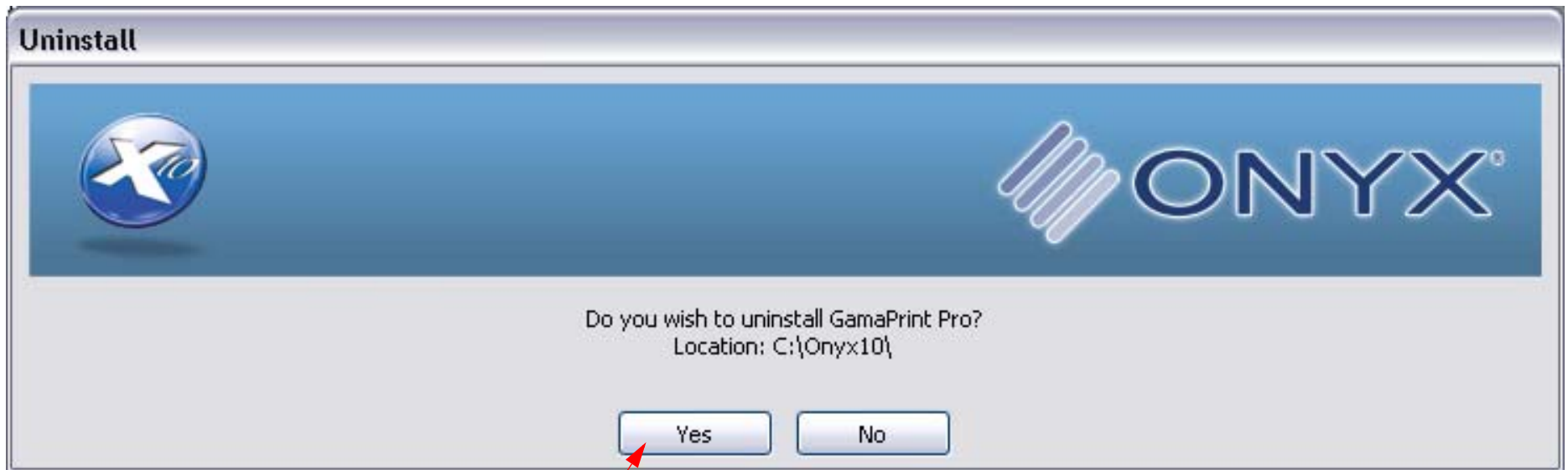
Un-Install (GamaPrint Pro)

1. Ensure that *GamaPrint Pro* is not running.
2. Un-install GamaPrint Pro.



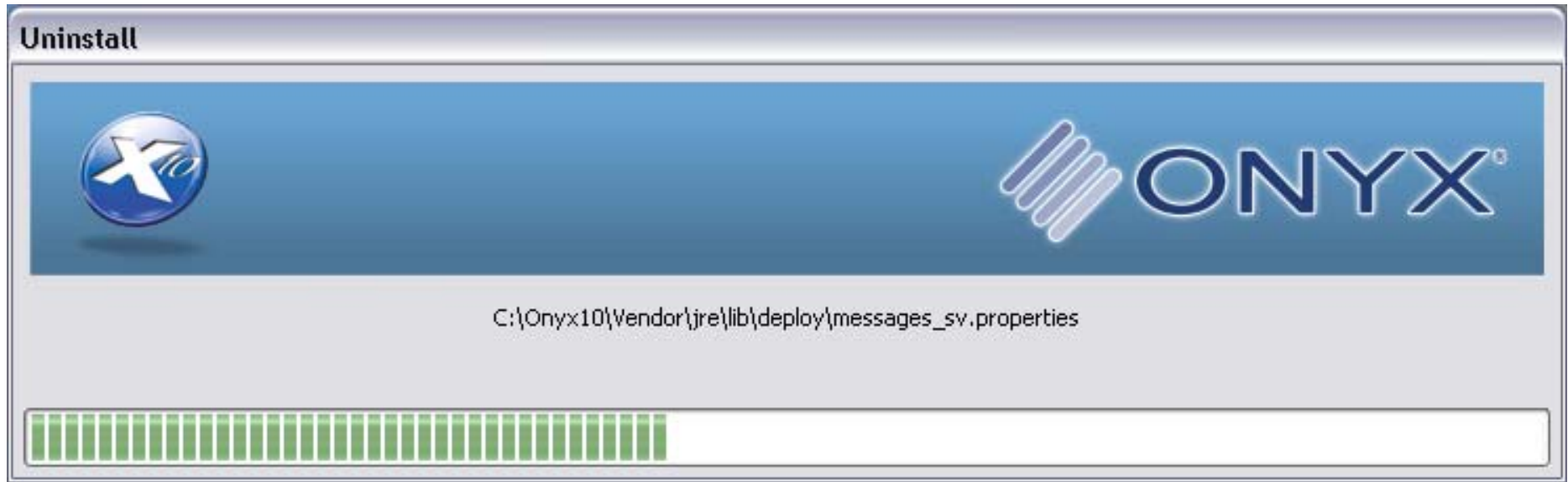
1. Navigate to *Start\GamaPrintPro\Uninstall*.

3. Un-install GamaPrint Pro (continued)



2. Click on **Yes**

4. Un-install GamaPrint Pro (continued)



3. Click on **OK**.

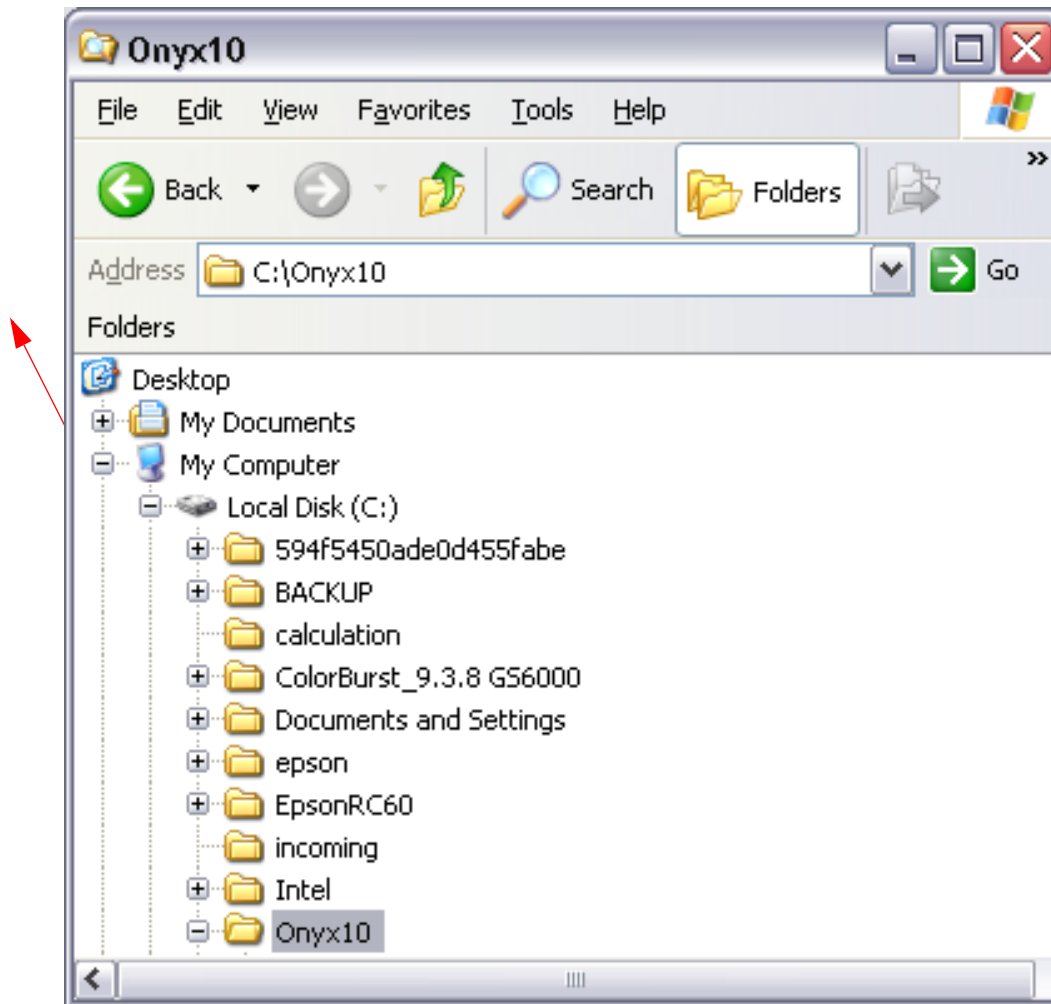
Note: At the end of step 3. the red light on the Dongle should light.

5. Un-install GamaPrint Pro (continued)



4. Click on *Finish*.

6. Un-install GamaPrint Pro (continued)



5. Navigate to the appropriate drive: **Onyx10**, and delete the folder.

Printing

Printing an Image

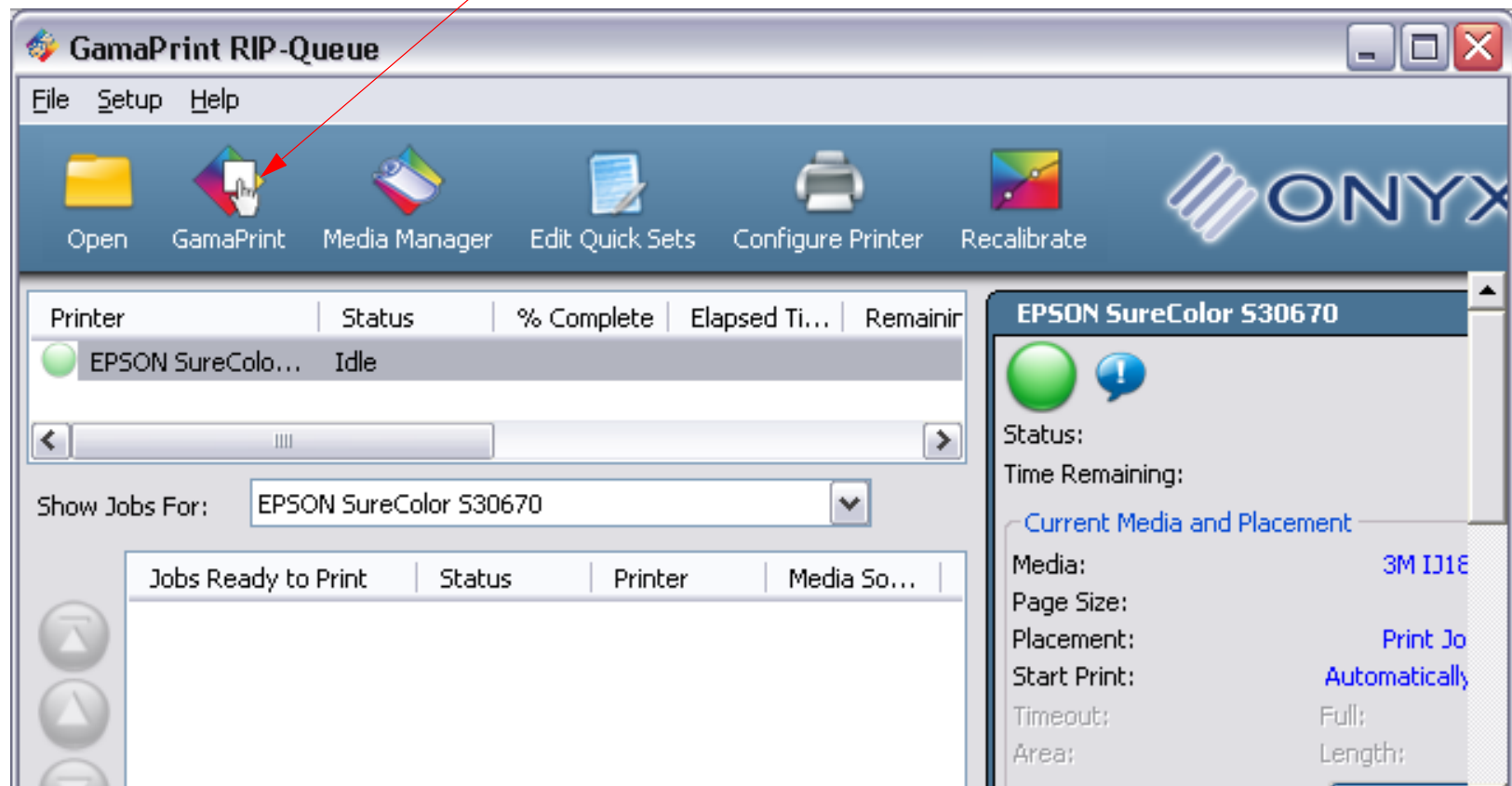
1. Launch **GamaPrint Queue**.

Note: It is possible to print directly from GamaPrint Queue, but it is not possible to change any print options. For that reason this chapter will use GamaPrint Pro Layout.

2. Load the appropriate media.

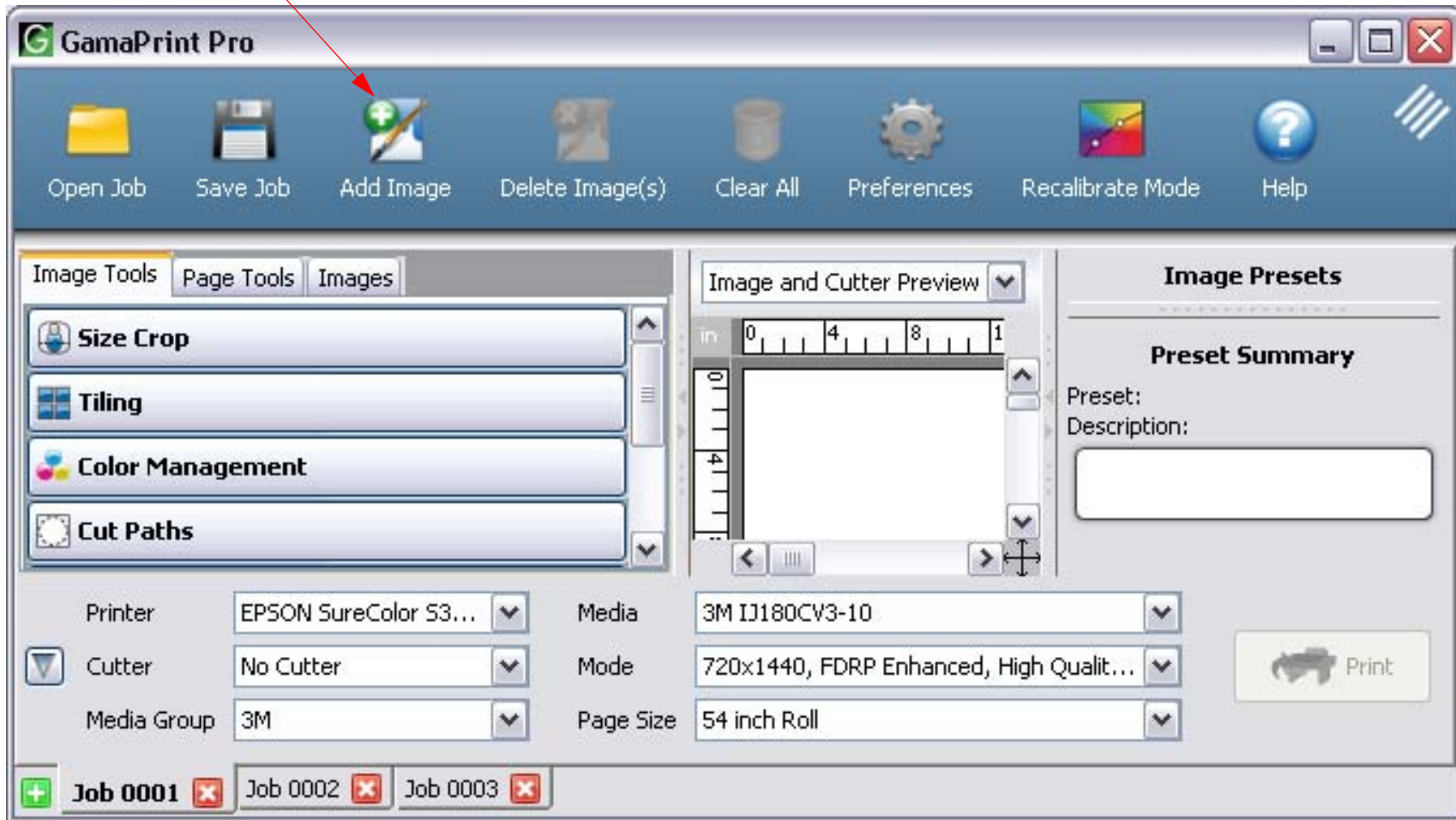
3. Printing an Image.

1. Click on **GamaPrint**.



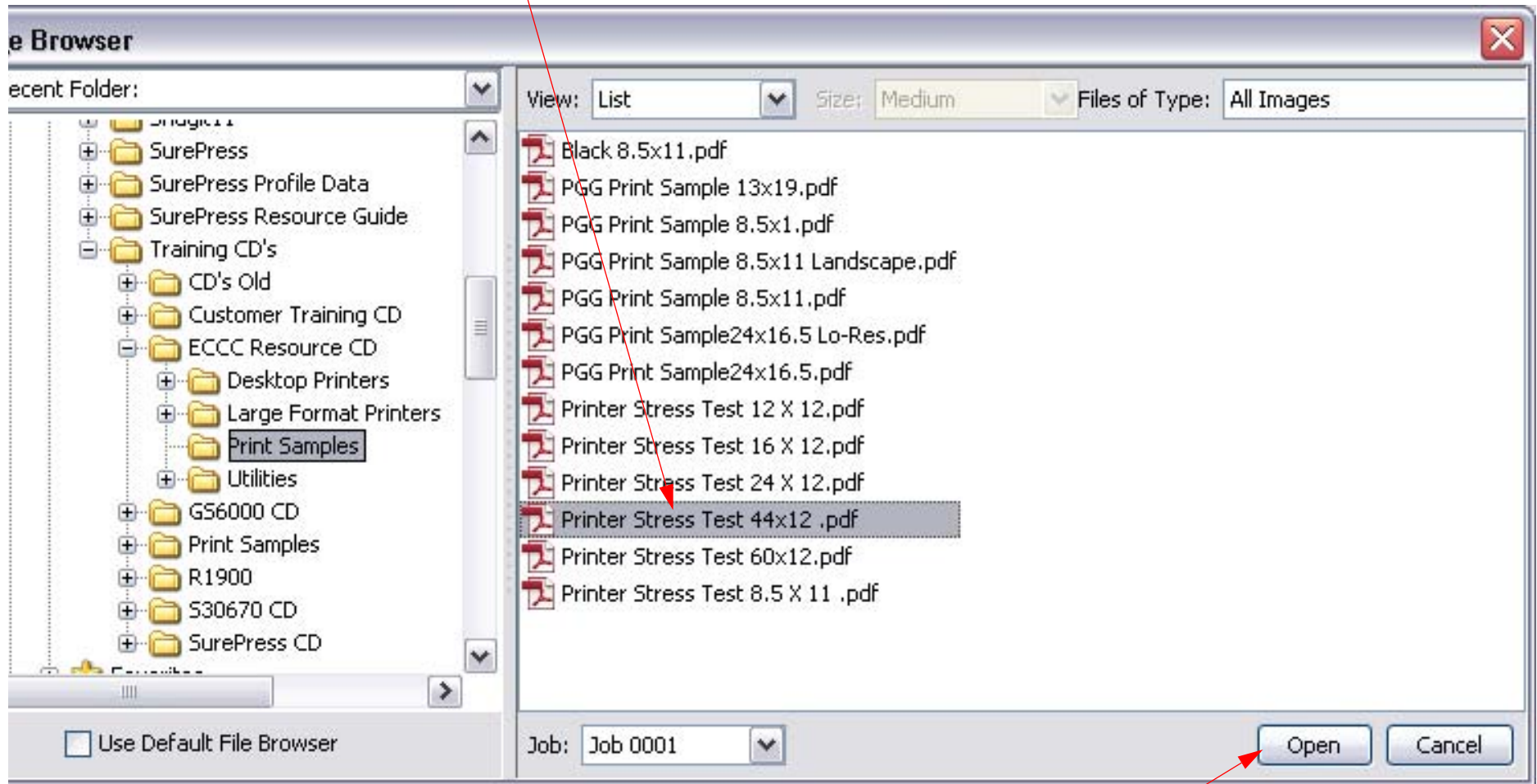
4. Printing an Image (continued)

2. Click on **Add Image**.



5. Printing an Image (continued)

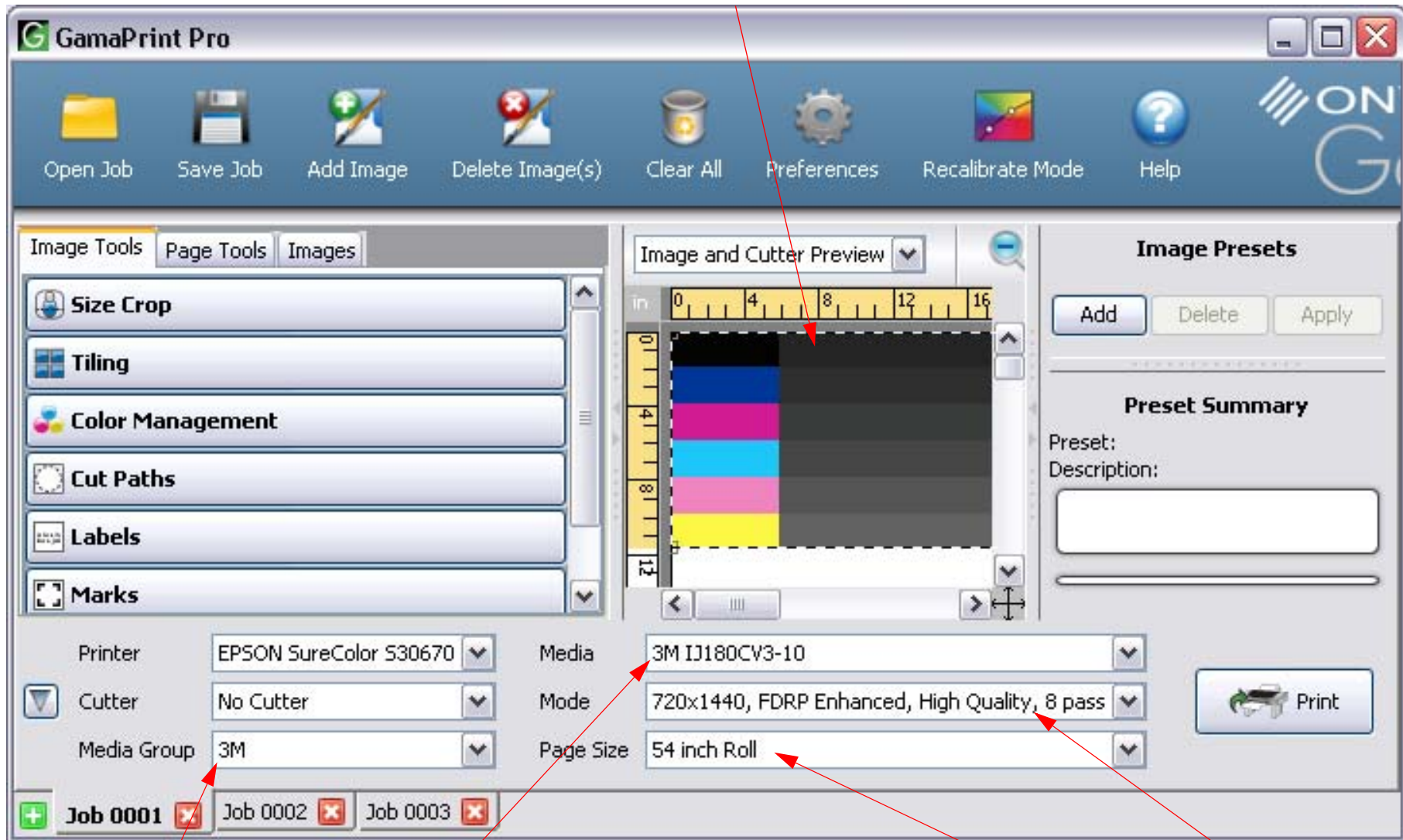
3. Navigate to, and select the appropriate Image.



4. Click on **Open**.

6. Printing an Image (continued)

5. The Selected Image will appear in the Layout Window.



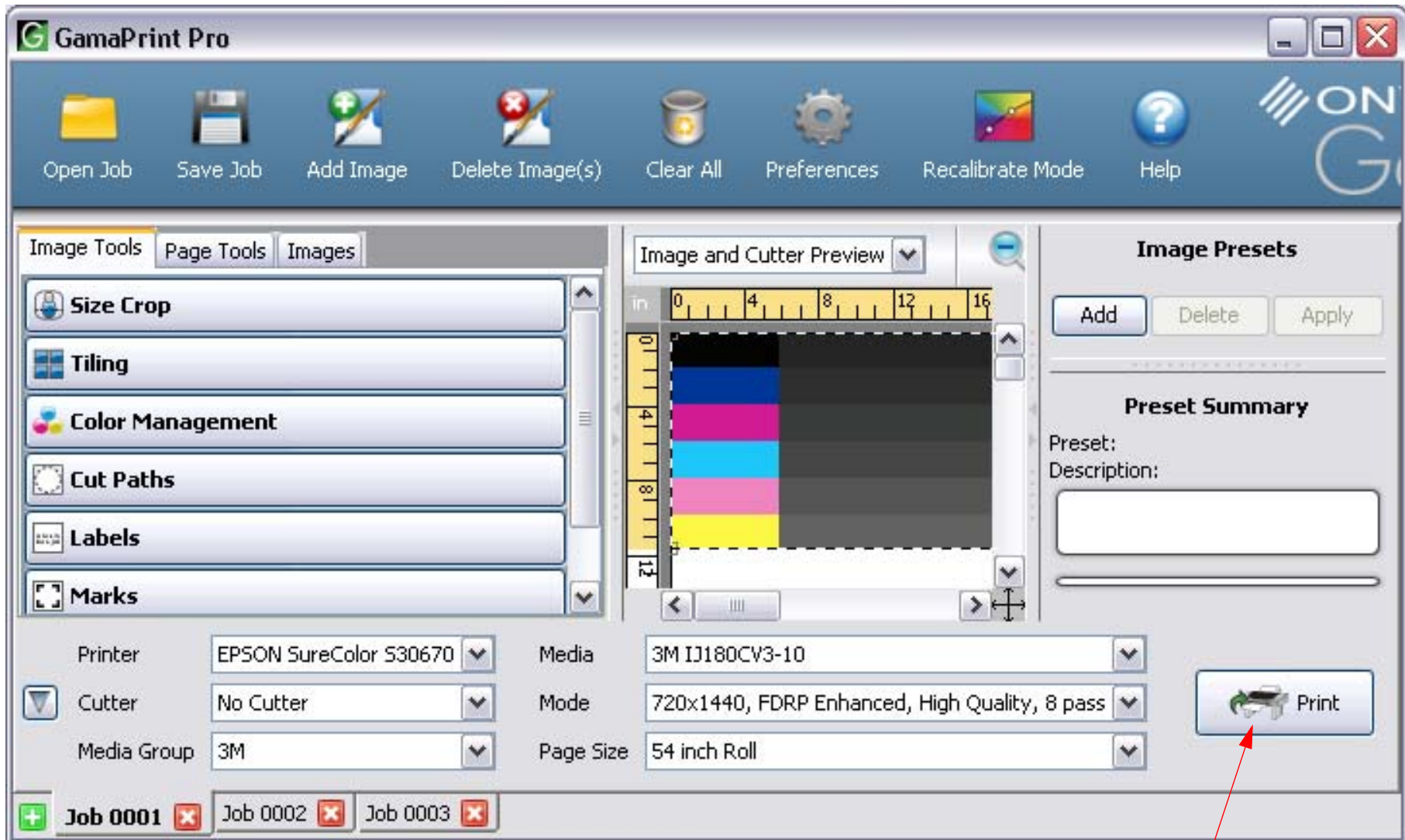
6. Select the appropriate **Media Group**.

7. Select the appropriate **Media**.

8. Select the appropriate **Page Size** (media width).

9. Select the appropriate **Mode** (profile).

7. Printing an Image (continued)



10. Click on **Print**.

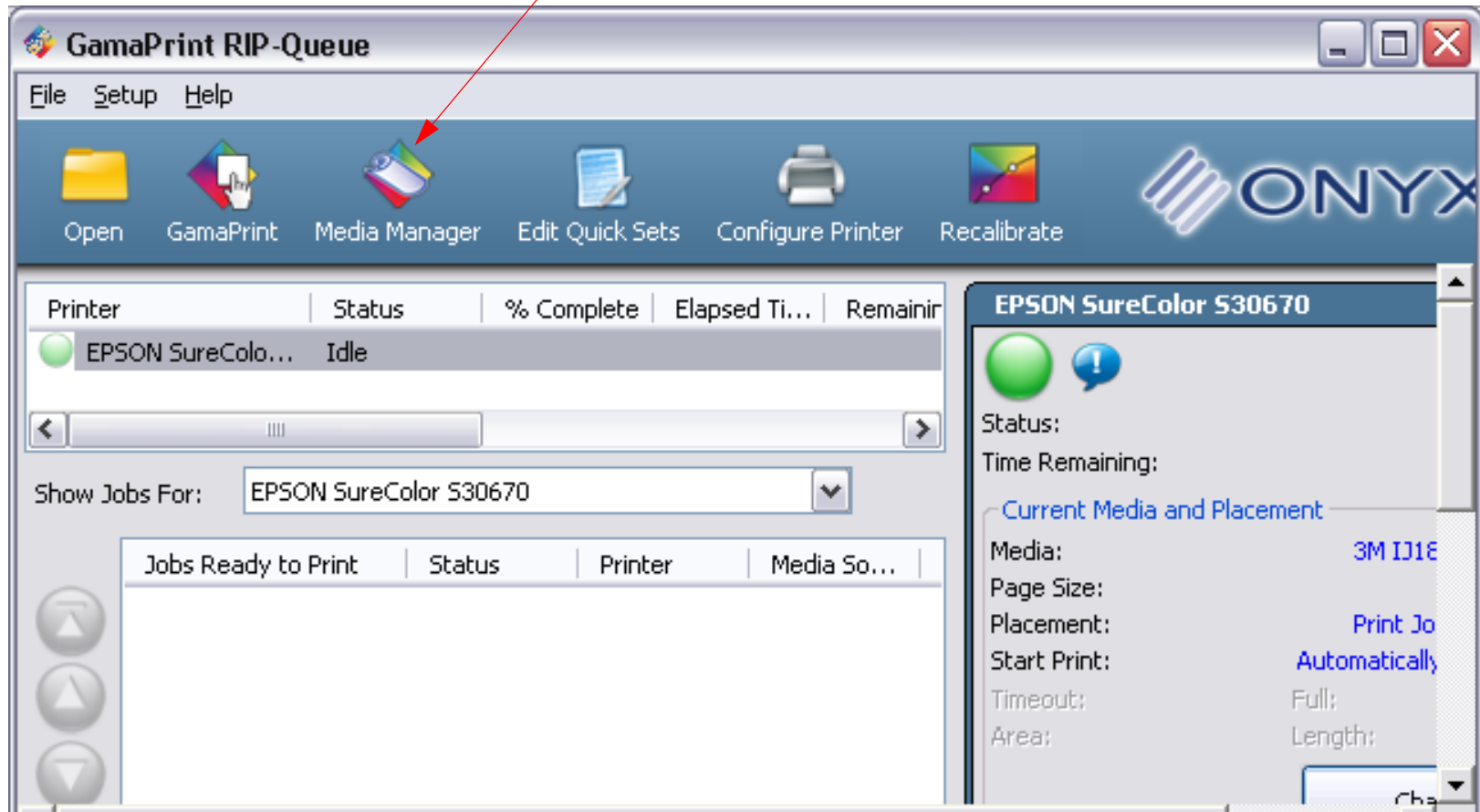
Profile Management

Adding Profiles

Note: This Chapter describes how to add additional Profiles to GamaPrint Pro.

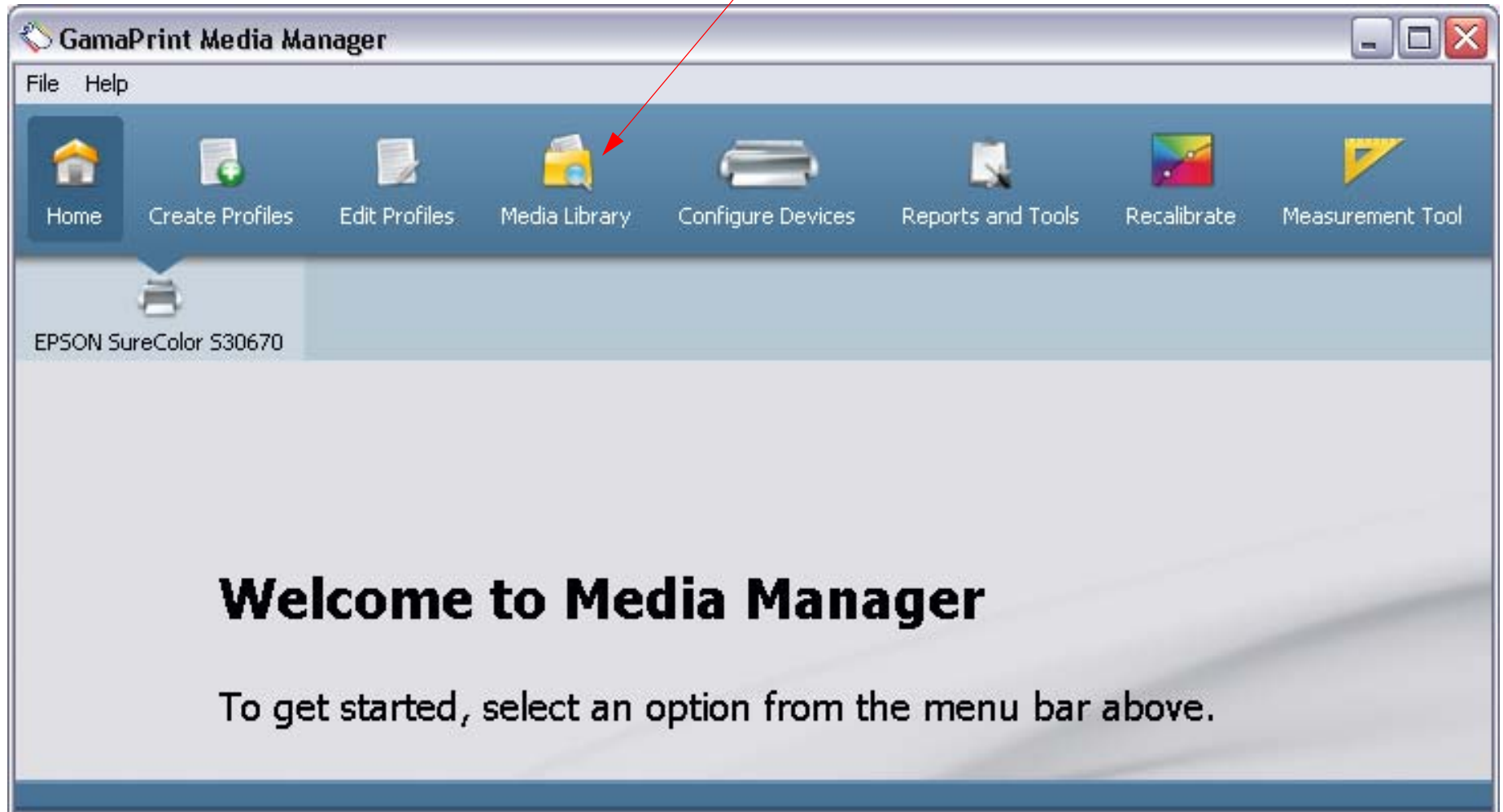
1. Launch GamaPrint RIP-Queue.
2. Adding Profiles.

1. Click on **Media Manager**.



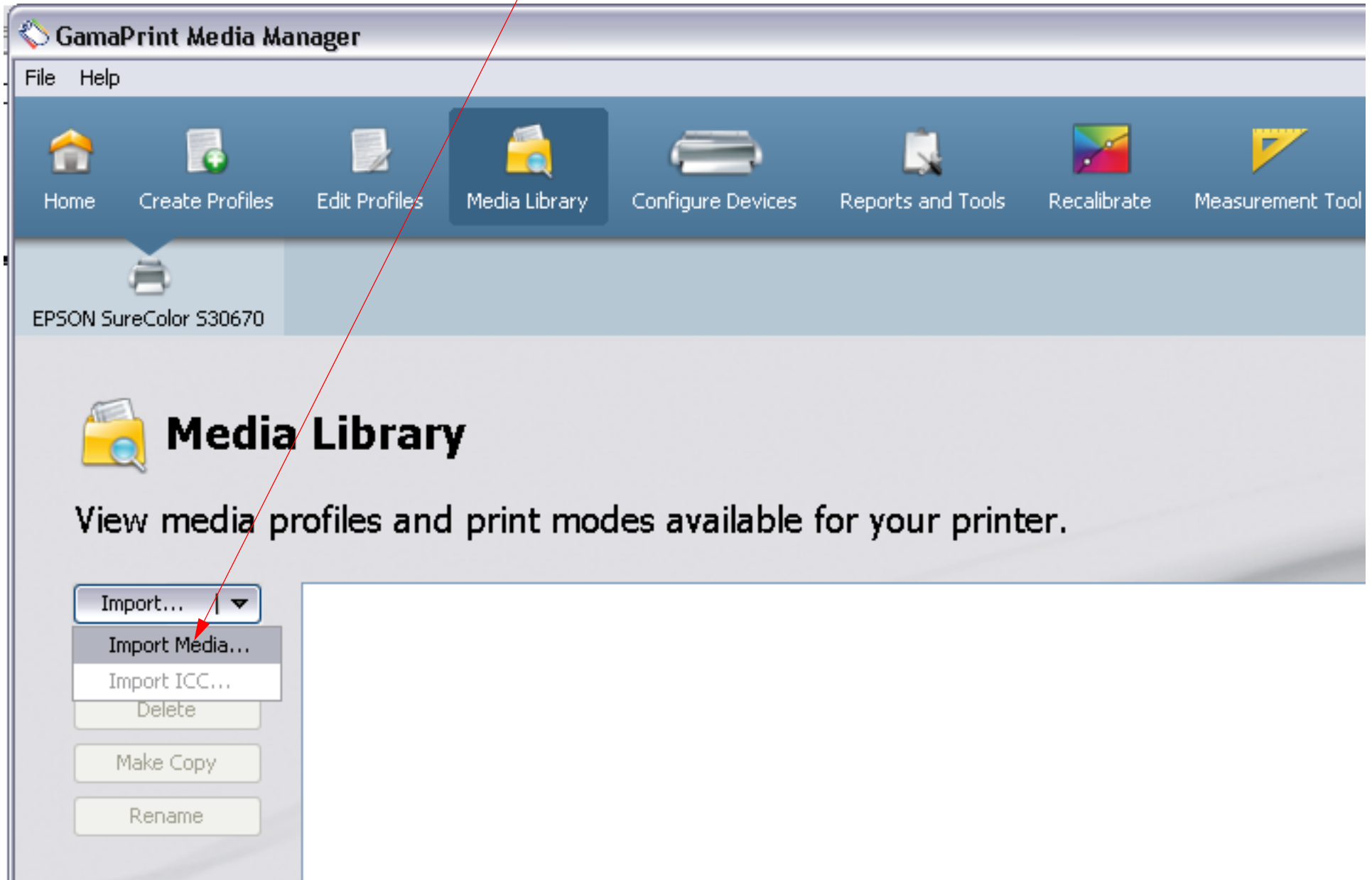
3. Adding Profiles (continued).

2. Click on **Media Library**.



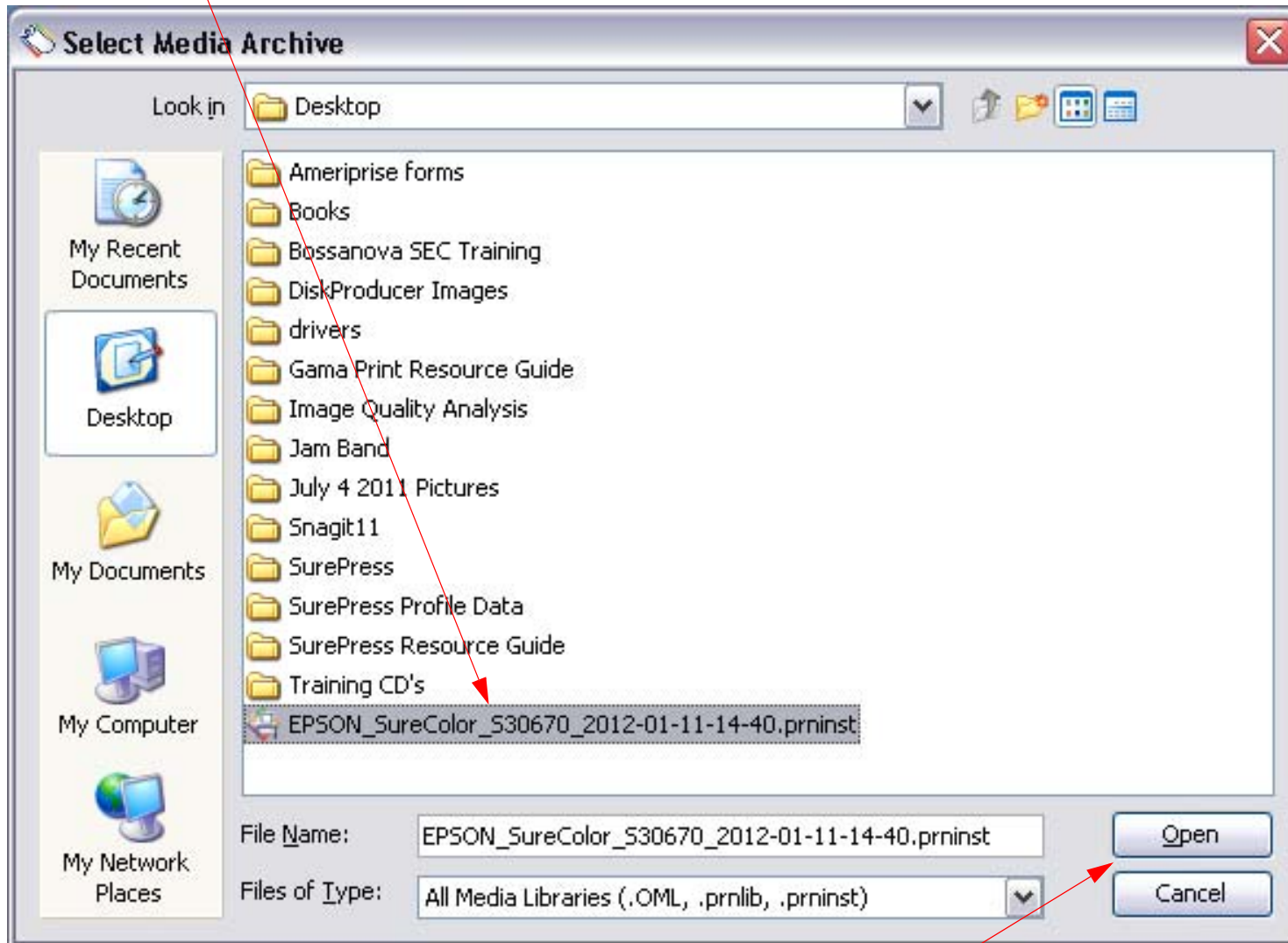
4. Adding Profiles (continued)

3. Select **Import Media...**



5. Adding Profiles (continued)

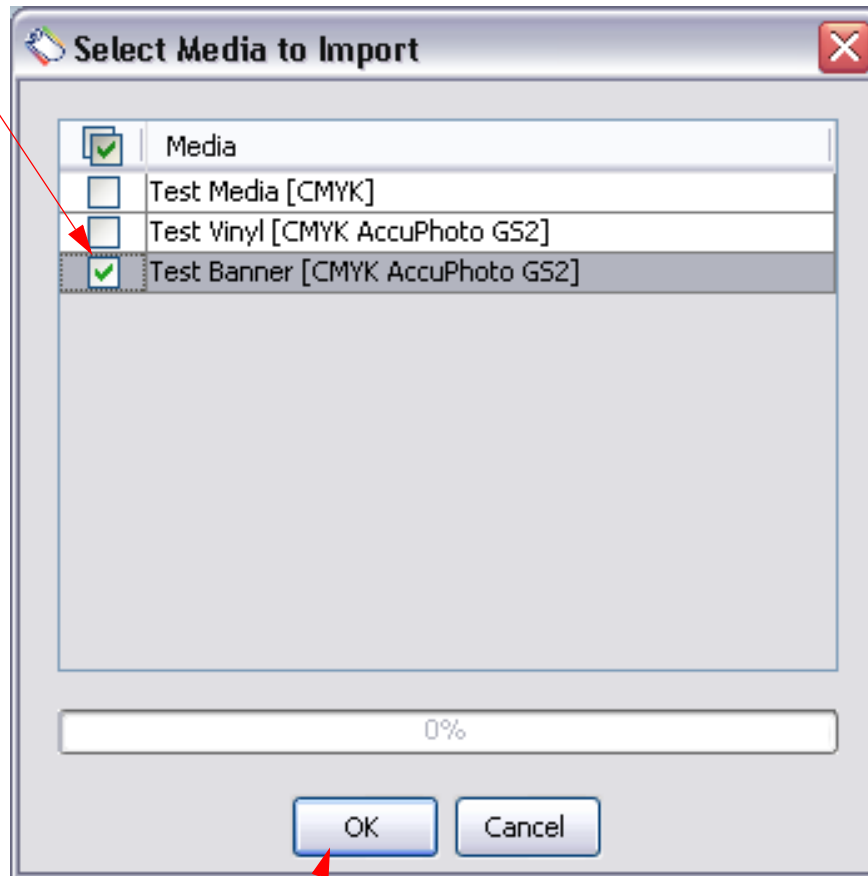
4. Navigate to, and select, the appropriate media library (**OML, prnlib, prninst only**).



5. Click on **Open**.

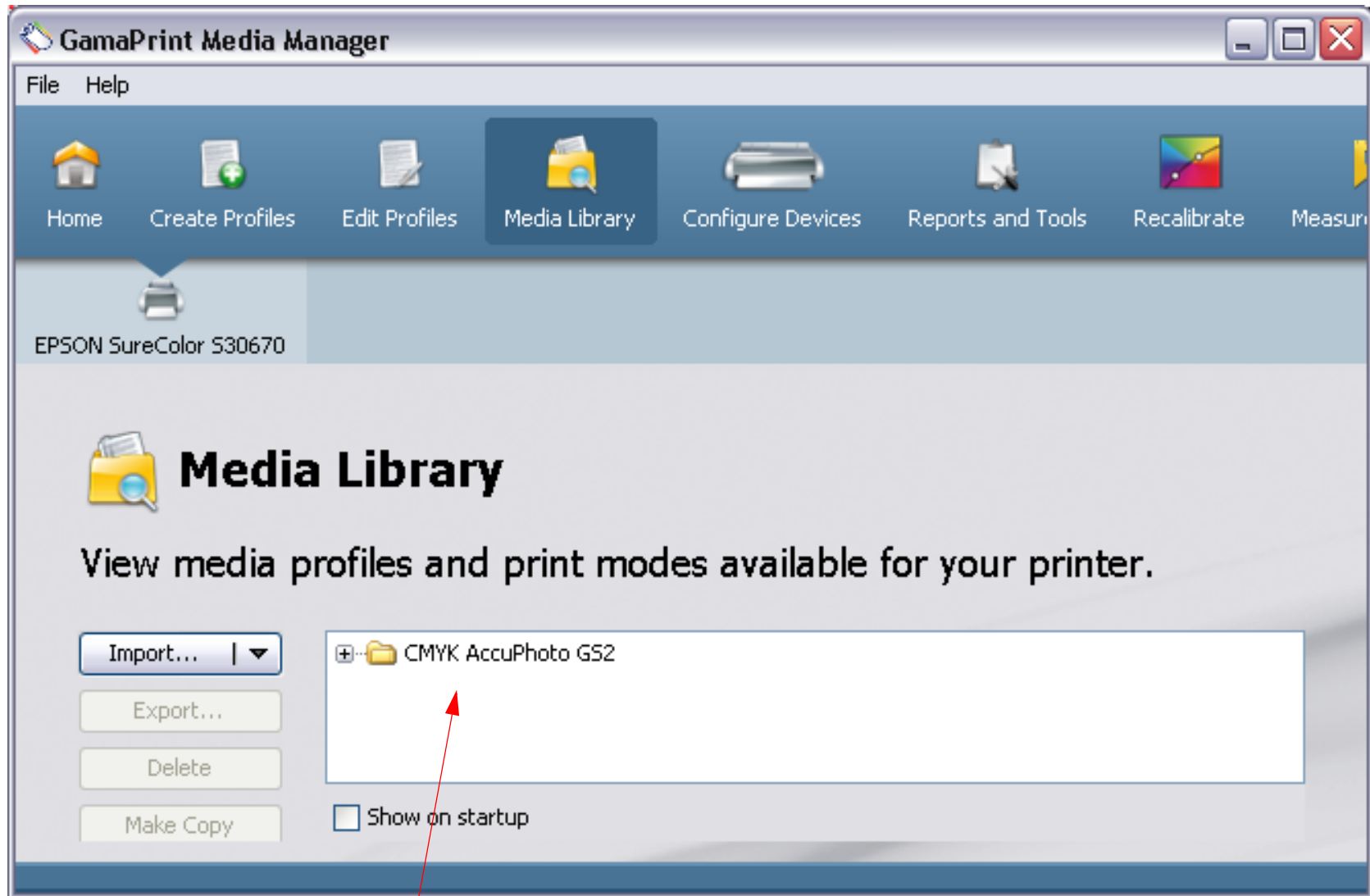
6. Adding Profiles (continued)

6. Select the appropriate media(s)



7. Click on **OK**.

7. Adding Profiles (continued)



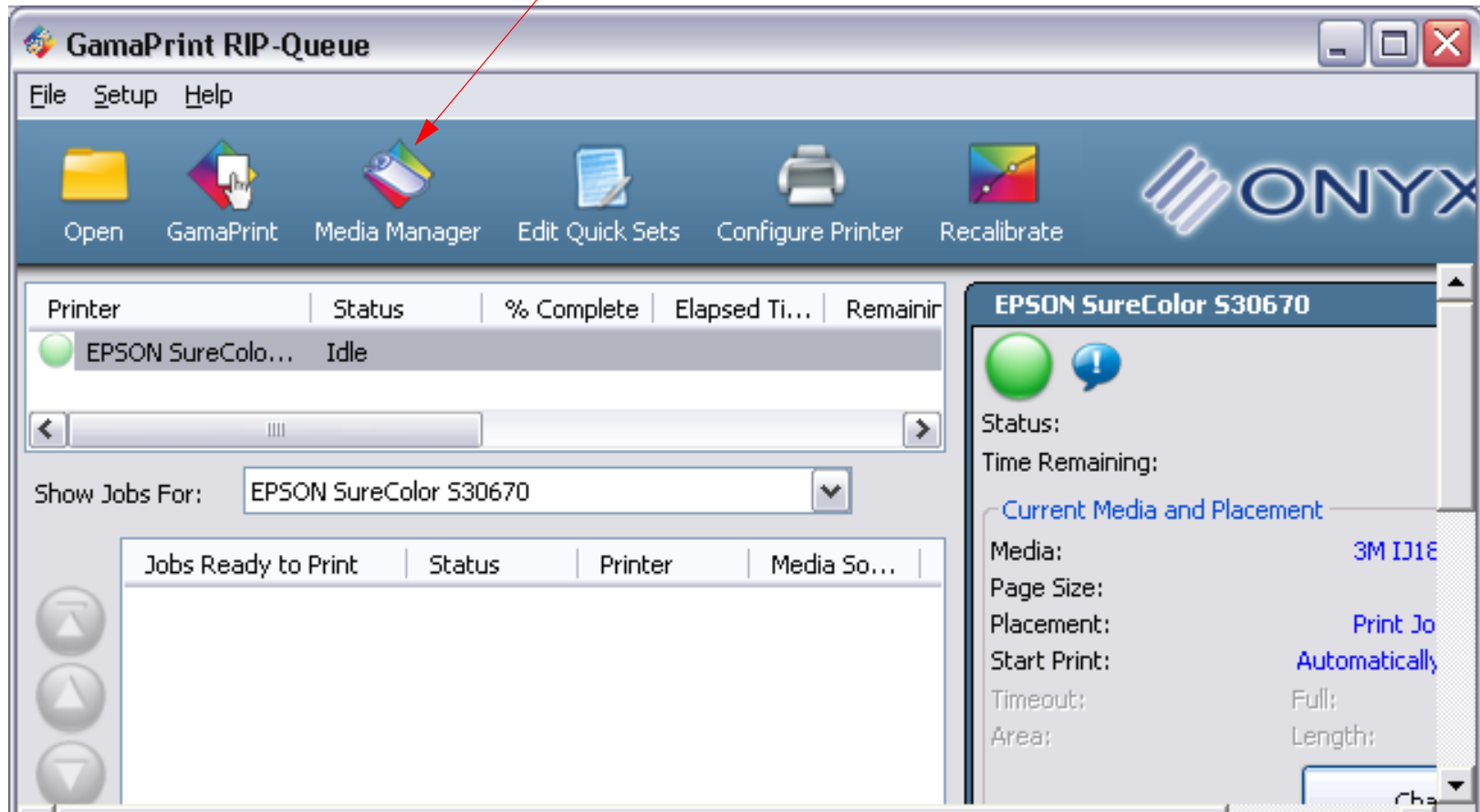
8. The Media(s) will be displayed in the Media Library Window.

Deleting Profiles or Medias

Note: This Chapter describes how to delete Profiles or Medias from GamaPrint Pro.

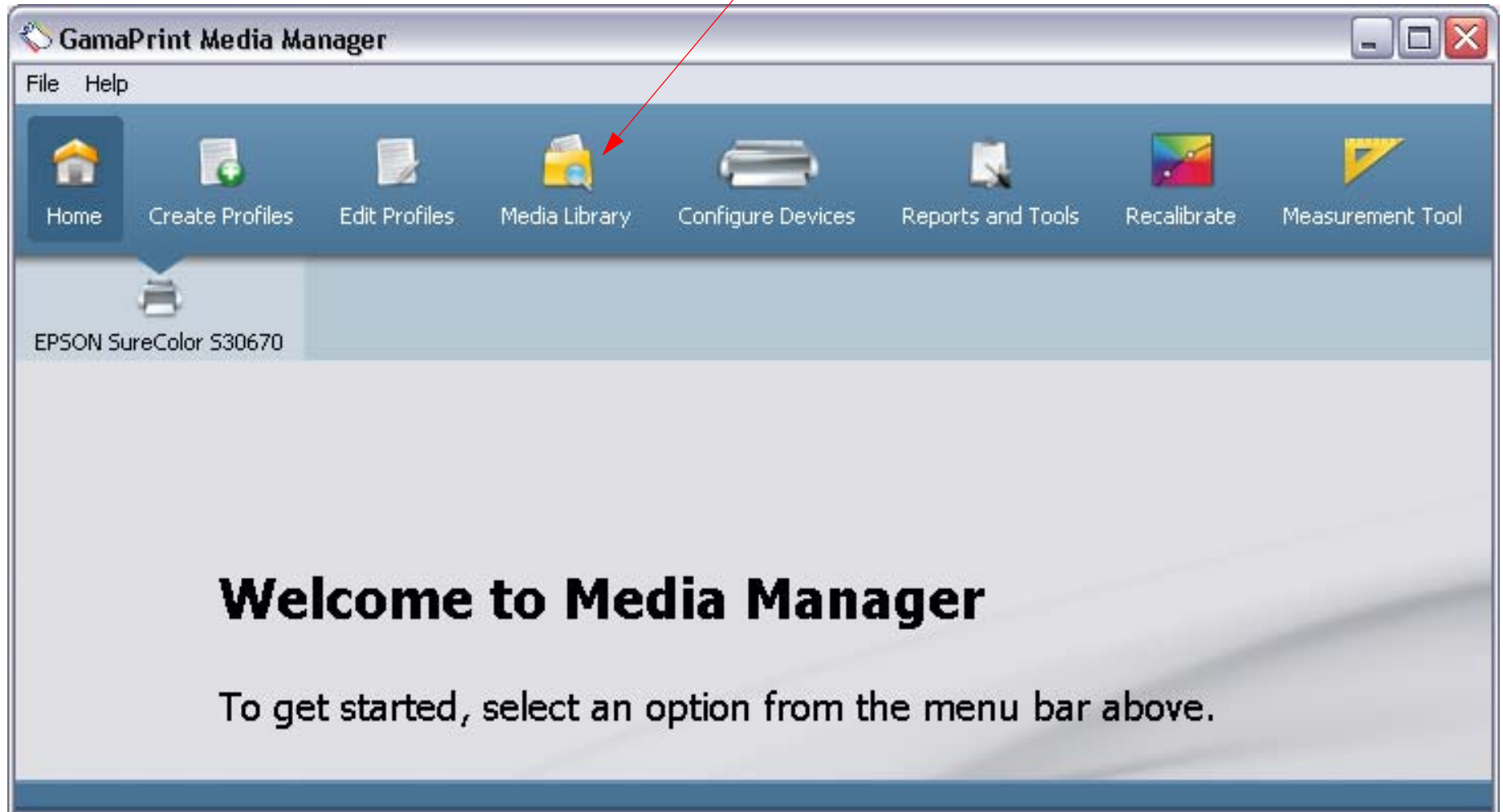
1. Launch GamaPrint RIP-Queue.
2. Deleting Profiles or Medias.

1. Click on **Media Manager**.



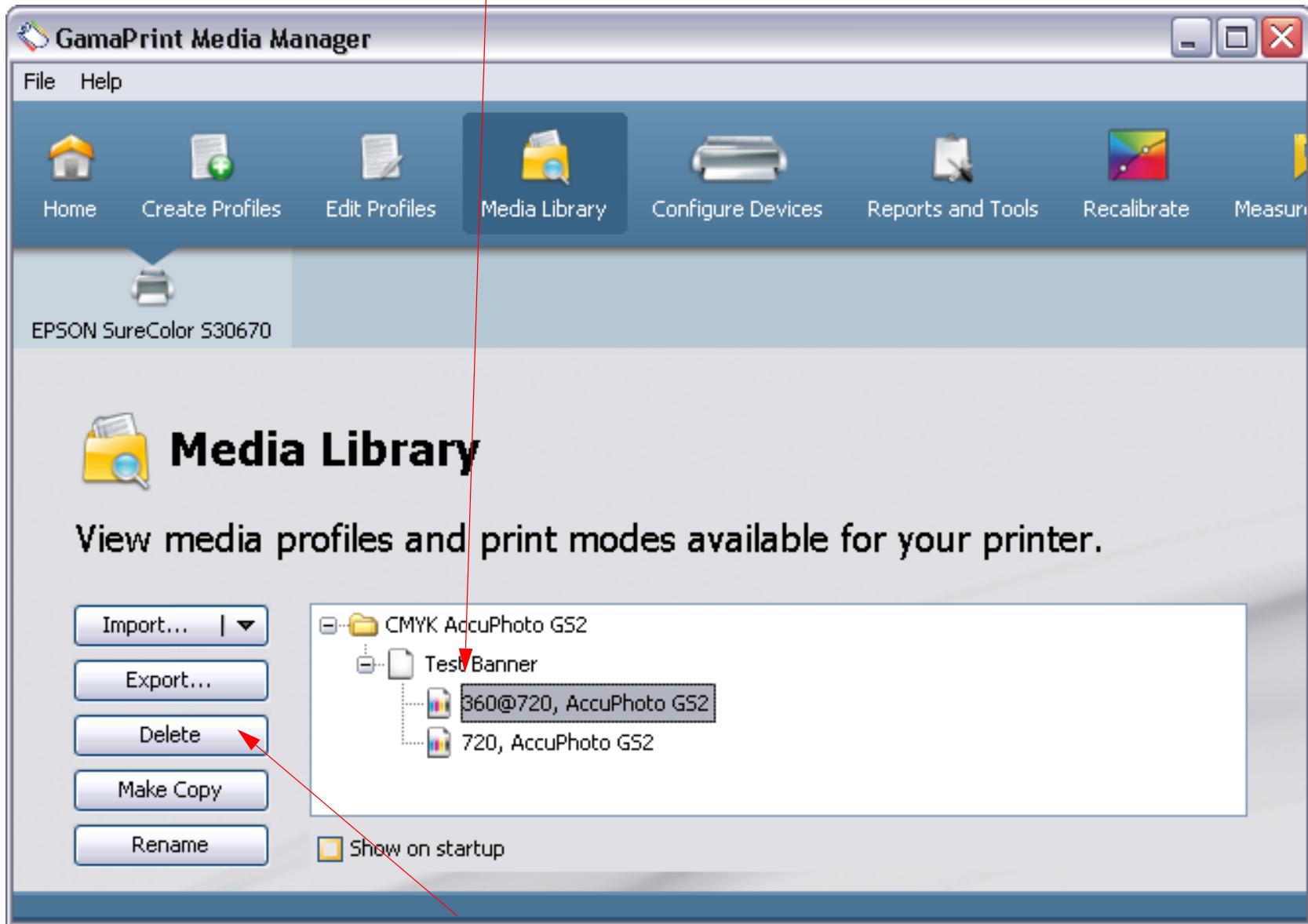
3. Deleting Profiles or Medias (continued).

2. Click on **Media Library**.



4. Deleting Profiles or Medias (continued)

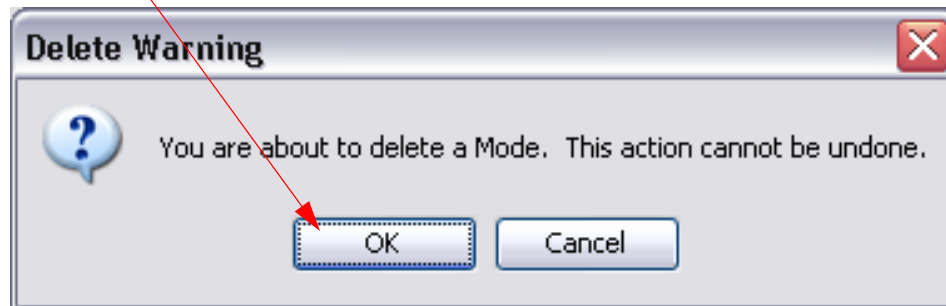
3. Select the appropriate media(s), or profiles, to be deleted.



4. Click on **Delete**.

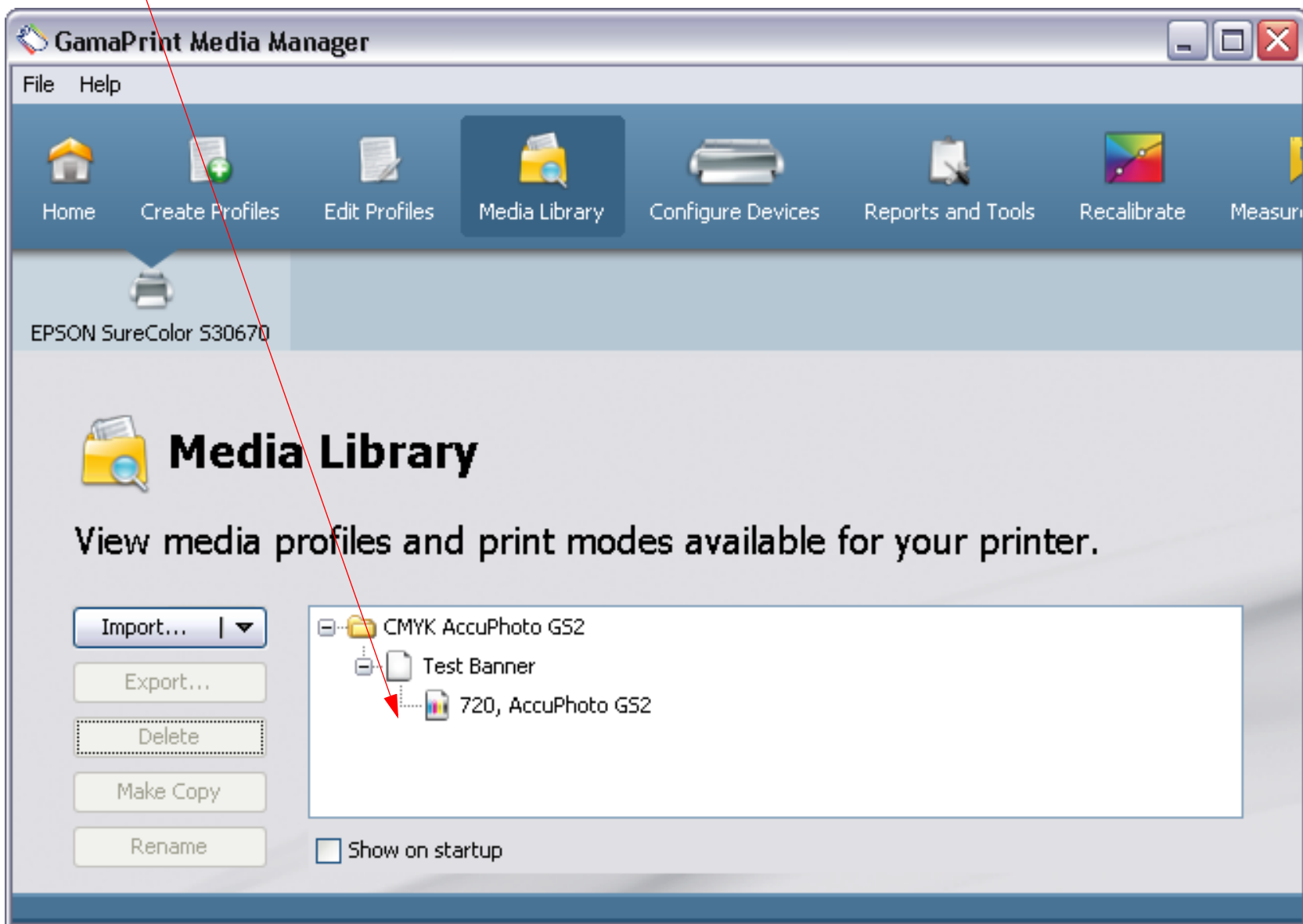
5. Deleting Profiles or Medias (continued)

5. Click on **OK**.



6. Deleting Profiles or Medias (continued)

6. The modified Media Library will be displayed.

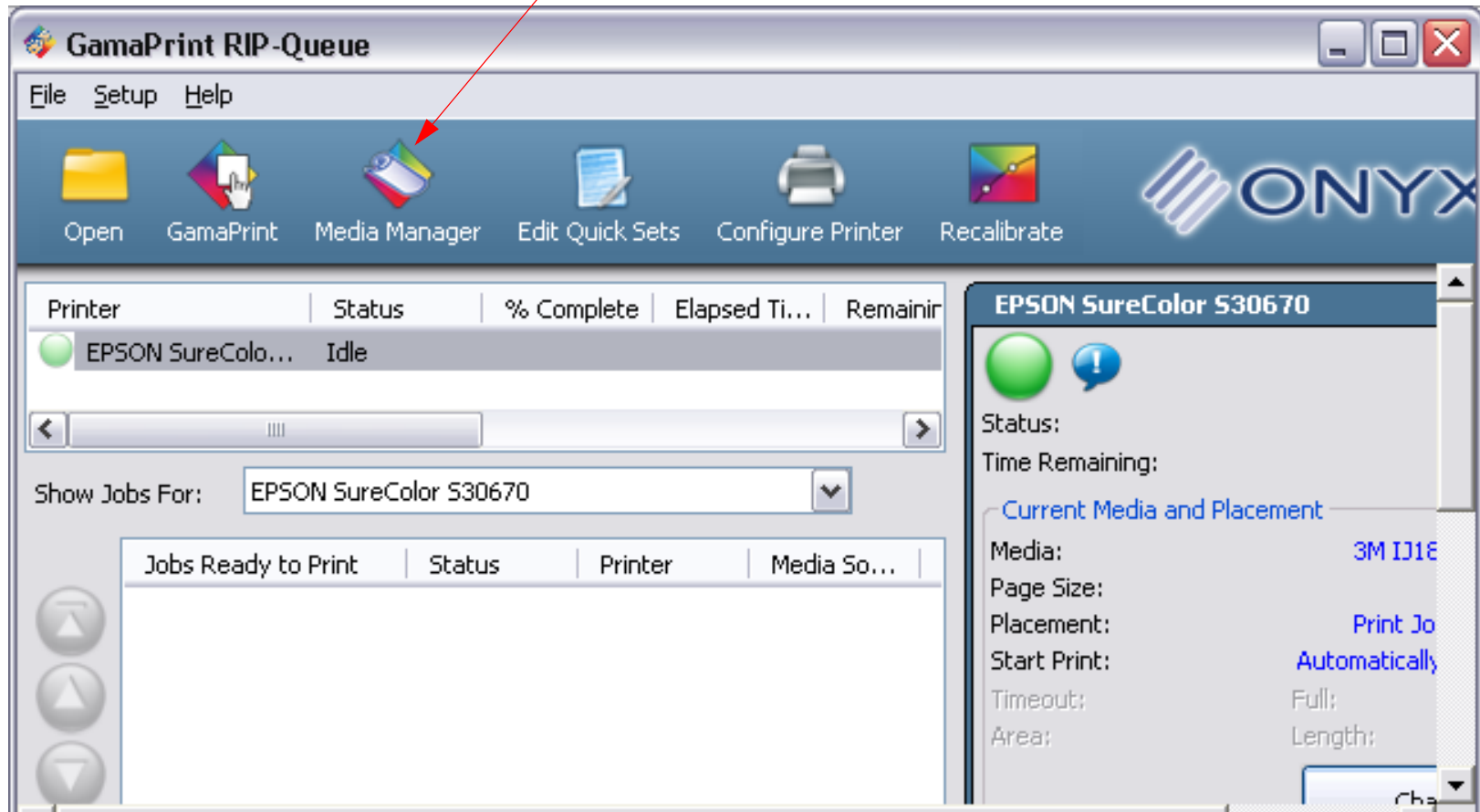


Exporting Profiles

Note: This Chapter describes how to export profiles from GamaPrint Pro.

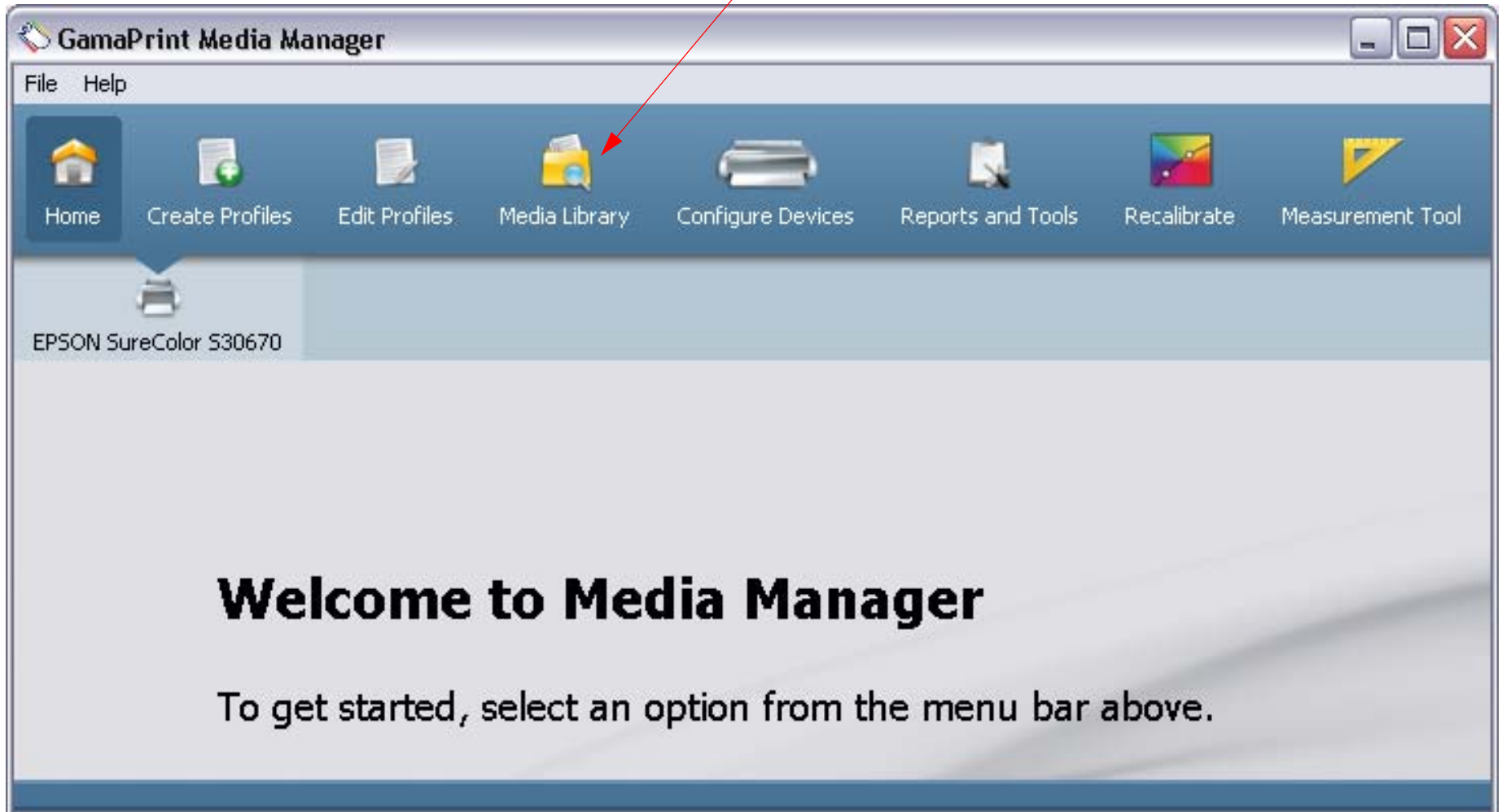
1. Launch GamaPrint RIP-Queue.
2. Exporting Profiles.

1. Click on **Media Manager**.



3. Exporting Profiles (continued).

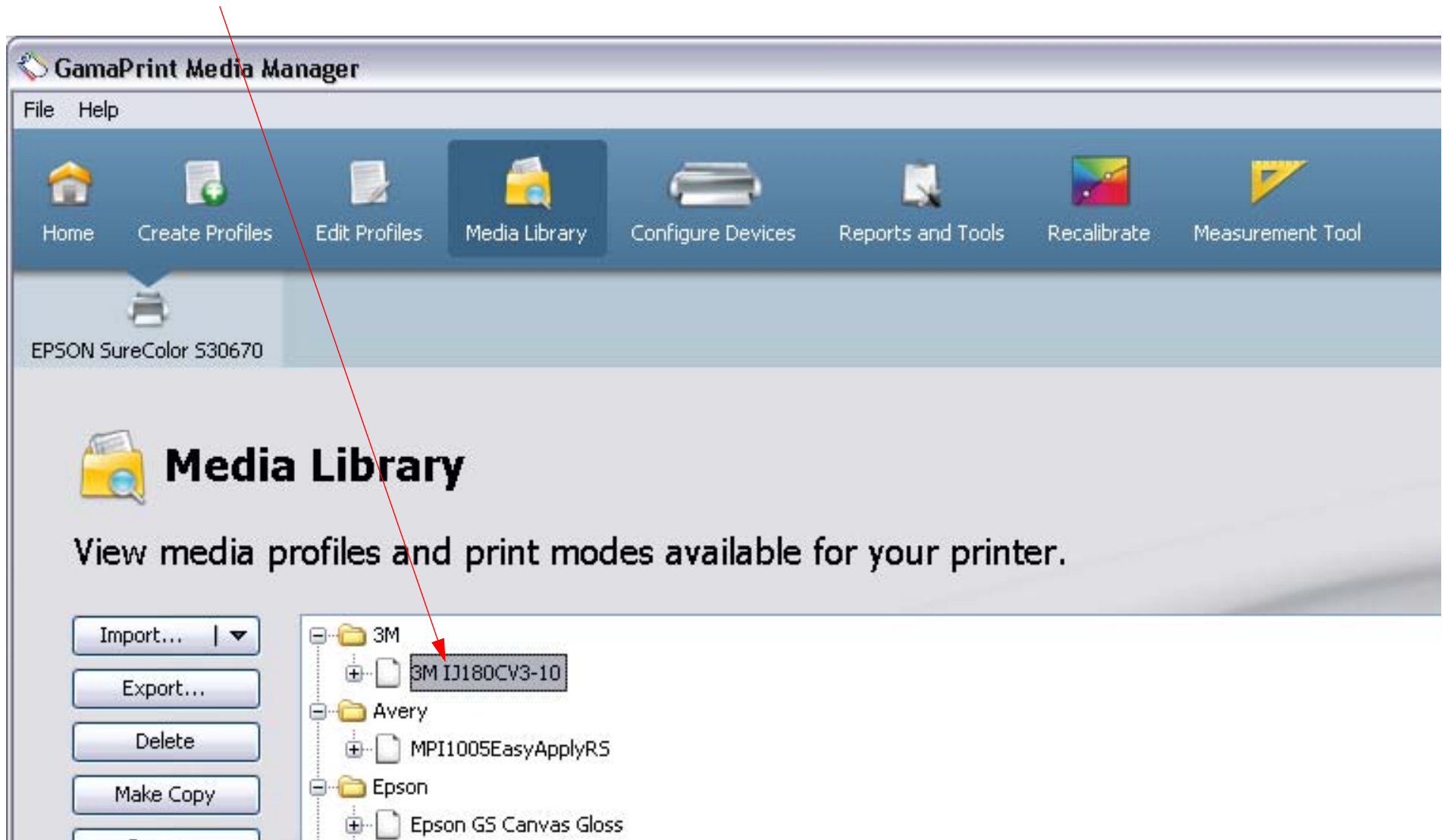
2. Click on **Media Library**.



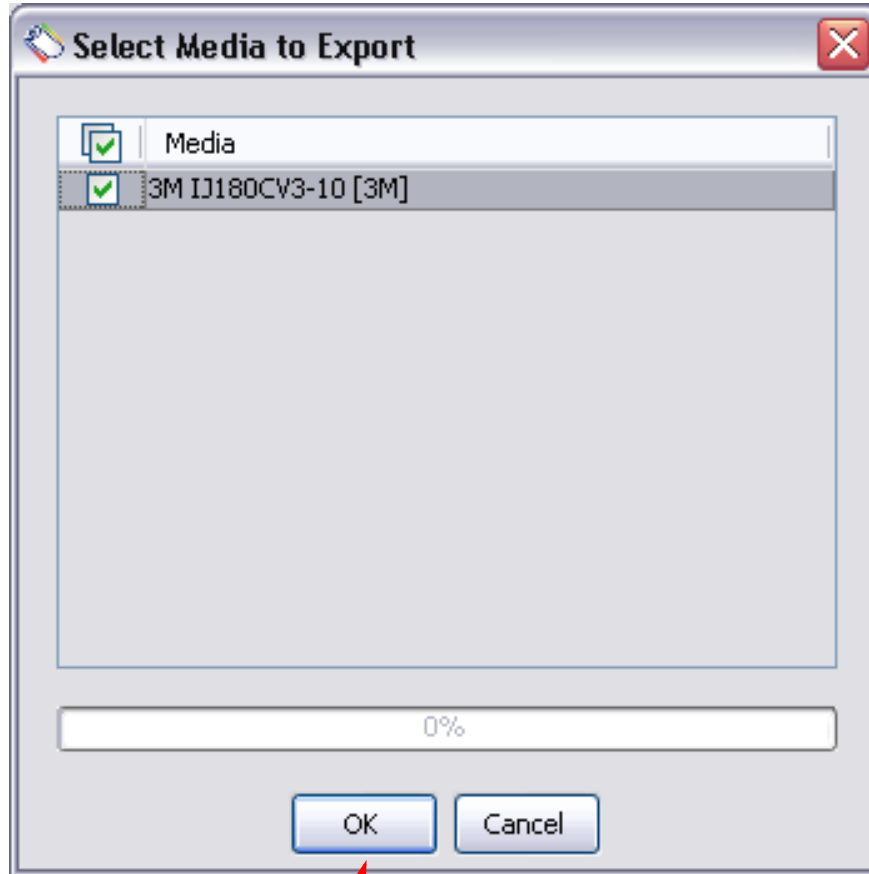
4. Exporting Profiles (continued)

Note: Multiple medias can be selected by holding the control Key while selecting.

3. Select appropriate media(s)



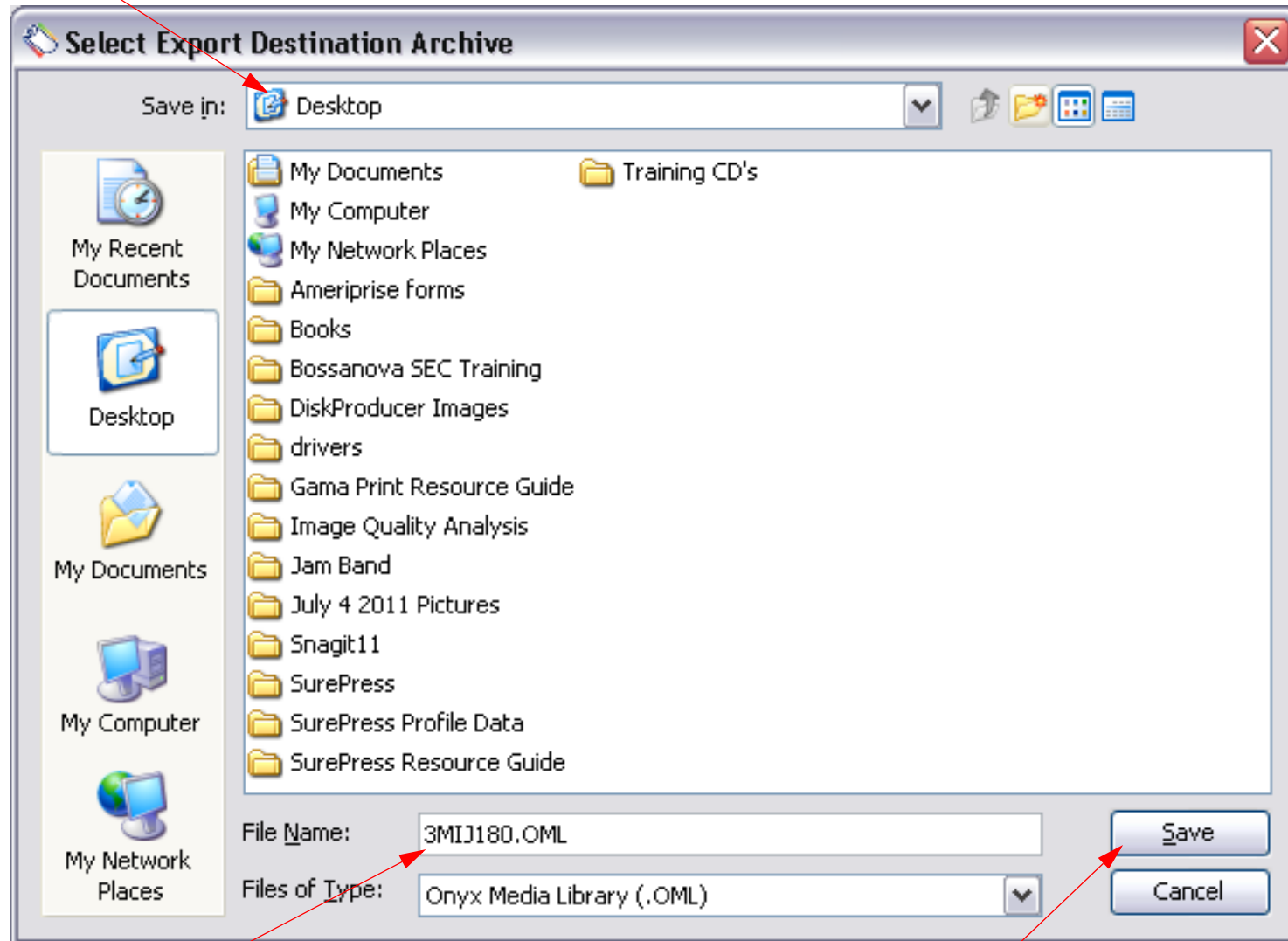
5. Exporting Profiles (continued)



4. Click on **OK**

6. Exporting Profiles (continued)

5. Navigate to the appropriate location to save the exported media(s).



6. Name the export file.

7. Click on **Save**.

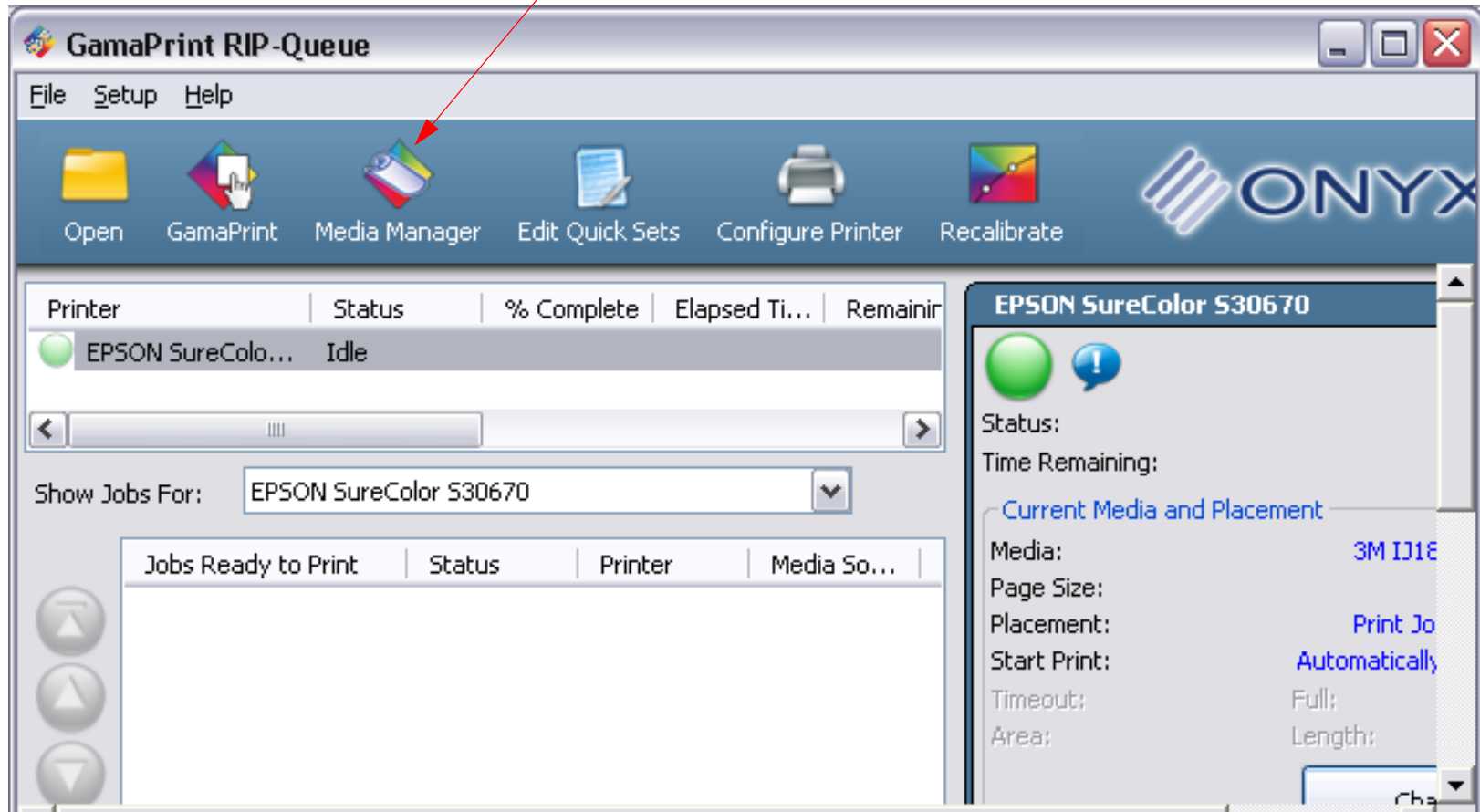
Color Management

Color Measurement Device (Installation)

Note: This Chapter describes how to attach the desired Color Measurement device to the Onyx RIP.

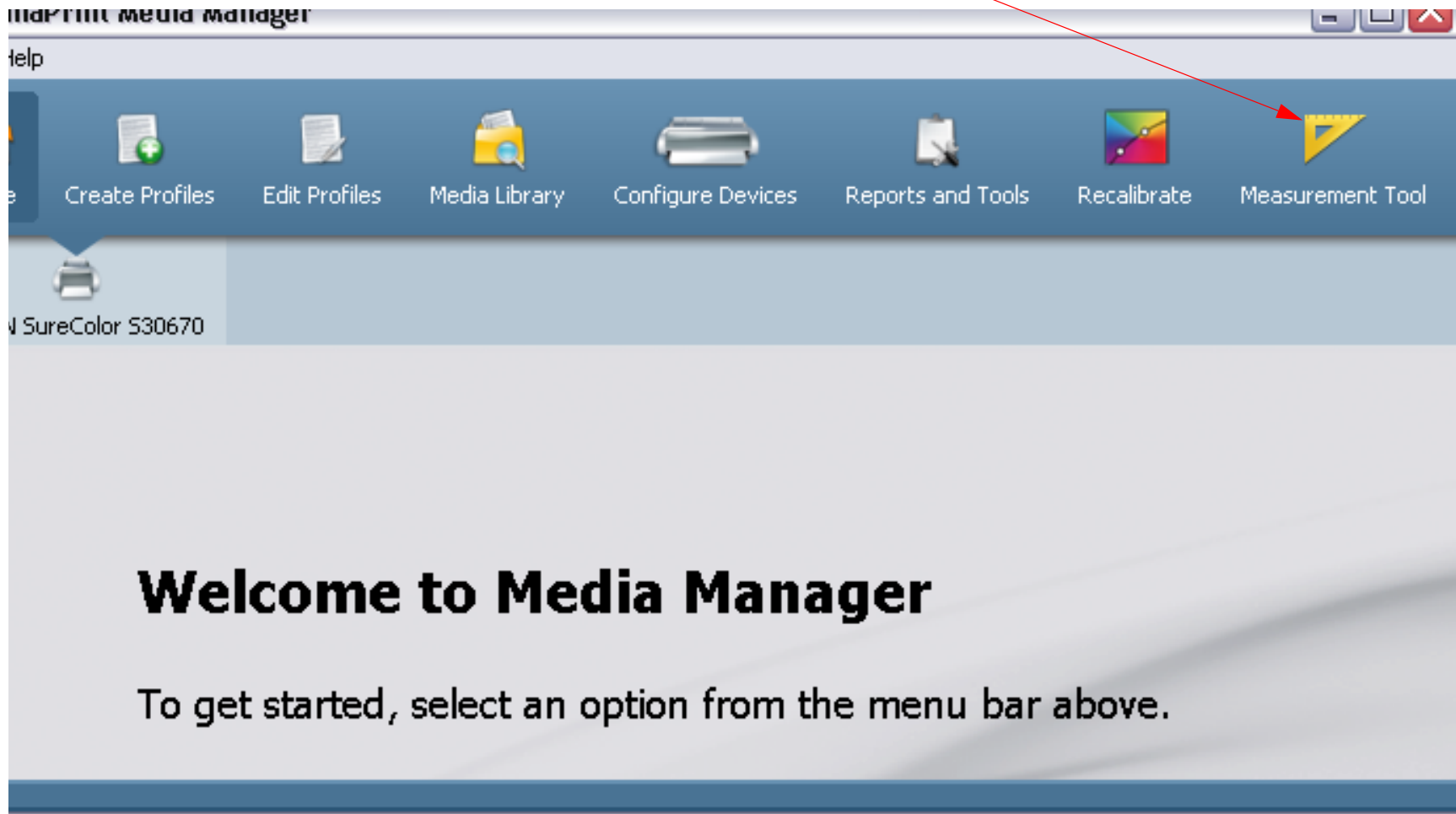
1. Launch GamaPrint RIP-Queue.
2. Color Measurement Device Installation.

1. Click on **Media Manager**.

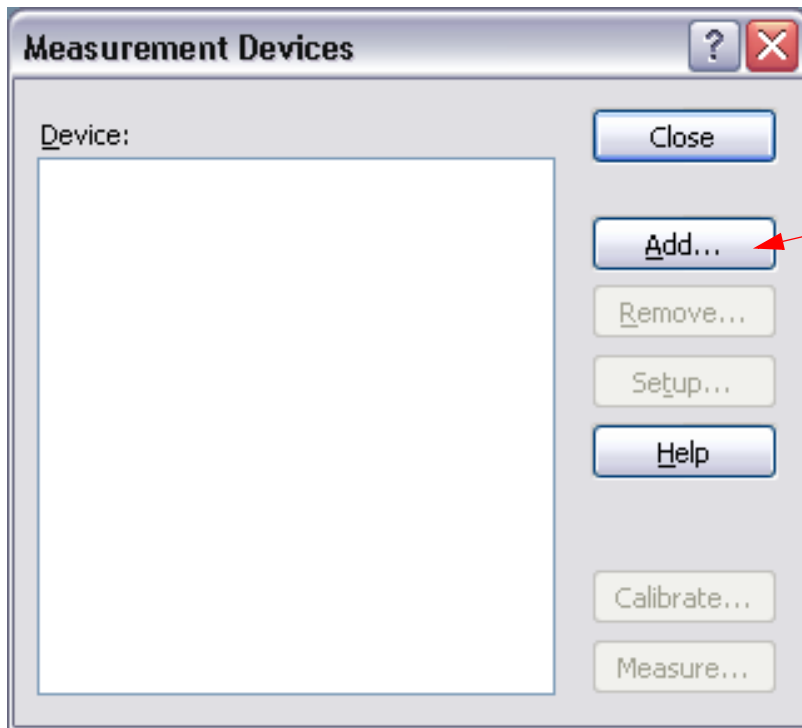


3. Color Measurement Device Installation (continued).

2. Click on **Measurement Tool**.

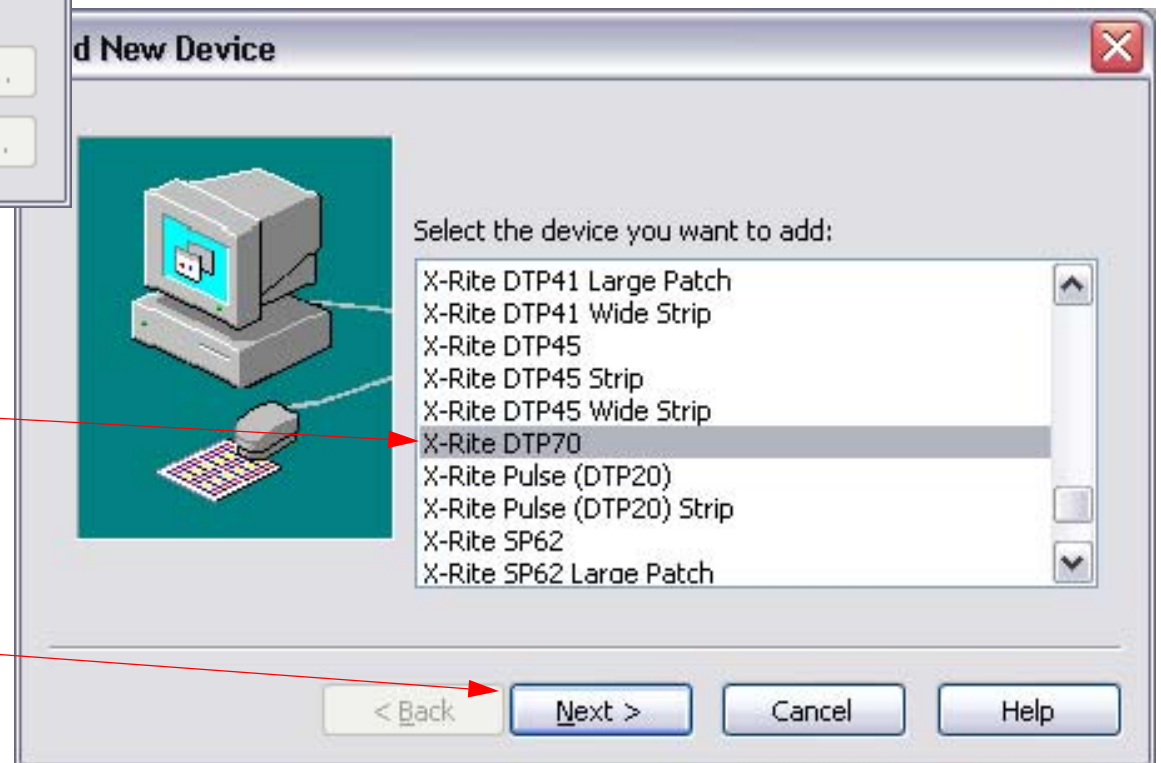


4. Color Measurement Device Installation (continued)



3. Click on **Add**.

4. Select the appropriate **Color Measurement device**.



5. Click on **Next**.

5. Color Measurement Device Installation (continued)

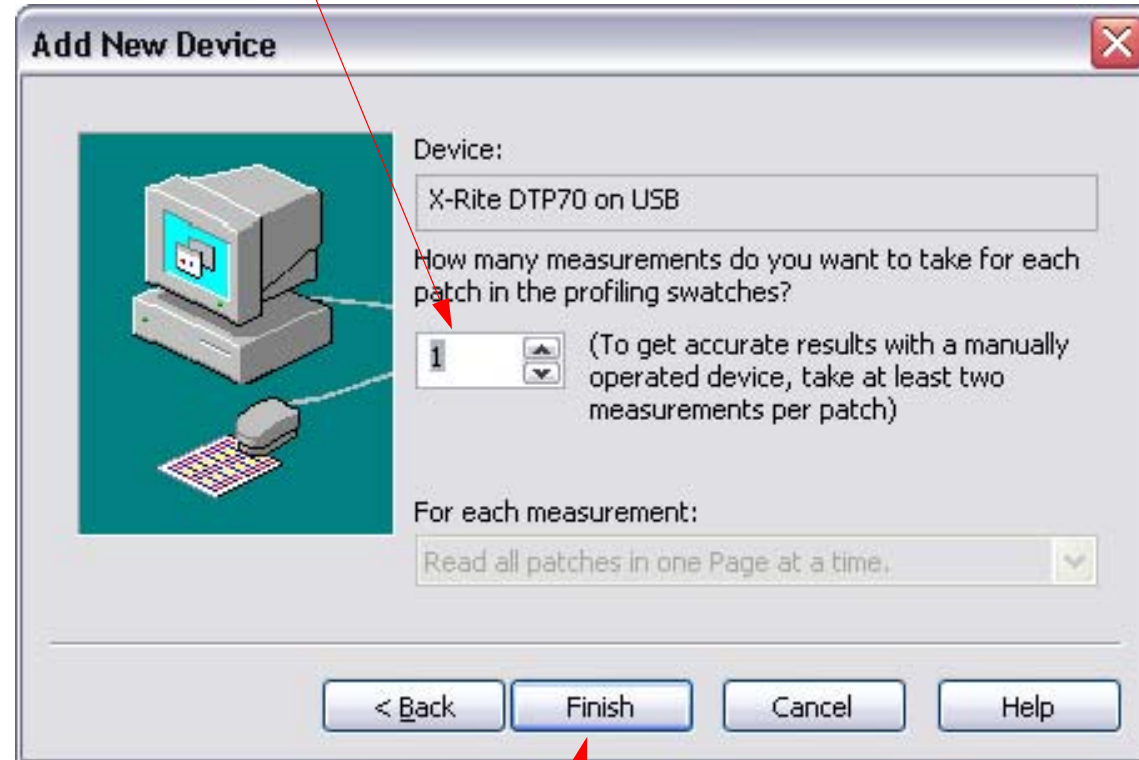
6. Click on **USB**.



7. Click on **Next**.

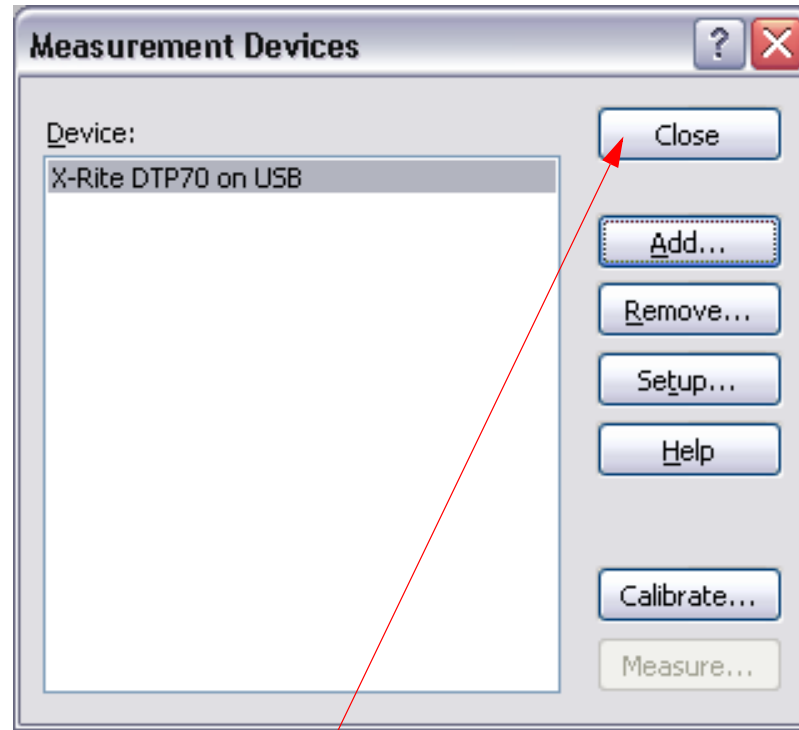
6. Color Measurement Device Installation (continued)

8. Select the number of repeats (1 is the default).



9. Click on **Finish**.

7. Color Measurement Device Installation (continued)



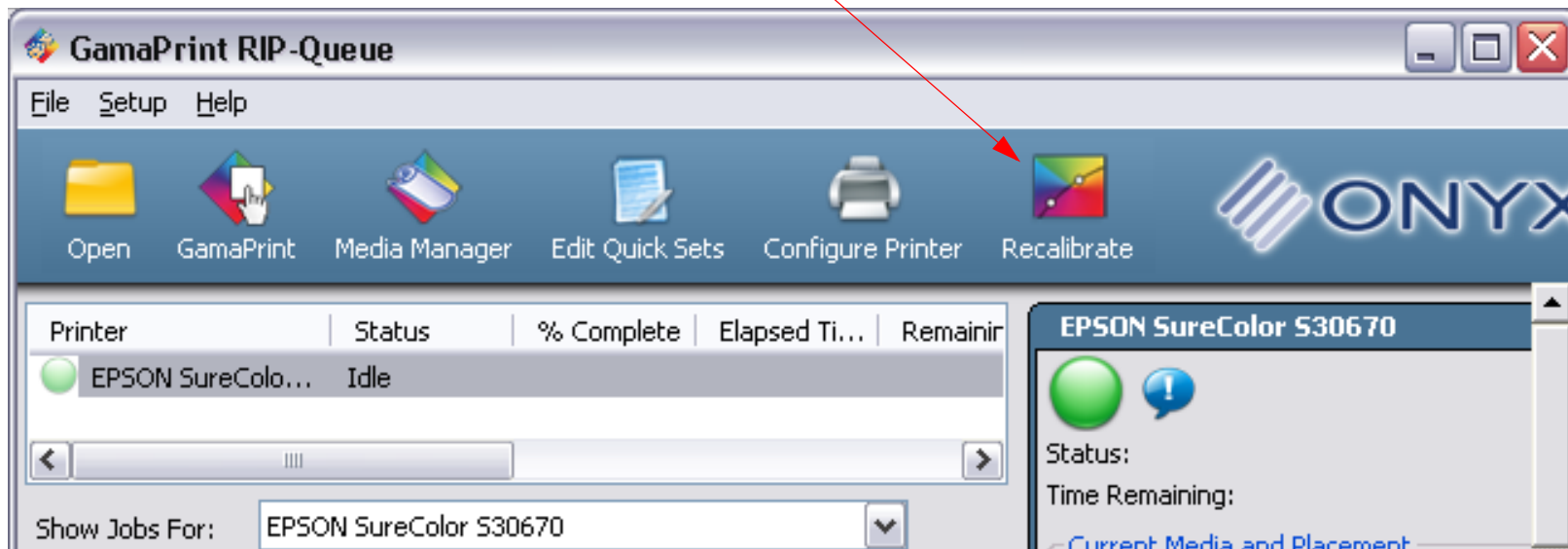
10. Click on **Close**.

Recalibrate

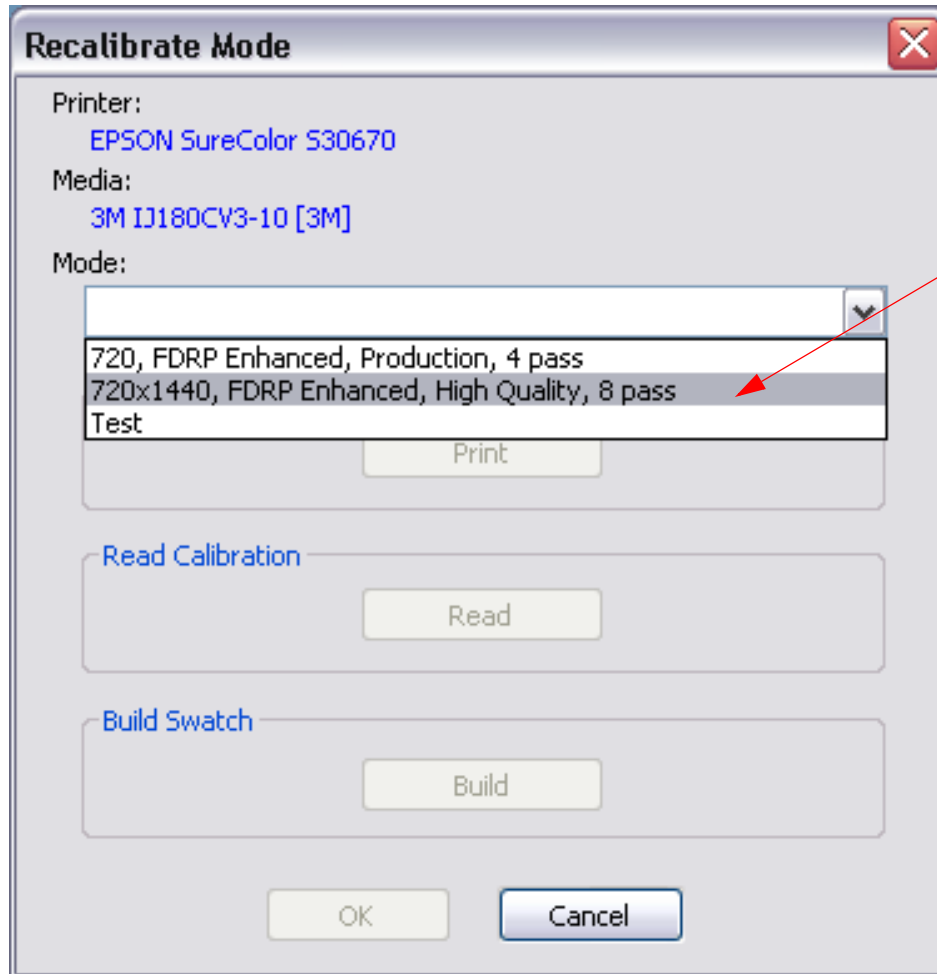
Note: Recalibrate is the Onyx term for Re-Linearization. It is used to measure the unique ink delivery properties of the Printer, and increase or decrease the amount of ink delivered to the media. Recalibration should be performed on every profile that is to be used.

1. Launch **GamaPrint RIP-Queue**.
2. Load the media that supports the profile to be Recalibrated.
3. Ensure that the media is selected by the **GamaPrint RIP-Queue** software.
4. Ensure that a color management device is installed and connected.
5. Recalibrate.

1. Click on **Recalibrate**.



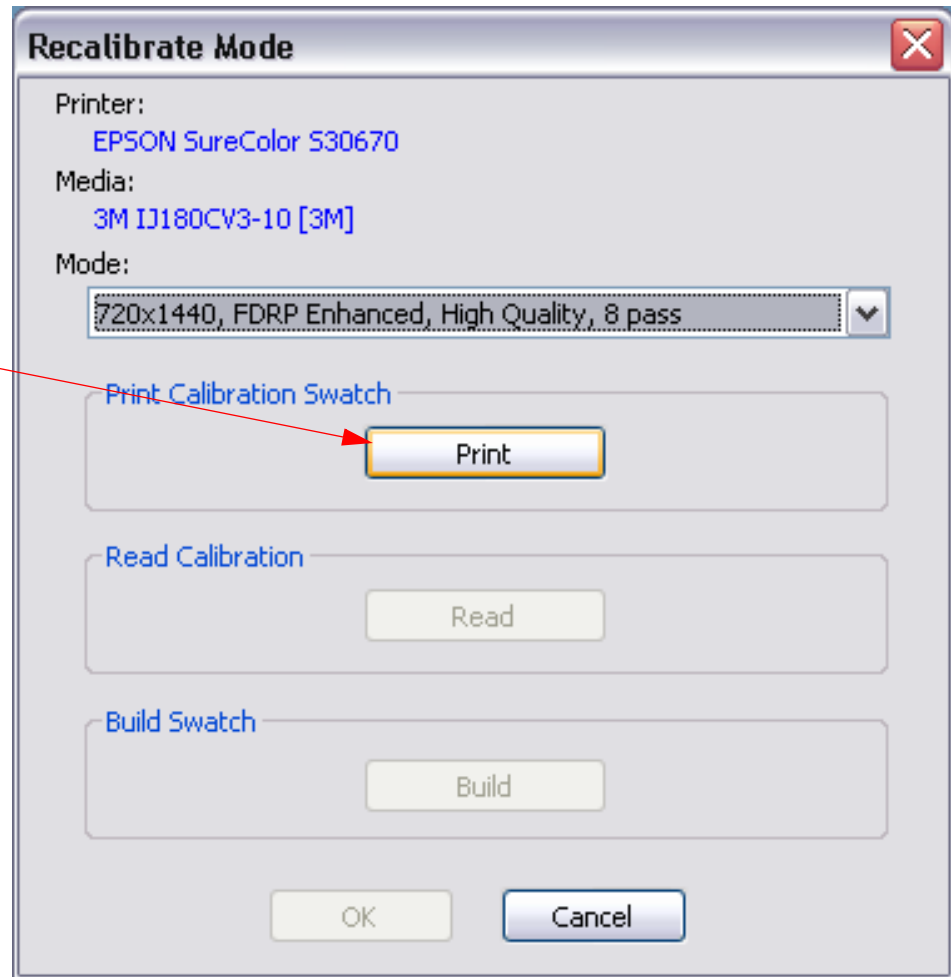
6. Recalibrate (continued).



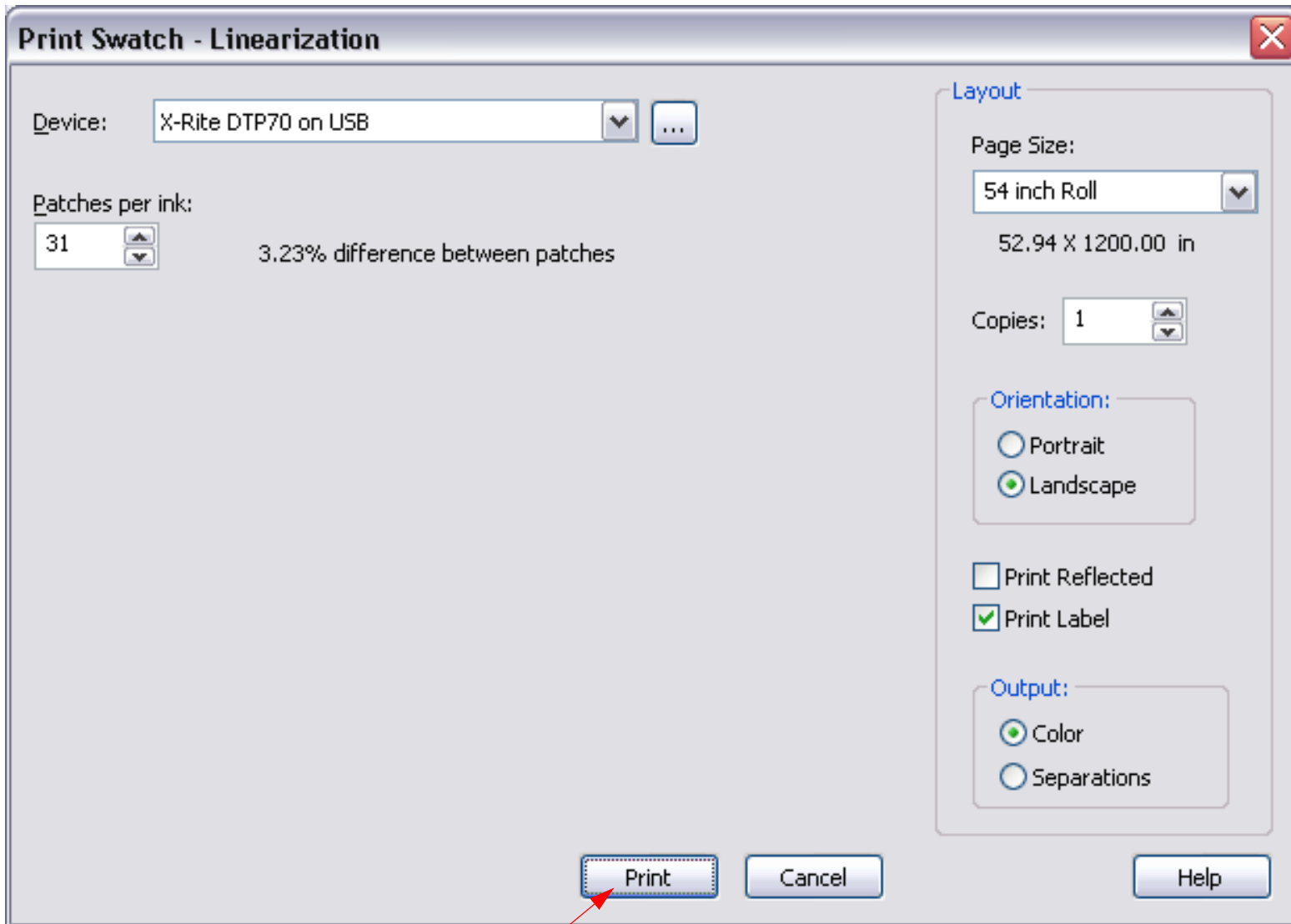
2. Select the *Mode* (profile) to recalibrate.

7. Recalibrate (continued)

3. Click on *Print*.

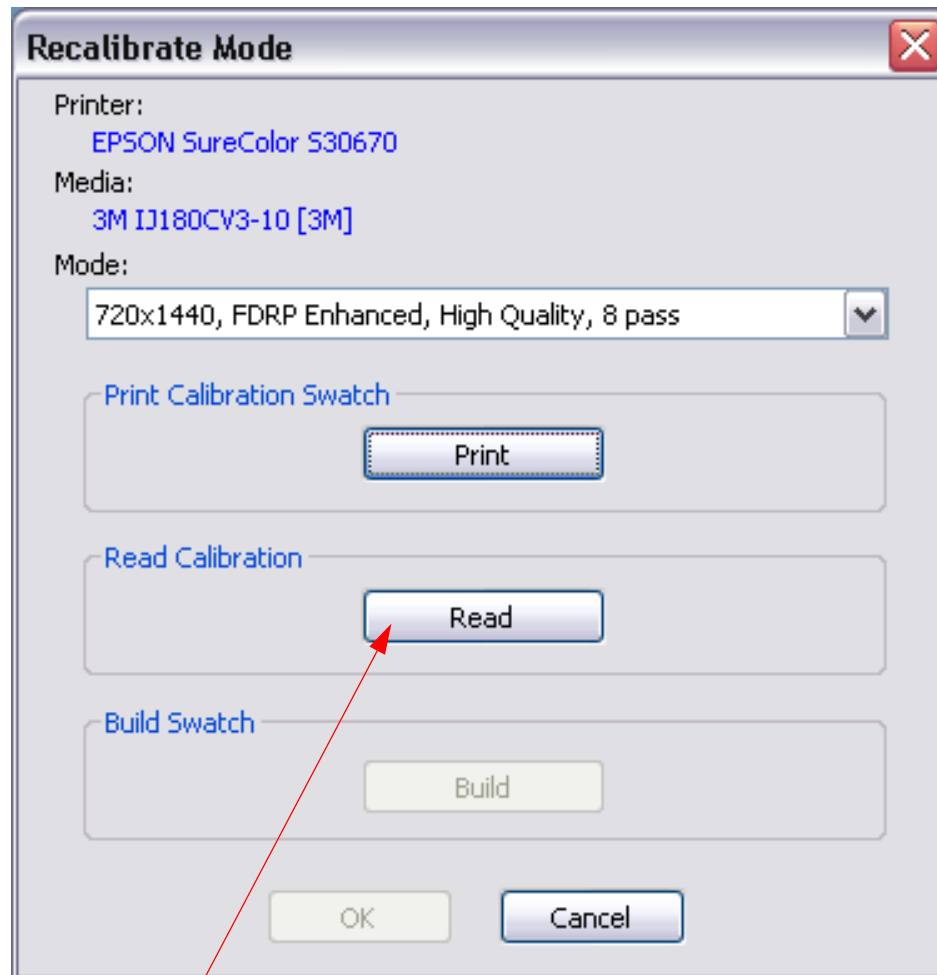


8. Recalibrate (continued)



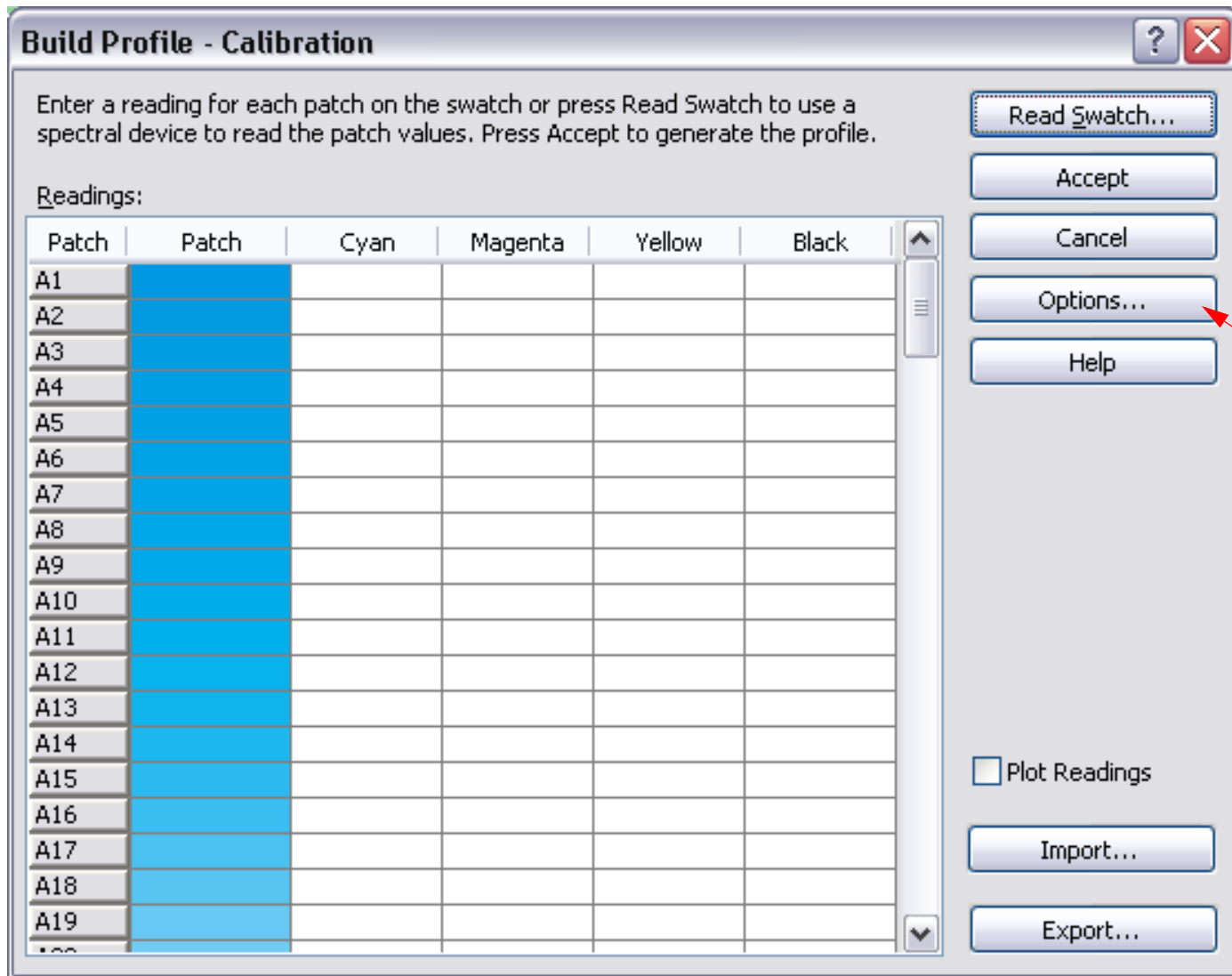
4. Click on **Print**.

9. Recalibrate (continued)



5. Click on **Read**.

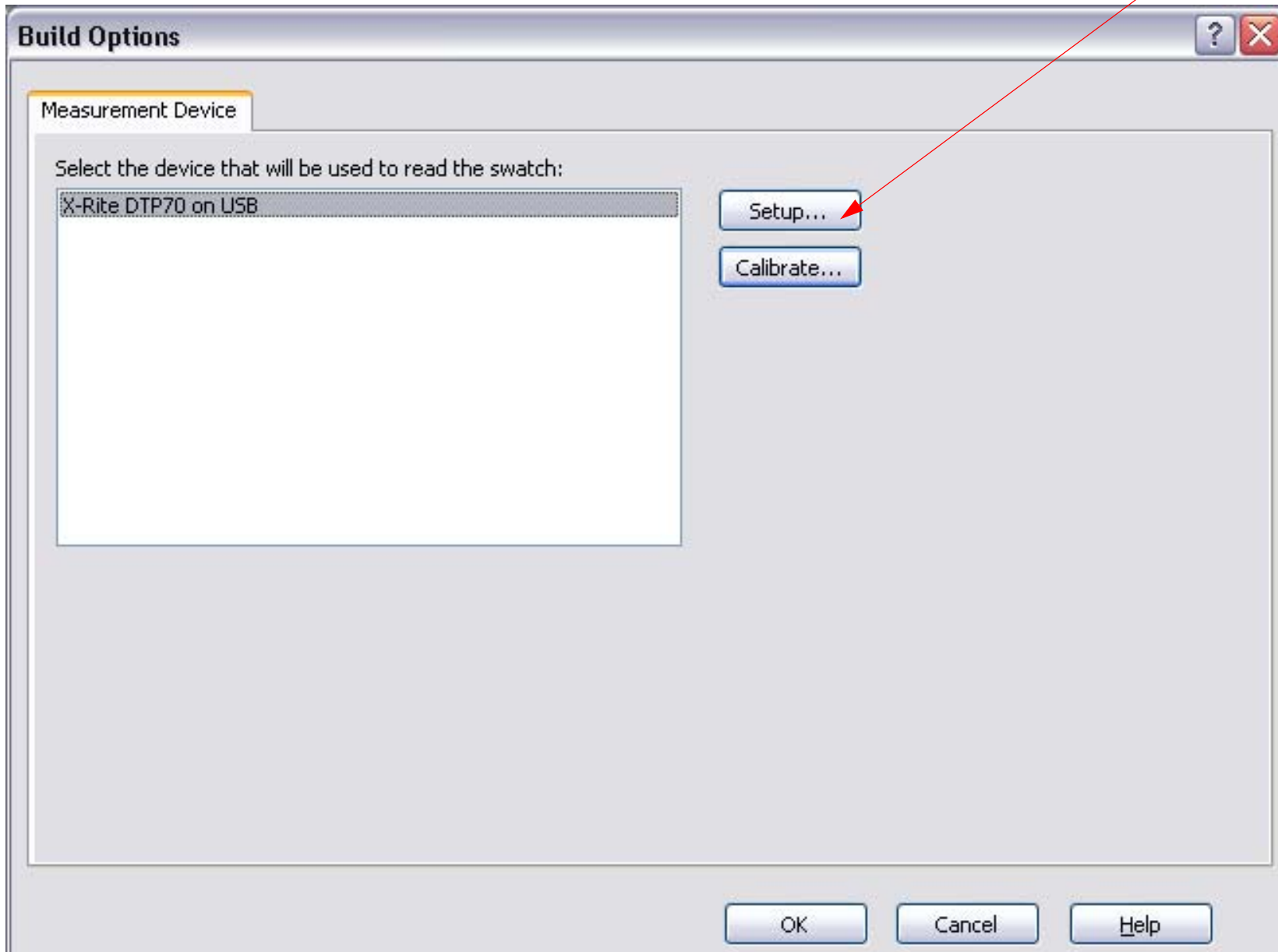
10. Recalibrate (continued)



6. Click on *Options*.

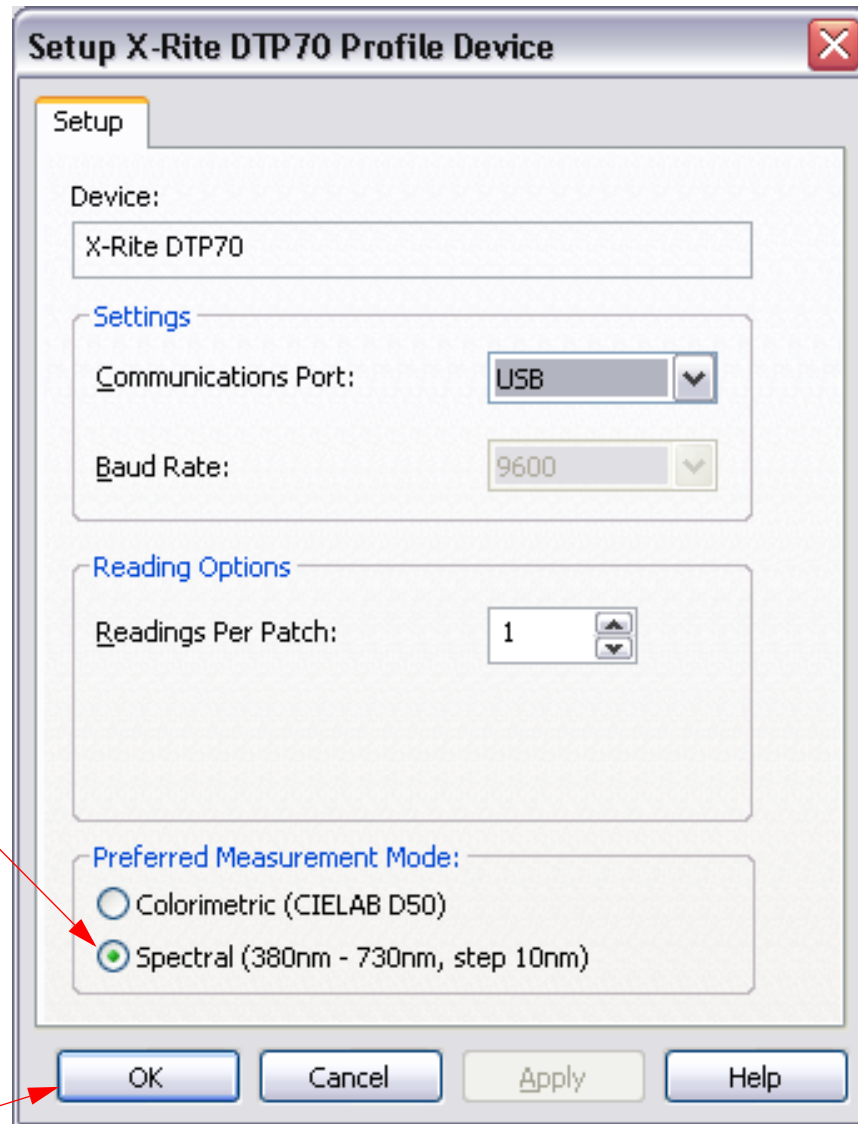
11. Recalibrate (continued)

7. Click on **Setup**.



12. Recalibrate (continued)

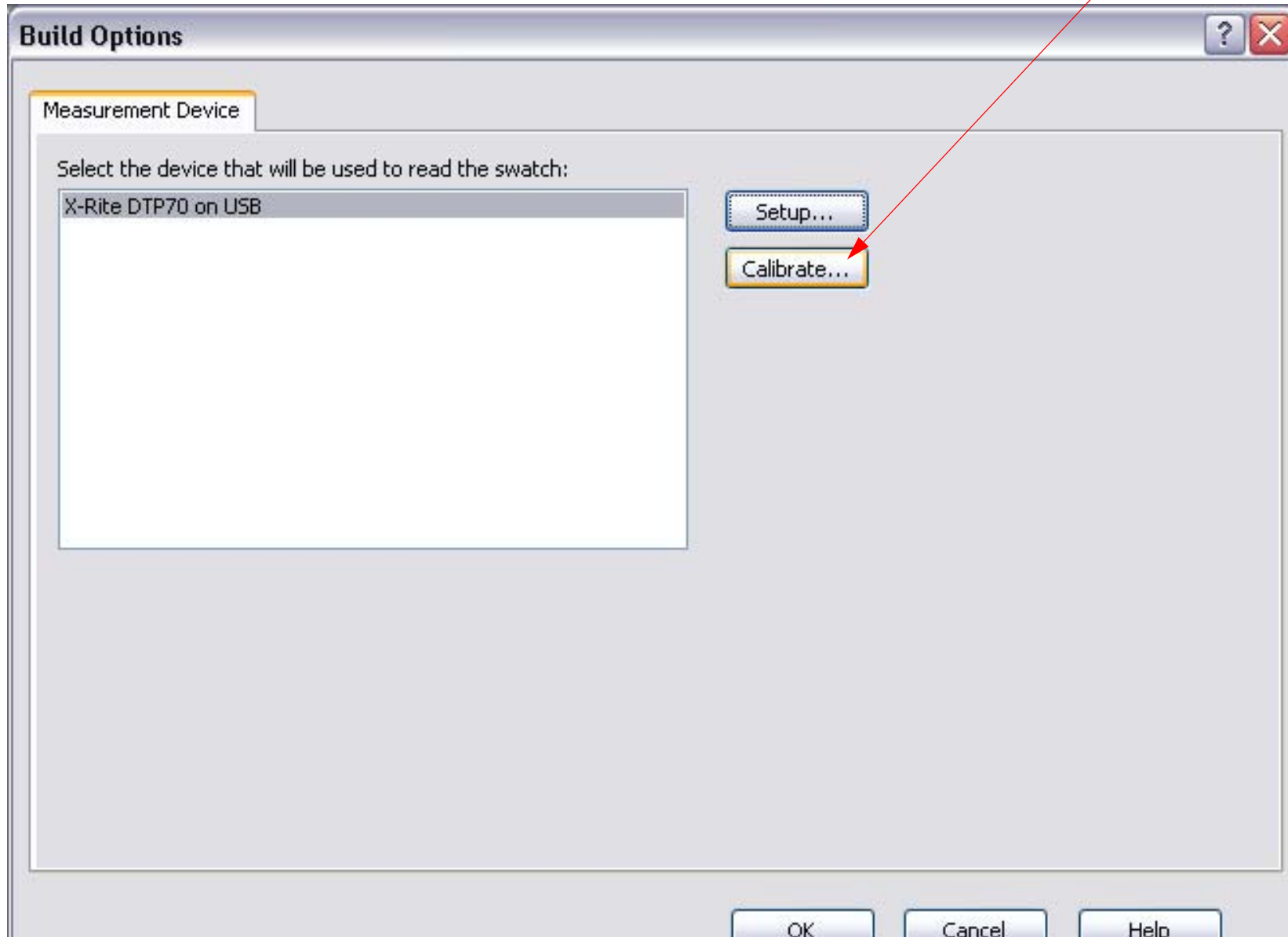
8. Click on **Spectral**.



9. Click on **OK**.

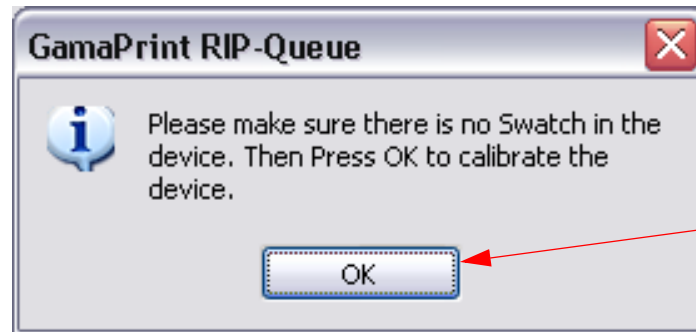
13. Recalibrate (continued))

10. Click on **Calibrate**.

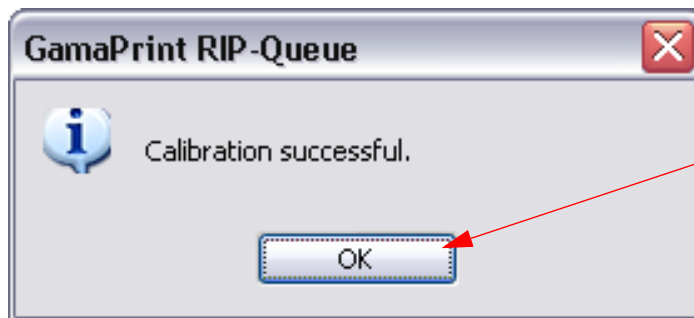


14. Recalibrate (continued)

Note: the device calibration may be subtly different, depending on the color management device that is being used.

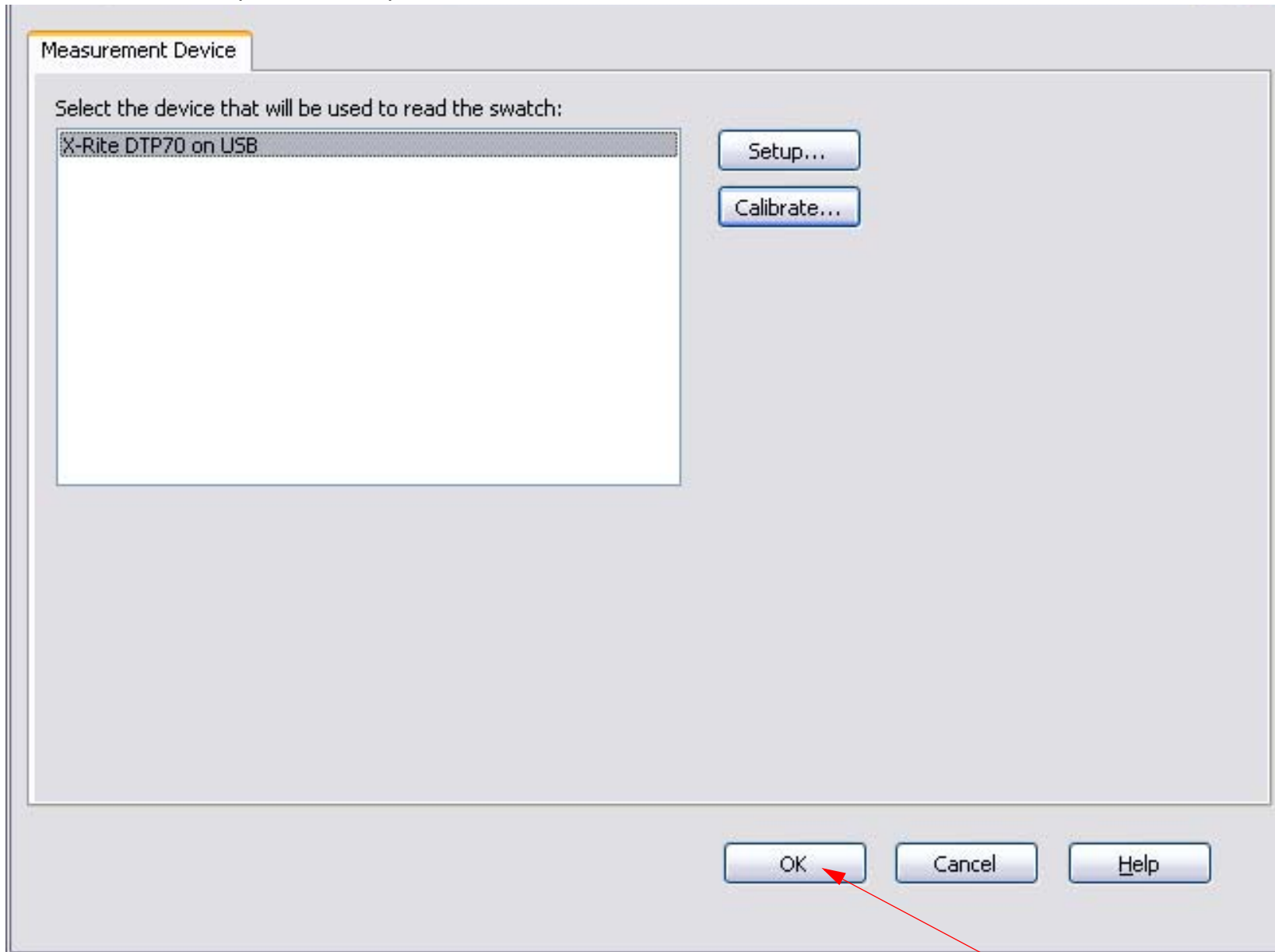


11. Click on **OK**.



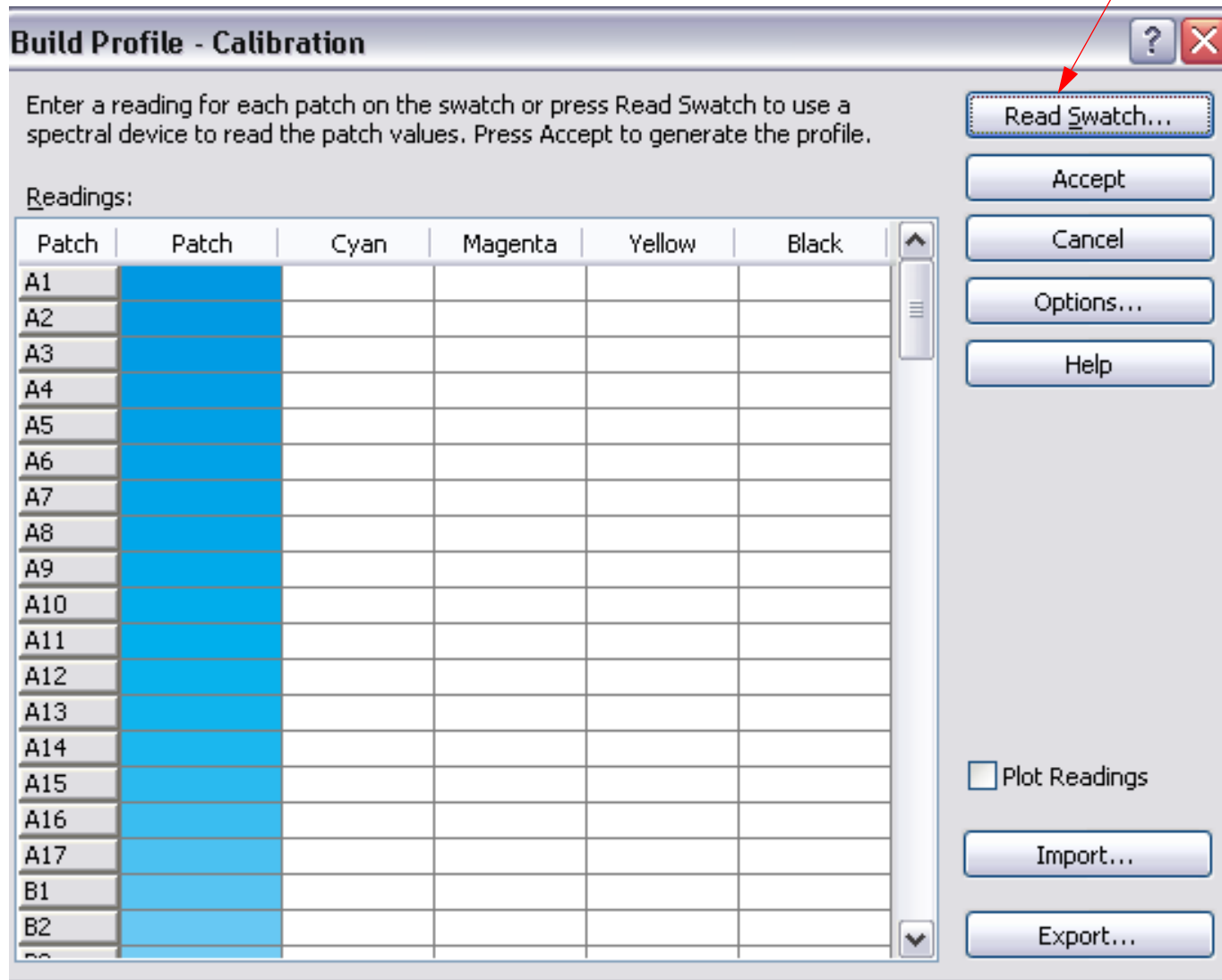
12. Click on **OK**.

15. Recalibrate (continued)



13. Click on **OK**.

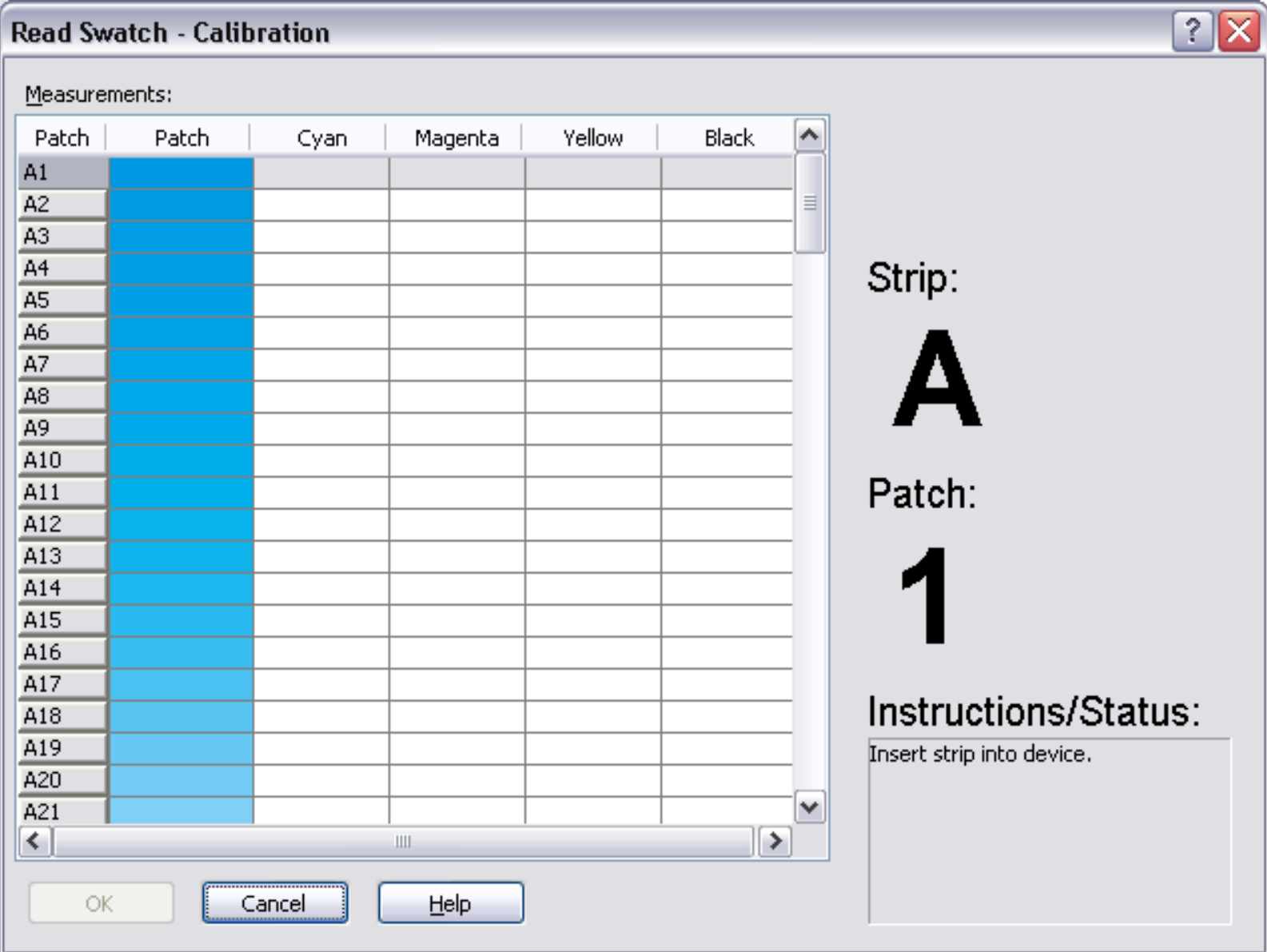
16. Recalibrate (continued)

14. Click on **Read Switch.**

17. Recalibrate (continued)

Note: This example uses the Xrite DPT70. To read the swatch with this device, the swatch is inserted, and a button is pressed on the device. Other color management devices will vary.

15. Read the Swatch



Read Swatch - Calibration

Measurements:

Patch	Patch	Cyan	Magenta	Yellow	Black
A1					
A2					
A3					
A4					
A5					
A6					
A7					
A8					
A9					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
A17					
A18					
A19					
A20					
A21					

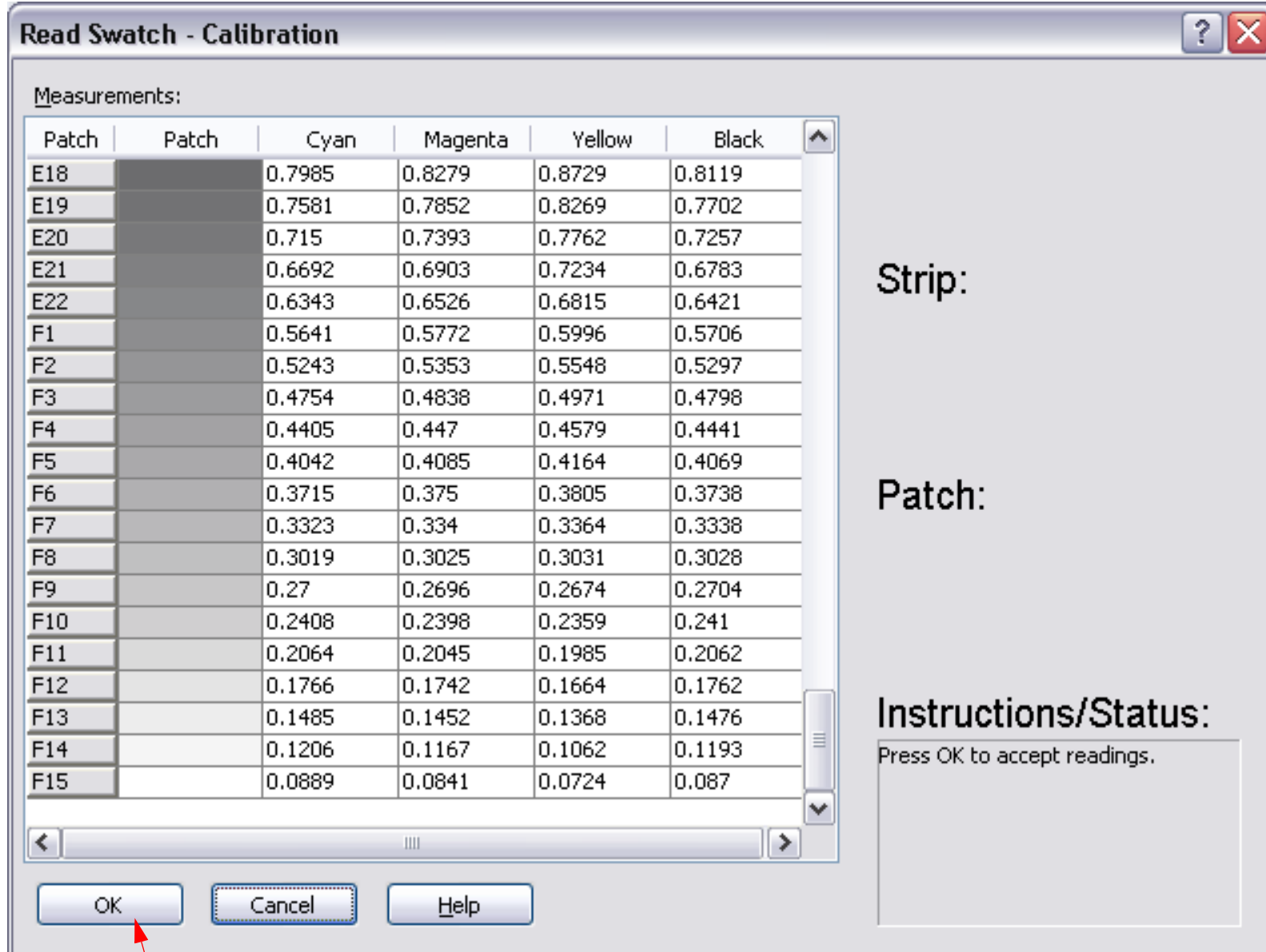
Strip:
A

Patch:
1

Instructions/Status:
Insert strip into device.

OK Cancel Help

18. Recalibrate (continued)



16. Click on **OK**.

19. Recalibrate (continued)

Build Profile - Calibration

Enter a reading for each patch on the swatch or press Read Switch to use a spectral device to read the patch values. Press Accept to generate the profile.

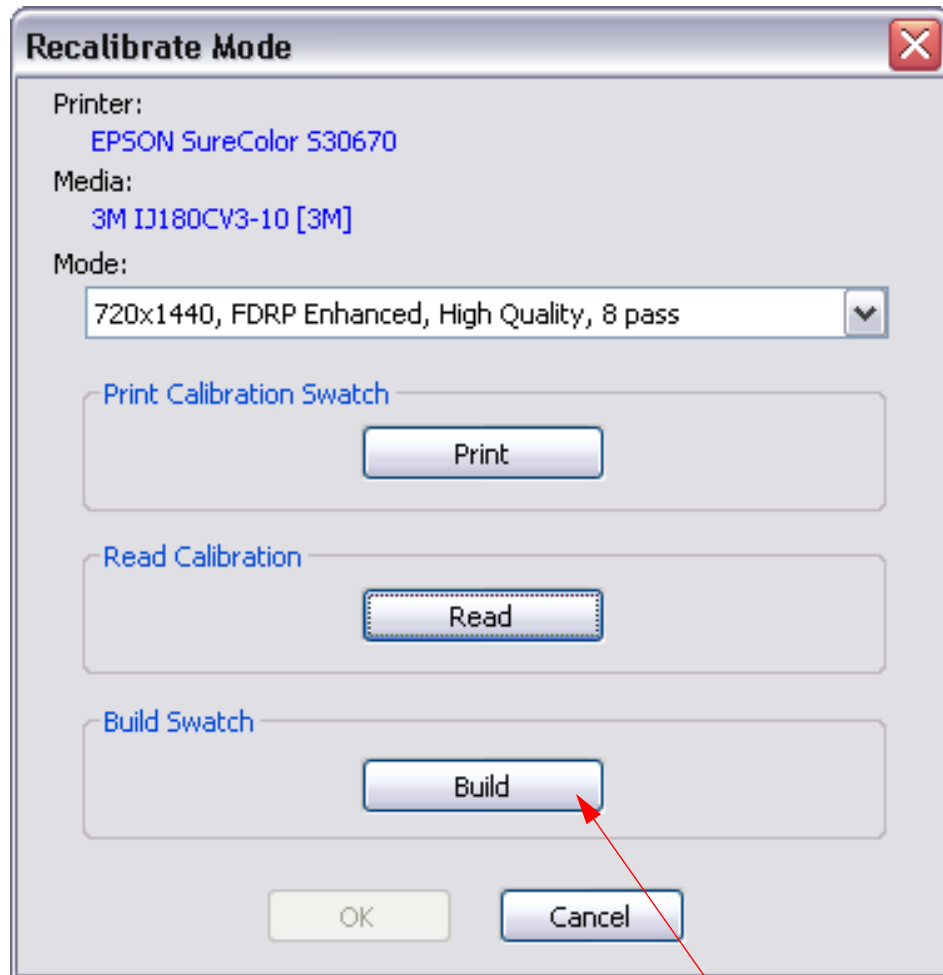
Readings:

Patch	Patch	Cyan	Magenta	Yellow	Black
A1		1.9911	0.5768	0.2375	0.9353
A2		1.7896	0.5214	0.2129	0.8652
A3		1.6114	0.4805	0.1958	0.8085
A4		1.5023	0.4547	0.1855	0.7717
A5		1.3995	0.4300	0.1759	0.7353
A6		1.2862	0.4064	0.1676	0.6971
A7		1.1811	0.3843	0.1600	0.6600
A8		1.1122	0.3672	0.1542	0.6322
A9		1.0617	0.3525	0.1492	0.6092
A10		0.9975	0.3384	0.1452	0.5835
A11		0.9163	0.3205	0.1396	0.5502
A12		0.8346	0.3018	0.1335	0.5144
A13		0.7800	0.2870	0.1296	0.4880
A14		0.7143	0.2714	0.1252	0.4570
A15		0.6774	0.2593	0.1214	0.4366
A16		0.6359	0.2471	0.1179	0.4144
A17		0.5921	0.2357	0.1151	0.3916
A18		0.5634	0.2266	0.1124	0.3753
A19		0.5131	0.2138	0.1094	0.3483

Buttons: Read Switch..., Accept, Cancel, Options..., Help, Plot Readings, Import..., Export...

17. Click on **Accept**.

20. Recalibrate (continued)



18. Click on **Build**

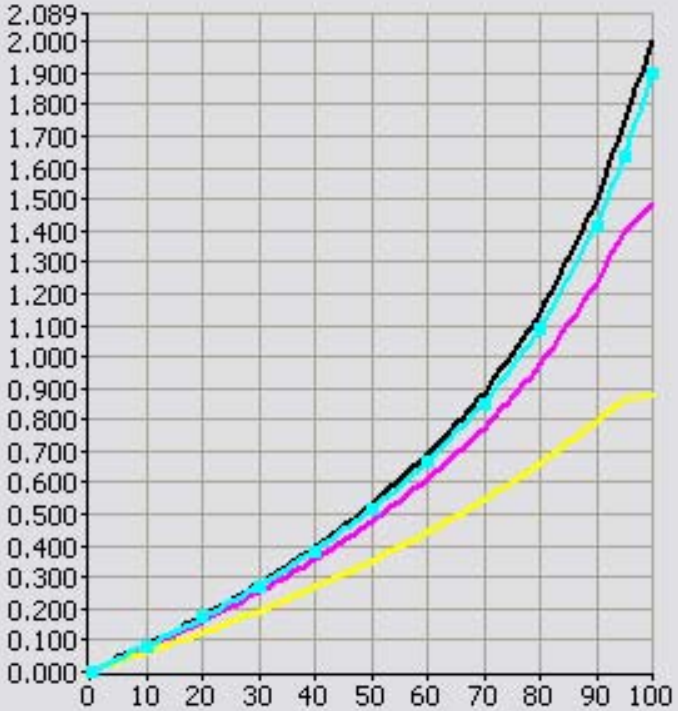
21. Recalibrate (continued)

Tweak Linearization

Desired Target | Swatch Measurements | Linearization Table

Name:

Percent: Target Density:



Advanced Readings ...

Edit:

Percent	Density
10	0.081
20	0.171
30	0.271
40	0.384
50	0.514
60	0.666
70	0.852
80	1.088
90	1.413
95	1.637

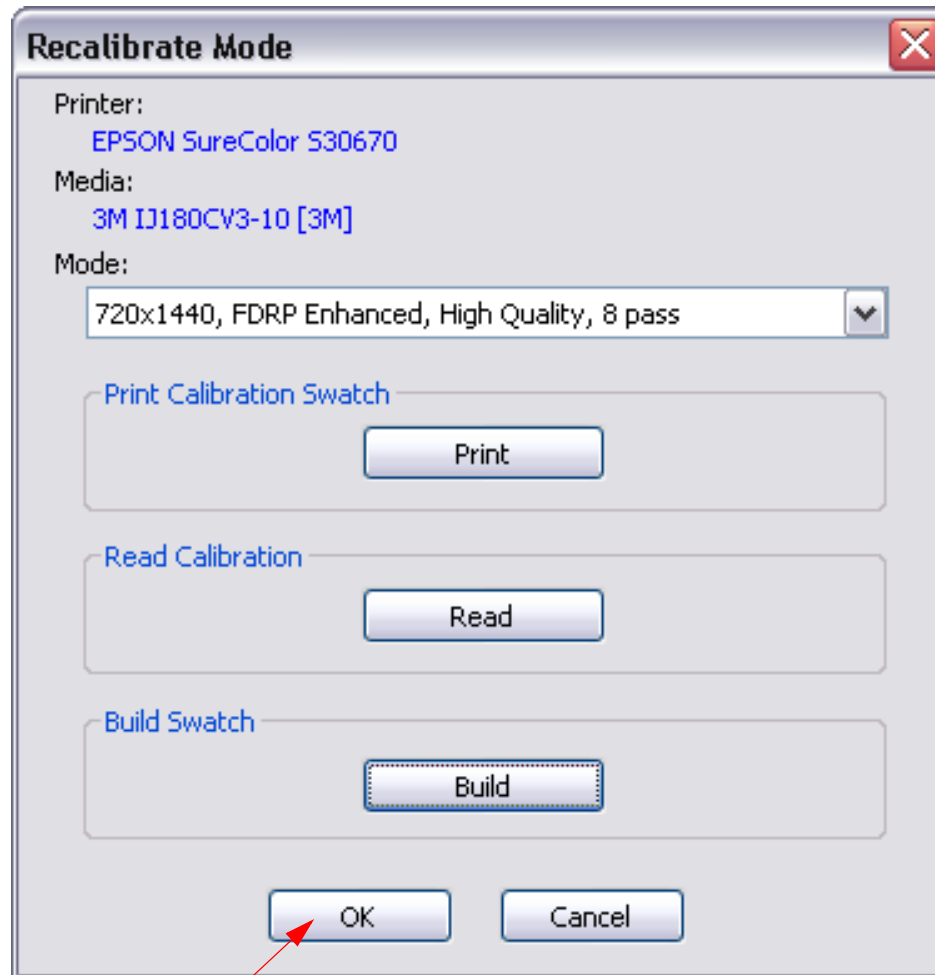
Cyan
 Magenta
 Yellow
 Black

Display
 Percent
 Value

View as: Chart Range:

19. Click on **Build**

22. Recalibrate (continued)



20. Click on **OK**.