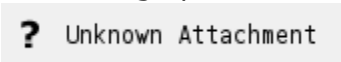# Create a face-up ACM cutting file with camera marks

Note the following points about camera marks:

- The automatic placement of the camera marks is determined by the **Cut Preferences** setting for **Camera Mark Location** and the **Layout > Output > Flip** setting.
- The location of camera marks is relative to the layout. The cut label position is relative to the individual plates. Thus, Bottom/Top and Left/Right for camera marks is not the same as the corresponding positions of the cut labels.

Flip	Camera Mark Location	Resulting location of the camera marks
None or Vertical	Bottom/Top	Bottom
None or Vertical	Left/Right	Left
Horizontal	Bottom/Top	Top
Horizontal	Left/Right	Right

- After output, the camera marks will appear in the calculated position on the layout. You can also check the camera marks by opening the plate TIFF in Preview mode.
- For ACM cutting file workflows, camera marks 1 and 2 are automatically labelled, so that the cutting operator can easily locate the correct camera mark on the plate during cutting.

  ? Unknown Attachment

- If you set the **Camera mark count** to **4**, the cutting table (and operator) can predict the location of marks 3 and 4 based on the label and location of marks 1 and 2.

Set the Cut Preferences

1. Set the **Cut** Preferences as shown:

   ? Unknown Attachment

2. Adjust the following options as desired:

- Min Split Length
- Camera Mark
- Folder for storing the cut files

Create the layout

1. Start a new layout that is appropriately-sized for the Flexcel NX imager.
2. Add the files from the **Lesson 2** folder to the layout.

3. Use the following **Arrange** settings to position the files. Make sure that **Allow element rotation for best fit** is selected.

? Unknown Attachment

Example—Narrow plate layout

? Unknown Attachment

4. Output and save the layout. The **Flip** option must be set to **Horizontal**.

? Unknown Attachment

View the results

1. View the HTML cut file.

? Unknown Attachment

2. Preview the saved output 1-bit TIFF file.

? Unknown Attachment