



# Founder RealDot Viewer

# Quick Guide

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Beijing Founder Electronics Co., Ltd.

**FOUNDER**



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This manual provides a complete introduction to all the functions and features of Founder ElecRoc Workflow Management System. However, some of them are available upon additional payment, the user interface and functions may vary accordingly. For more information, contact Founder's sales personnel.

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# 1 Installation

Designed to be used with ElecRoc Client, this tool should be installed on client machine. Double-click the file **setup.exe** under ElecRoc install DVD's directory \Options\RealDot Viewer\ to start up the install program. The installation is easily and quickly done, by simply clicking **Next** or **Install** in each step, see the following figures.

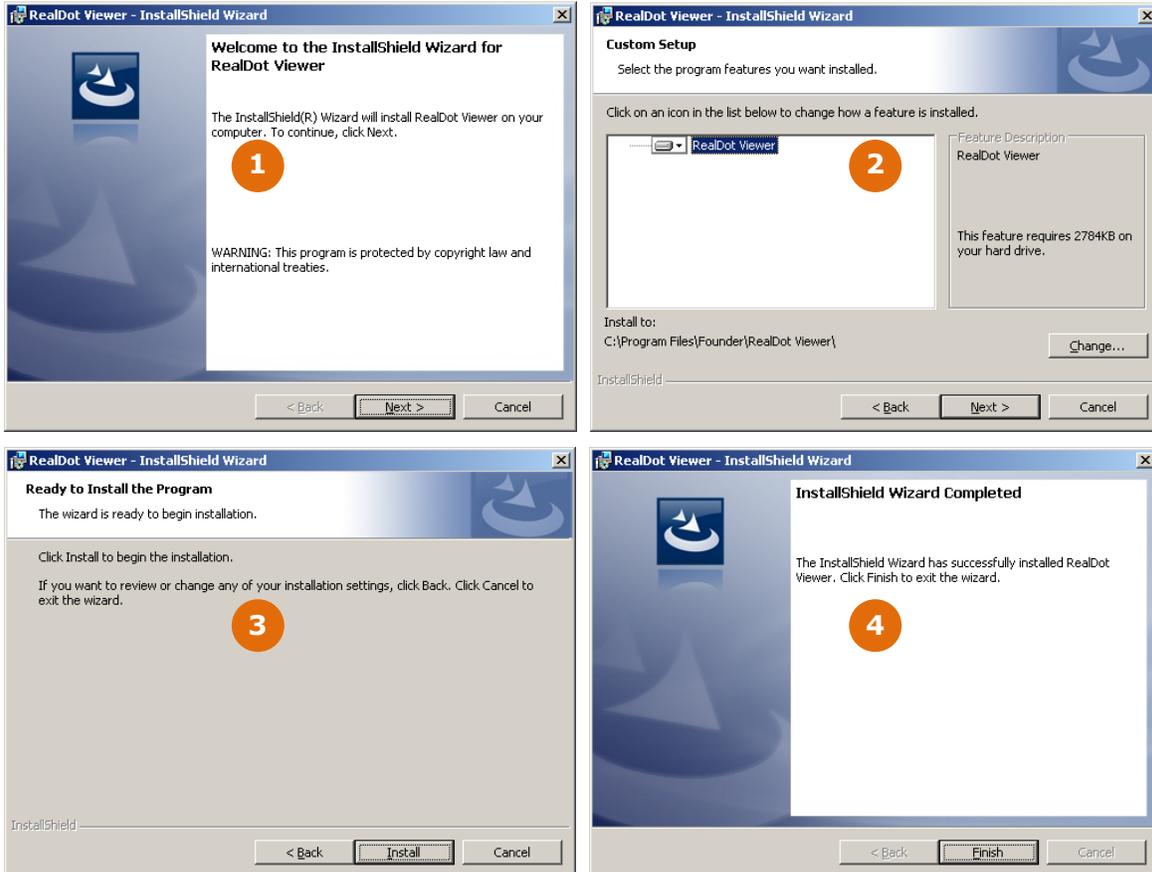


Figure 1

# 2 Start the Tool

It's recommended that the tool is started in the following method:

On ElecRoc Client, under the 1-Bit Tiff Export node in your job, choose and right-click your job file (or one or more separations of your job) in the input file queue and choose the short-cut menu item **Open in RealDot Viewer**, and then you can start up the tool.

**Note:** This tool can also be started by double-clicking the short-cut icon  RealDot Viewer on your desktop. And in this case, you can open your tiff file for view by choosing the main menu **File > Open File**, or clicking the toolbar icon .

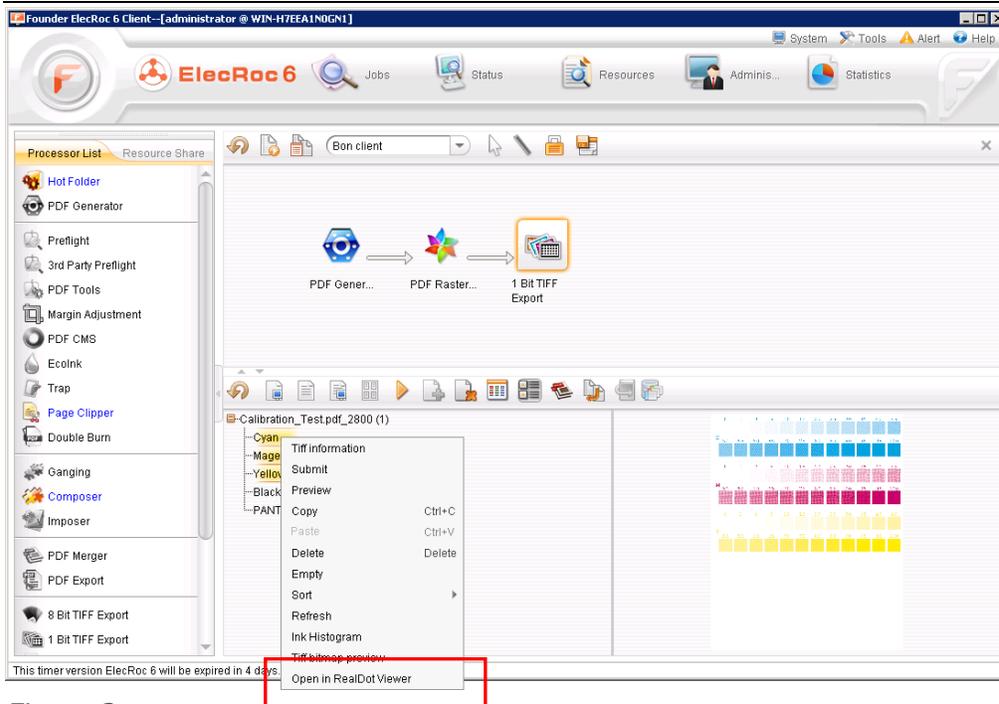


Figure 2

The main window of the tool is then displayed, see the following figure, and the tiff file will be opened as well.

### 3 Use the Tool

This tool is designed for you to view the tiff file generated by ElecRoc’s 1-Bit Tiff Export processor or standard 1-bit tiff files exported by ElecRoc or third-party applications.

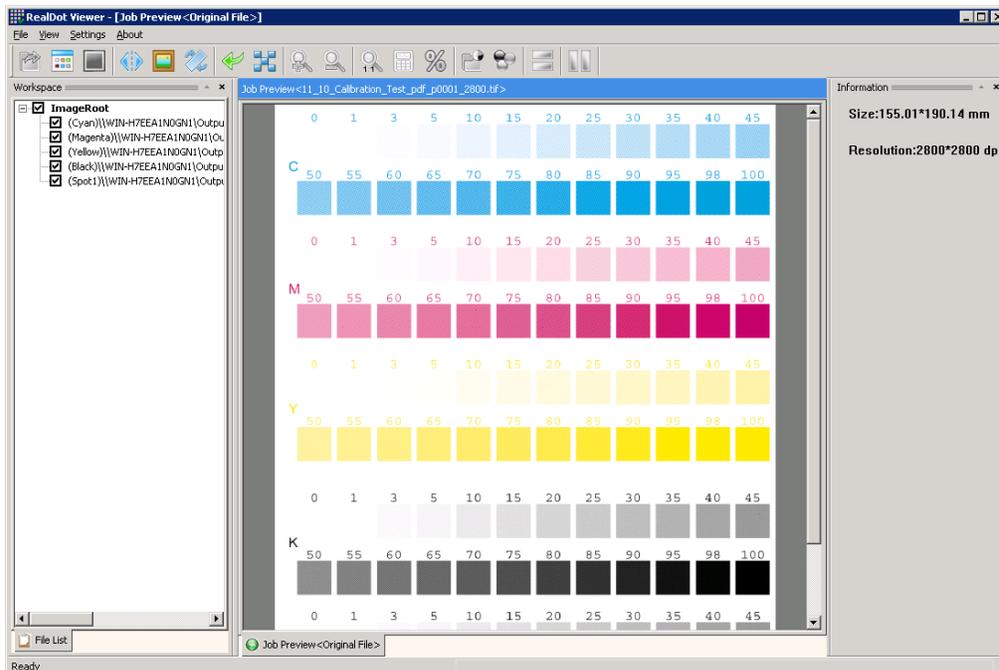


Figure 3

### 3.1 Image View

By default, every time you open a tiff file, you see the image view at first, see below.

In the leftmost area of the window, the checkbox in front of the separation list controls which separation(s) is to be viewed. Only the ticked separation(s) is displayed. Thus a full separation view can be enabled by ticking all the boxes, and if needed, any combination of separations can be viewed as well by ticking only the one(s) you want to view.

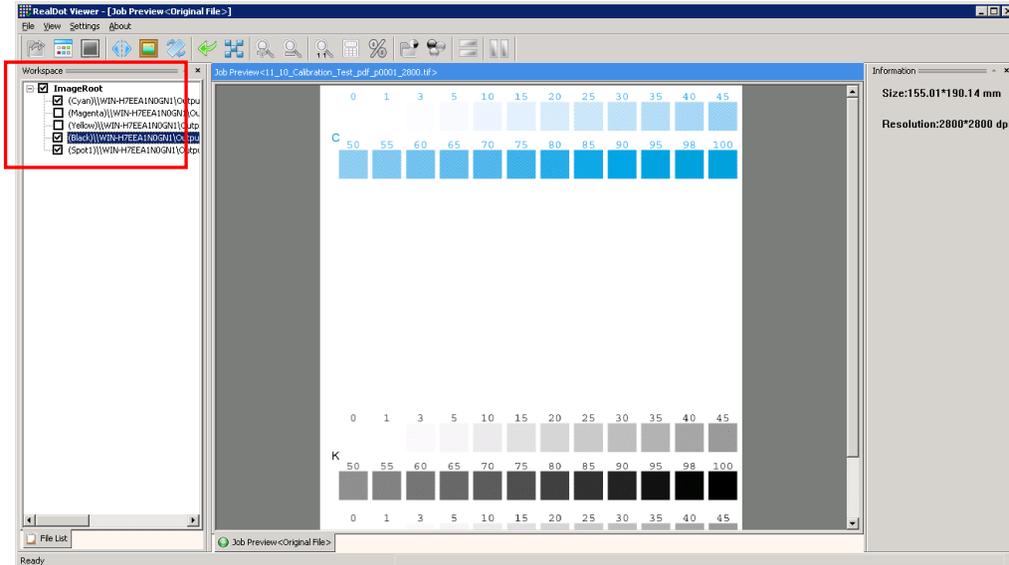


Figure 4

For viewing part of the separations, you may also choose only the ones you want to view at the time you open the tiff file.

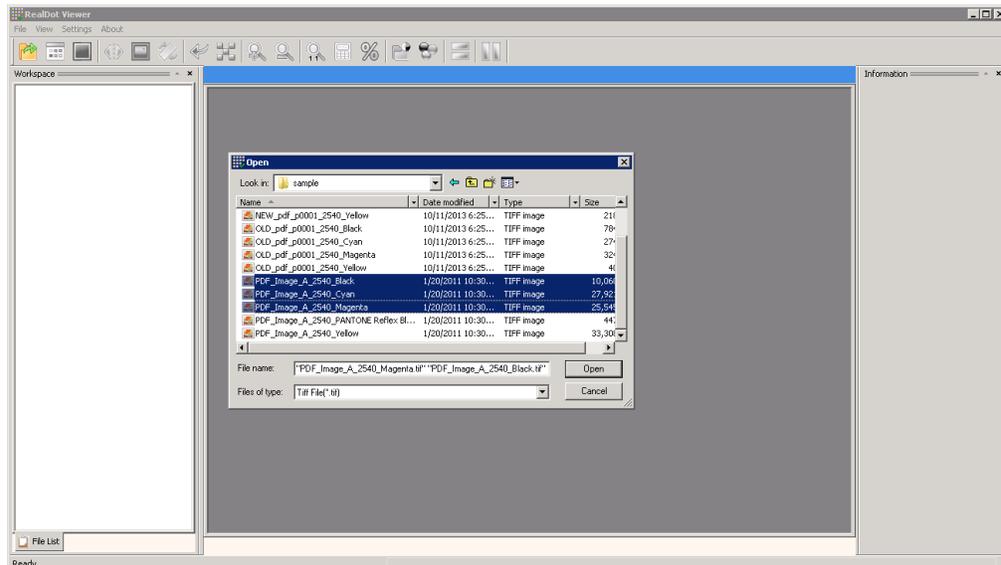


Figure 5

### 3.2 Bitmap View

To view the screened bitmap, perform as follows:

1. Click the toolbar icon , and you will see a small and blue rectangle appearing on the preview image, as shown inside the red rectangle below.

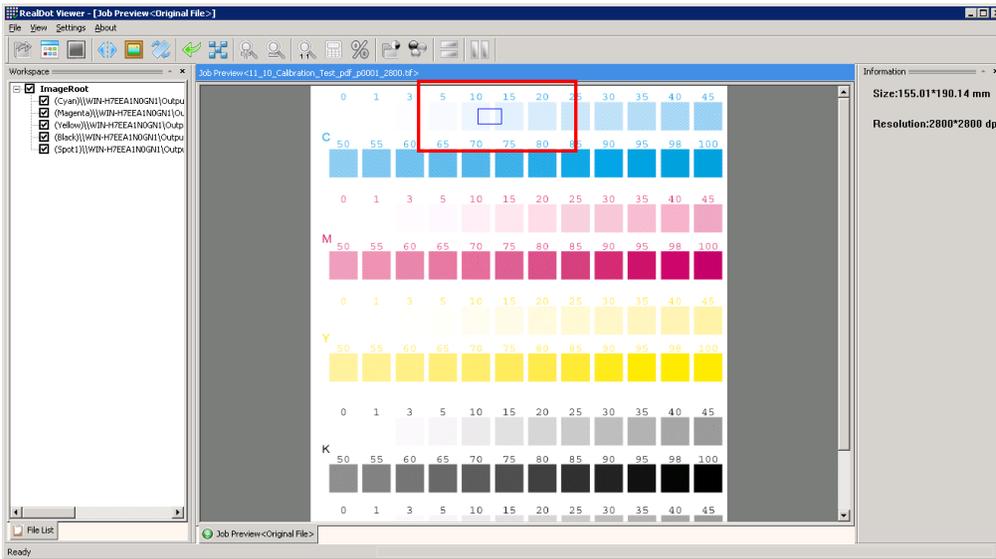


Figure 6

2. Move the small blue rectangle to the area where you want to view the bitmaps, and then double-click your mouse button.

3. Now you see the bitmap view, see the following figure. In this view, you can use the toolbar icons   to zoom in/out the view. The icon  enables you to restore the display proportion to 1:1.

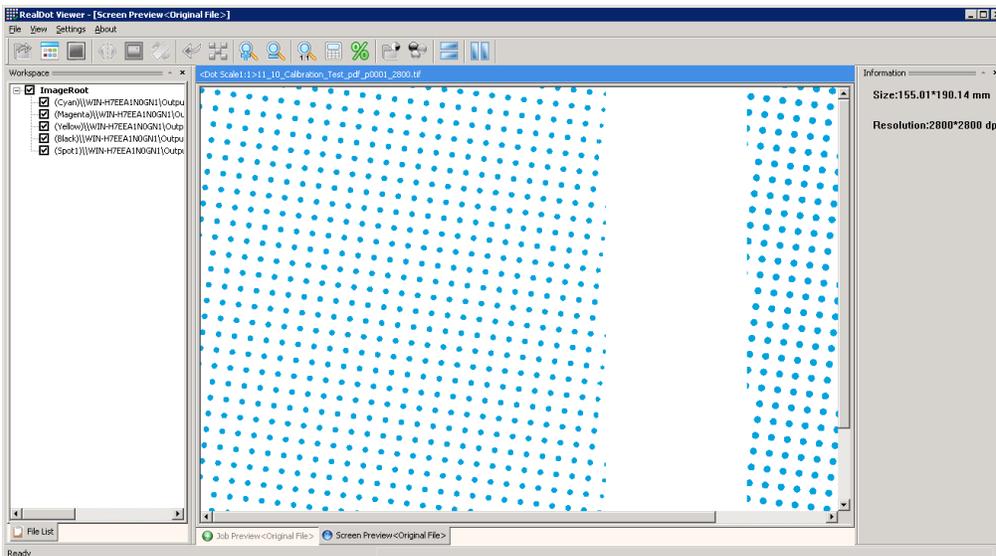


Figure 7

When you have opened both the image and the bitmap views, by clicking the toolbar icons  , you can align the two views in two modes, the following figure shows an example of vertical alignment.

To switch the view between them, just click the tab at the bottom of the window.

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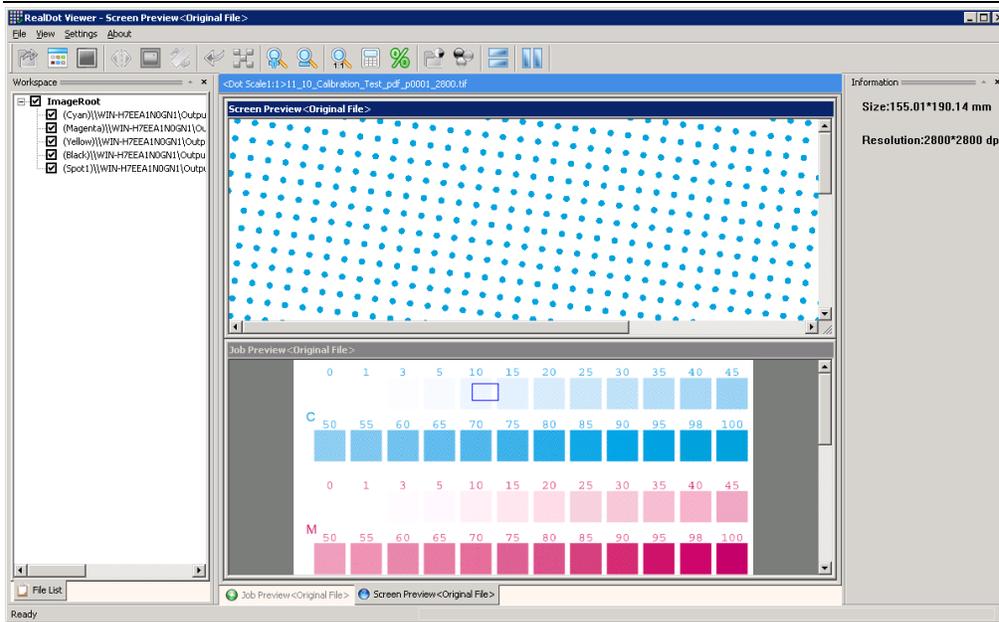


Figure 8

### 3.3 Calculate Frequency & Dot Percentage

In the bitmap view of only one separation, you can easily perform two calculations.

Check the toolbar icon . Then click your left mouse button on the bitmap, hold and move the mouse to include a line of dots. Release the mouse button and you see the dots' frequency (LPI) on the rightmost area of the window. The distance and angle of your mouse movement are displayed as well.

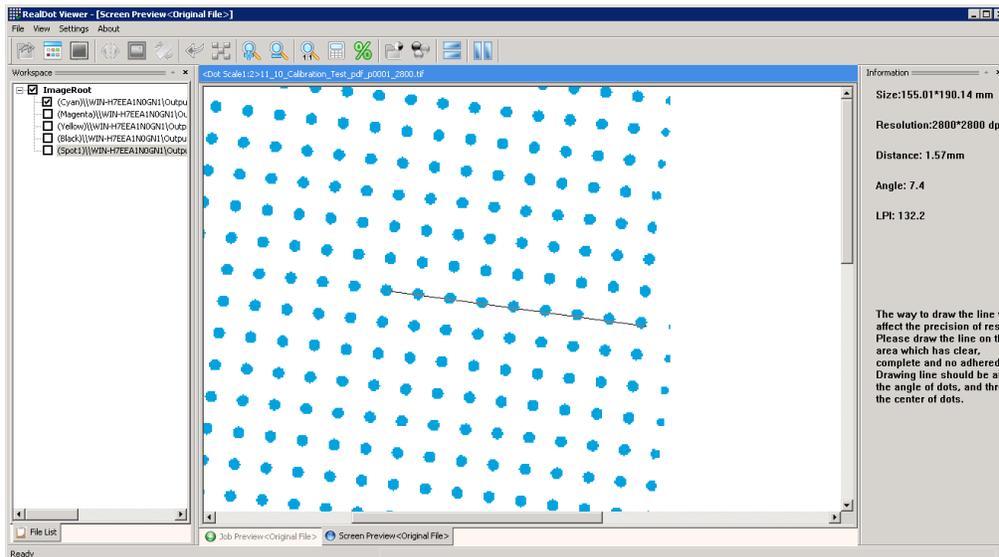


Figure 9

Check the toolbar icon . Then click your left mouse button on the bitmap, hold and move the mouse to include an area of dots. Release the mouse button and you see in the rightmost area of the window the width, the height and the dot percentage of that area.

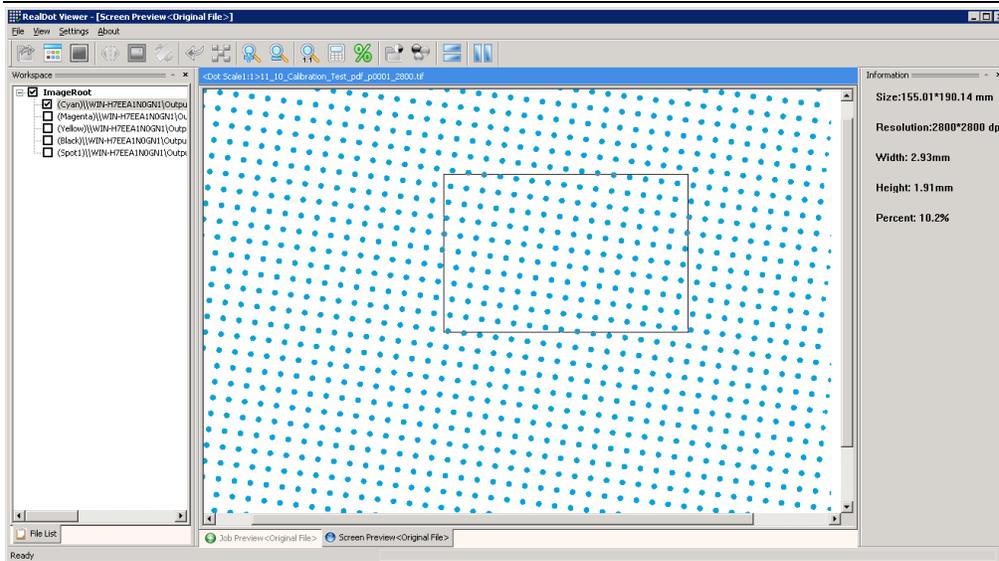


Figure 10

### 3.4 Compare File

The tool enables you to compare two separations from two different jobs. The two compared jobs must be in the same size. Please follow the steps below to perform.

1. Open only one separation of your job (original job).

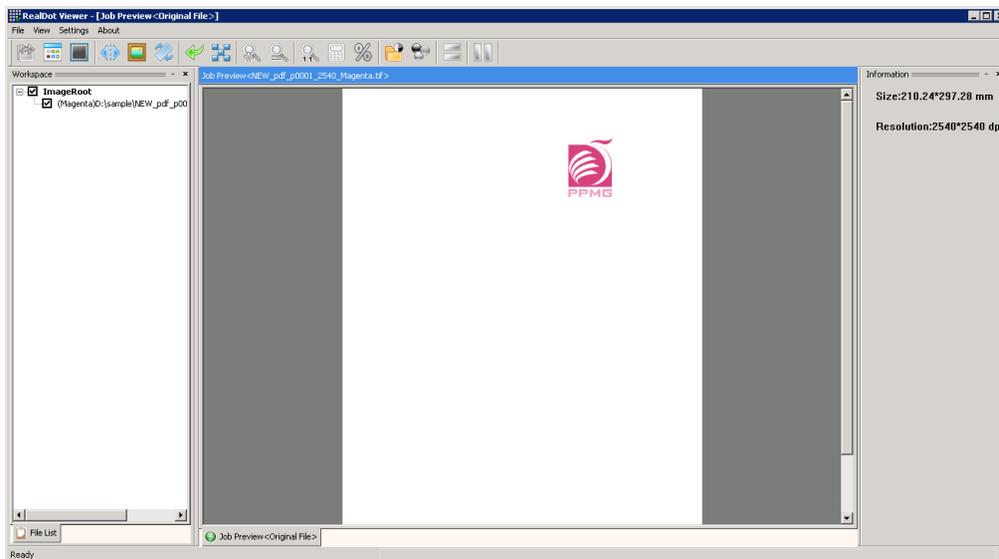


Figure 11

2. Click the toolbar icon , and you see a pop-up dialog box. Please choose also only one separation from another job (the compare job).

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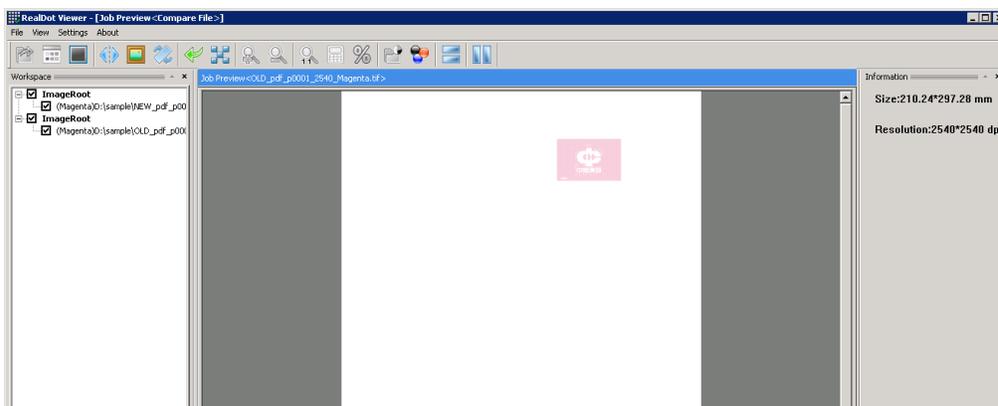
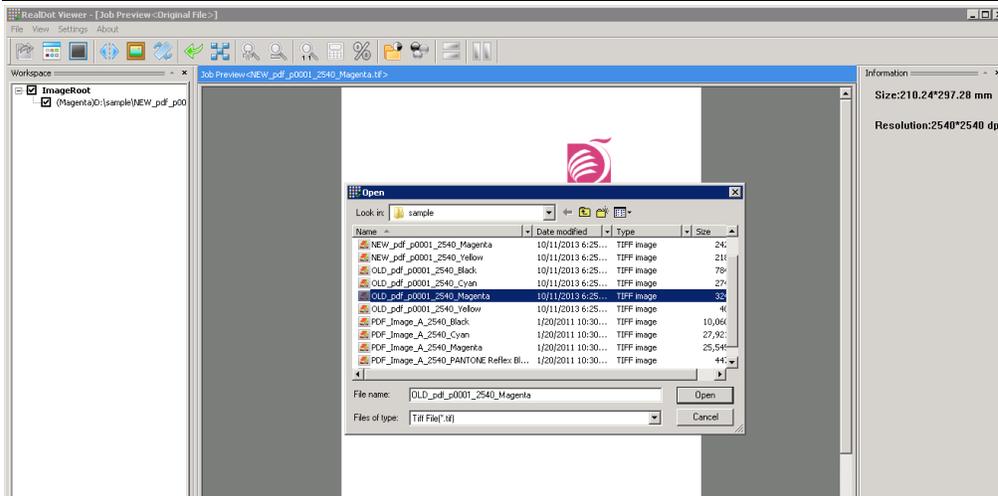


Figure 12

3. After you have opened two separations from two different jobs, click the toolbar icon  to compare. The difference (if any) will be highlighted.

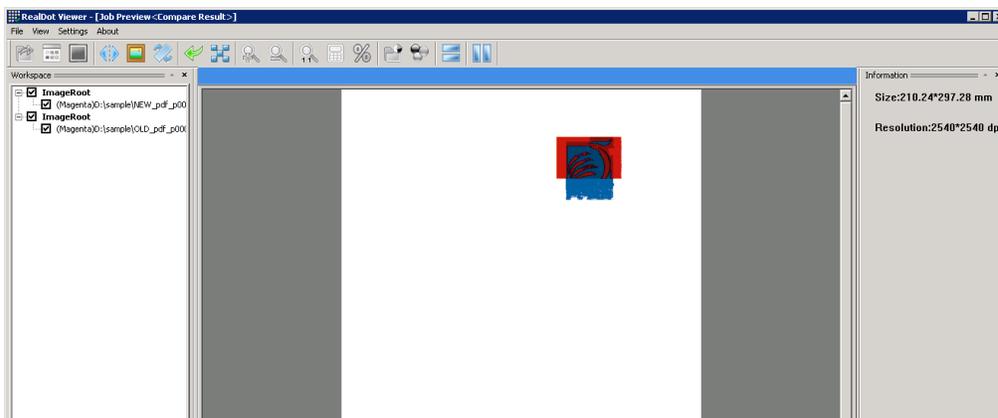


Figure 13

## 3.5 Mirror, Negative, Rotate

The tool supports you to view the mirrored, negative and rotated images of your job. The toolbar icons used for these operations are ,  and , see the examples below, the first figure is the normal view.

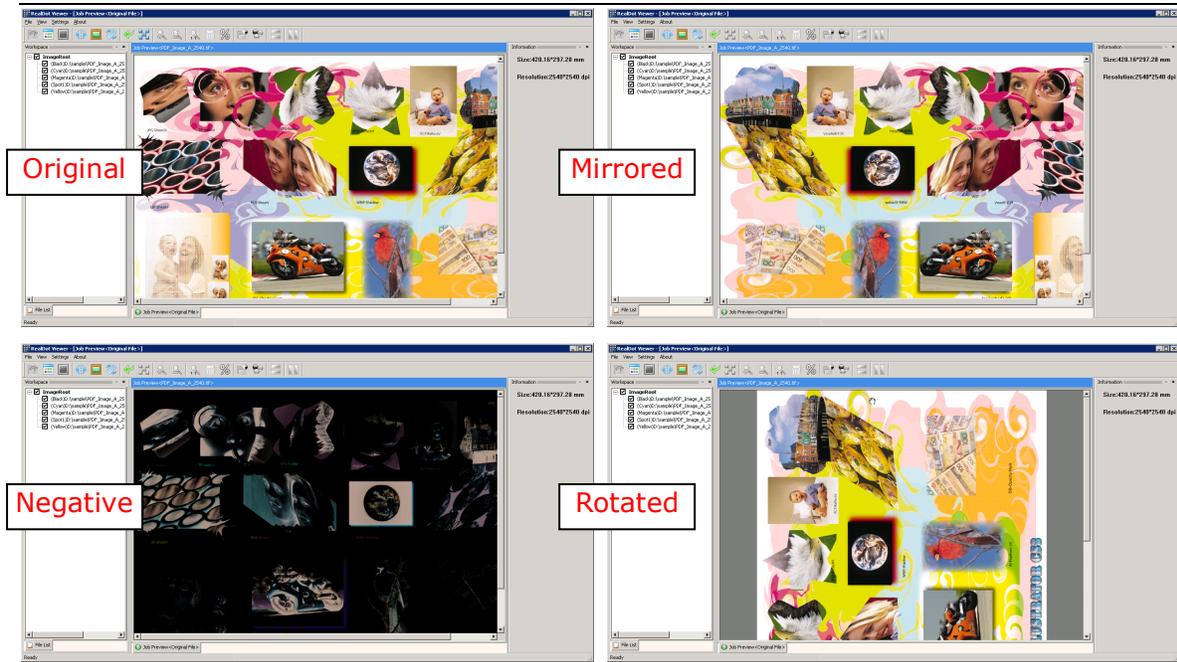


Figure 14

### 3.6 Separation Setup

By clicking the toolbar icon , you can open a color setup dialog box, in which you can define the display color values for your four basic and spot color separations.

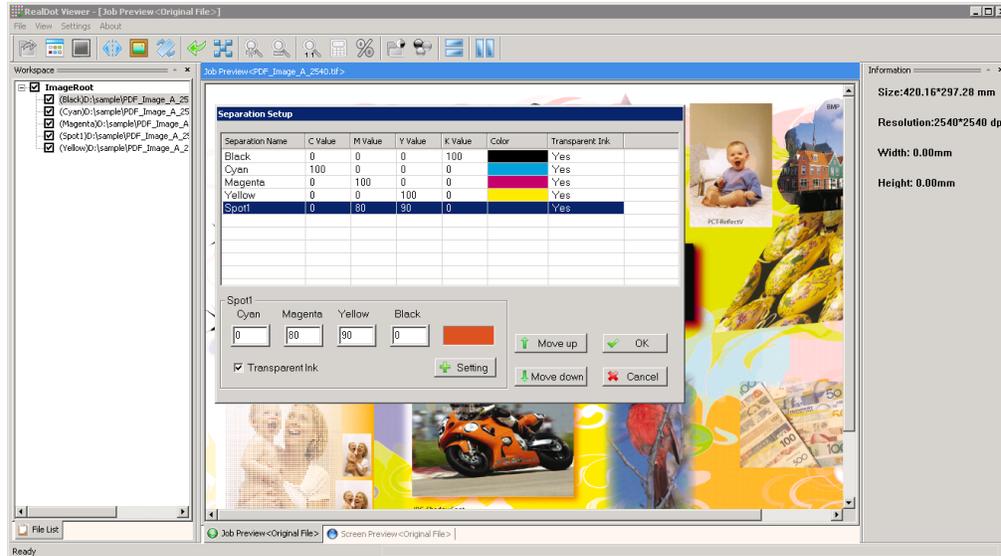


Figure 15

To define a color, please choose the separation, and input the color values at the lower-left corner of the dialog box, and then click **Setting**.

**Note:** The color sequence in the table can be adjusted, but note that in case there is more than one spot color in your job, they will appear in the dialog box in the order as they appear in the separation list.