MOTOROLA SOLUTIONS ← *This label will be captured for Barcode-anchored mode*

Document Capture Sample Form

The document capture sample application (*DocCapSample*) demonstrates how to interface with the EMDK DocCap application programming interface (API). This document is the companion form intended to be printed and used with the sample. There are 3 modes of operation supported.

1. **Free-form mode**: In this mode, the document to be captured is defined by a visible rectangular border. There must be a clear contrast between the form to be captured and its background. The inclusion of a barcode within the form is optional and it will only be decoded if its symbology is enabled. The offset, height and width parameters are ignored in this mode. The *DocCapSample* application does not enable the symbology used in this form, so only the image of the form will be captured.

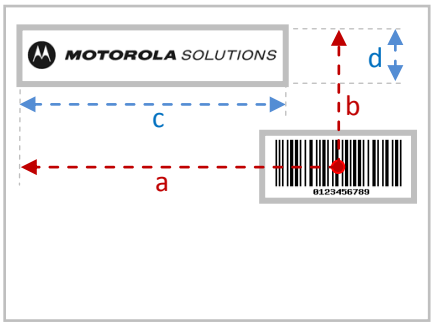
2. **Barcode-linked mode**: This mode is similar to the Free-form mode except in this mode the barcode is mandatory. Both the image of the form and the decoded barcode data will be captured by the *DocCapSample*.

3. **Barcode-anchored mode:** In this mode, a specified part of the form is captured based on its relative position to a barcode within the form. A barcode must be included in the document and its symbology must be enabled. An X and Y offset and a width and height must be specified to determine the portion of the form to capture. The DocCap sample application will capture the Motorola solutions logo image a well as the Code 128 barcode data.

Scan this form *Scan this form* *Scan this form* *Scan this form* *Scan this form* *Scan this form*

Usage Tip: For best results, hold the scanning device perpendicular to the form; a few inches away from it. Press the scan trigger and slowly pull away from the form until the decode beep is heard.

Barcode-anchored Mode Calculations



The following parameters are used by DocCapSample:

```
ImageOffsetX  = a/module (-286mm = 143mm/.5mm)
ImageOffsetY  = b/module ( 70mm =  35mm/.5mm)
dwImageWidth  = c/mobule (174mm =  87mm/.5mm)
dwImageHeight = d/module ( 38mm =  19mm/.5mm)
```

Where *module* is the width of the smallest element in the barcode

For a more detailed description of Document Capture refer to the EMDK Help file.