FAQ: How Can I Recognize Barcodes on a Fax (Unequal X/Y Resolution) Image?

Typically, fax images have a complex resolution (dpi.X != dpi.Y), which will make barcodes on the image seem distorted. Our barcode reader requires that the image has dpi.X equal to dpi.Y. The solution to this is to simply resample the image using the ratio of the dpi as the multiplying factor. After the image is resampled, the Resolution property must be changed to match the new DPI. For example,

[C#]

```
talaImage img = new AtalaImage(@"C:\FaxImage.TIF"); ImageCommand cmd = new
ResampleCommand(new Size(img.Width, img.Height*(img.Resolution.X / img.Resolution.Y)));
AtalaImage newImg = cmd.ApplyToImage(img); newImg.Resolution = new
Dpi(img.Resolution.X,img.Resolution.X, img.Resolution.Units); TiffEncoder enc = new
TiffEncoder(); newImg.Save(@"C:\DataMatrix.tif",enc, null);
```

[VB.NET]

```
im img As AtalaImage = New AtalaImage("C:\FaxImage.TIF") Dim cmd As ImageCommand = New
ResampleCommand(New Size(img.Width, img.Height*(img.Resolution.X / img.Resolution.Y))) Dim
newImg As AtalaImage = cmd.ApplyToImage(img) newImg.Resolution = New
Dpi(img.Resolution.X,img.Resolution.X, img.Resolution.Units) Dim enc As TiffEncoder = New
TiffEncoder() newImg.Save("C:\DataMatrix.tif",enc, Nothing)
```

Original Article

Q10120 - FAQ: How can I recognize barcodes on a Fax image?

Last Update

2026-09-22 - TD - (Minor Spelling)

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50318/FAQ-How-Can-I-Recognize-Barcodes-on-...