

DynaPro

PIN Pad, Encryption, SCRA, EMV and NFC Device Instructions for Loading Bitmap Images



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Manual Part Number:
99875622-20

REGISTERED TO ISO 9001:2008

Instructions for Loading Bitmap Images

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Table 1.1 - Revisions

Rev Number	Date	Notes
1.01	October 2013	Initial Release
20	February 2017	Updated “Send Bitmap” to “Send Image” on page 5

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1 Introduction

The DynaPro display allows for brilliant full-color, 320x240 pixel images. Please follow these instructions for simple upload of your images.

1.1 Settings and Configuration

Plug and Play USB connection, no driver installation needed.

Ethernet units have to have IP address/Port selected for communication.

The IPADSim application supports Windows XP, 7, and 8 both 32-bit and 64-bit

BitMap config needs to be in unlocked state.

Image type: bmp image type is highly recommended, but user can load tiff, jpg, and png images as well.

The optimal image size is 320x240 pixels and 72 dpi

2 Creating Images

Create full-color branded images to get your message across to your customers. Follow these simple instructions to create device-ready bitmap images.

In a design program set your canvas size to 320x240 pixels at 72 ppi/dpi

Set the file to RGB color mode. For best results - set your background color to white.

Drop in your desired artwork.

Save your image as a Windows BMP image, 16 bits at R5, G6, B5 (typically under advanced options).

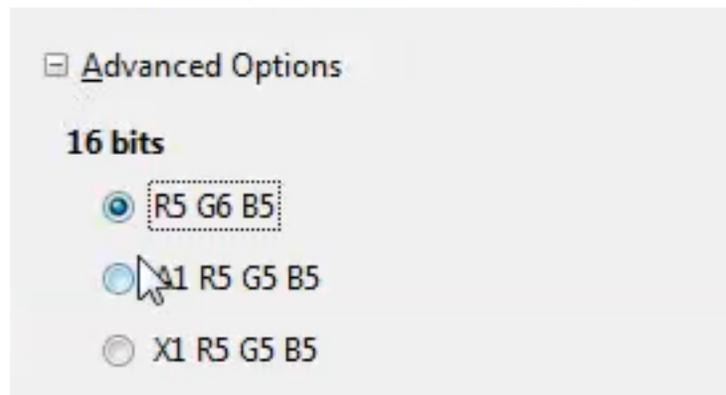


Figure 2.1 Advanced Options

Now your image is ready to be uploaded.

3 Upload the images

3.1 Launch IPADSim Application

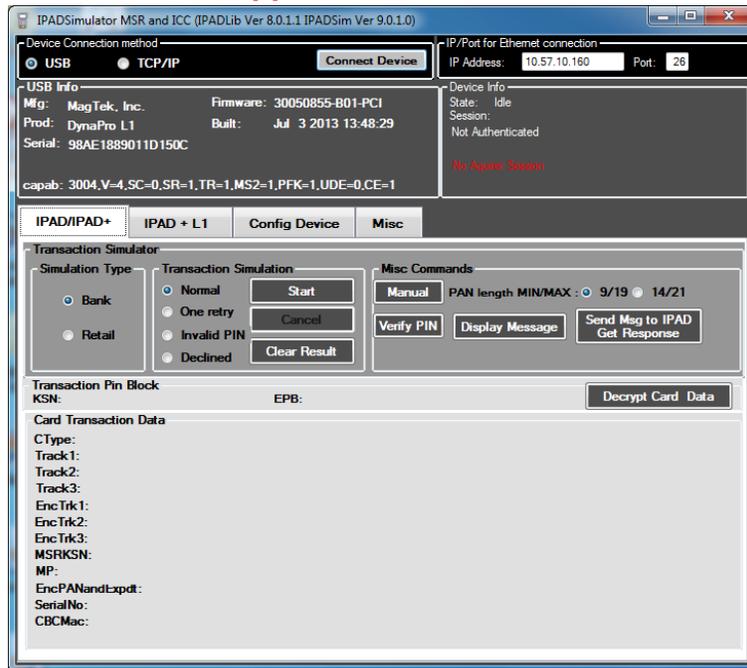


Figure 3.1 Launch IPADSim Demo

3.2 Select "Misc" tab

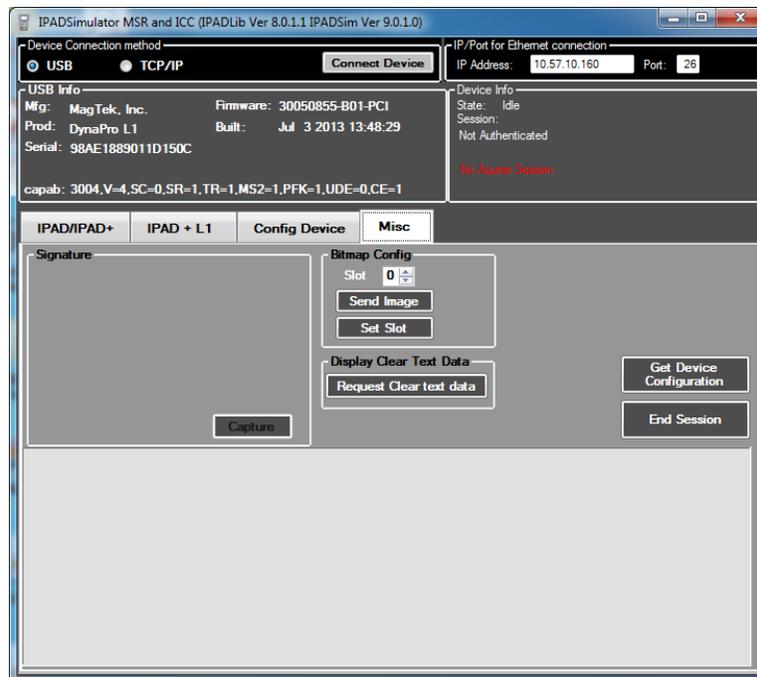


Figure 3.2 Simulator Misc Tab

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3.3 Select Slot

Select the Slot that you want to load the image in the Bitmap Config, then click “Send Image” (Please note that you can’t load image into slot 0, as this is the factory default slot. You can load the image to slot 1, 2, 3 and 4. You can load bmp, jpg, png, or tif image, but bmp is highly recommended; and the image size must be 320x240 pixels, and the optimal resolution is 72 dpi/ppi)

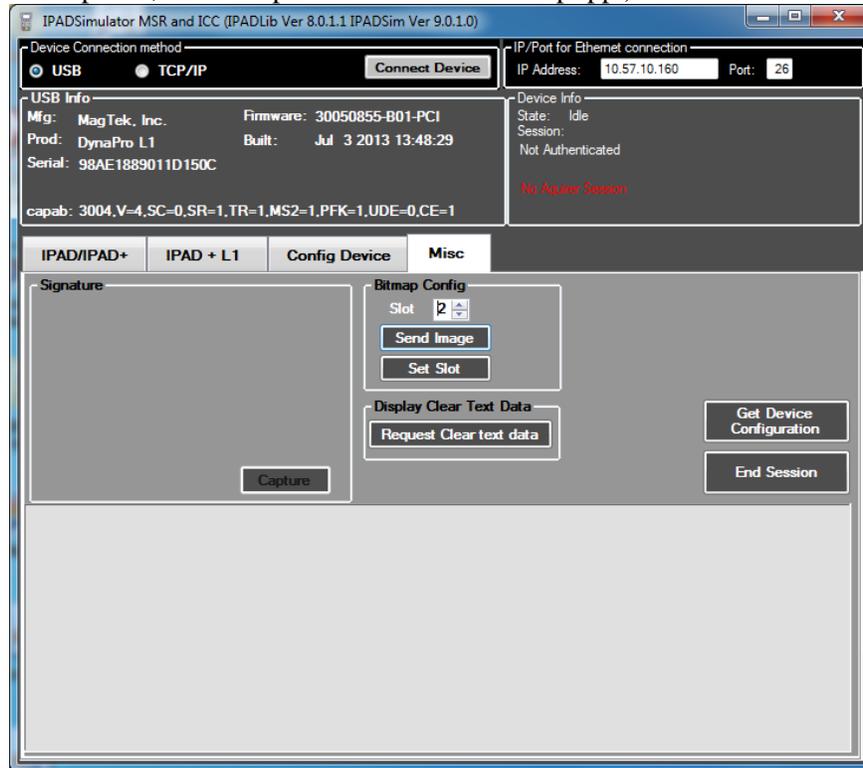


Figure 3.3 Select “Send Image”

3.4 Select the Bitmap image

Select the bitmap image to load then click “Open.”

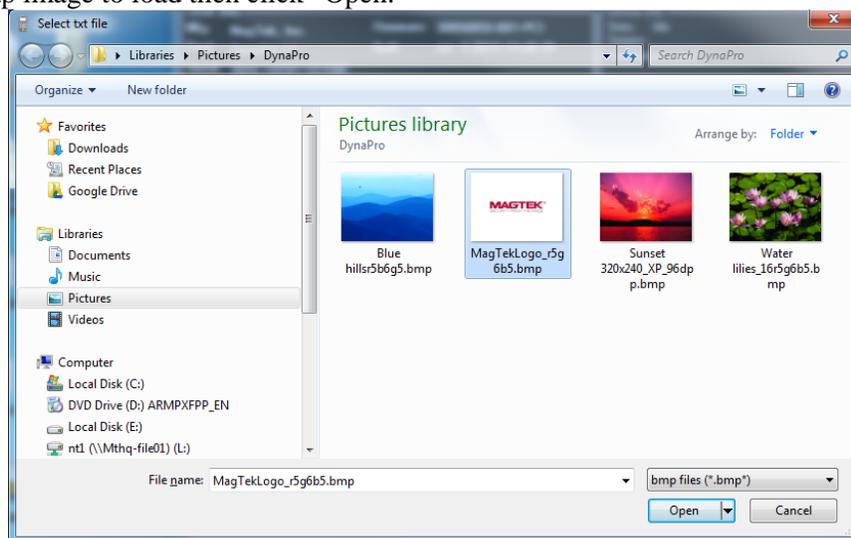


Figure 3.4.a Browse for the image

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Figure 3.4.b Sample images

Image will be loaded into the selected slot, and after the loading, the image in that slot will be set as the default display image on the DynaPro every time the device boot up. You can also change the default display image by selecting images in other slots and click “Set Slot”

During the loading, please don't click on any other button as this may cause an error.

3.5 Wait for upload

Please be patient while the image loads, it will take some time. You will receive an error message if it is not loading correctly, or the image doesn't meet the requirement.