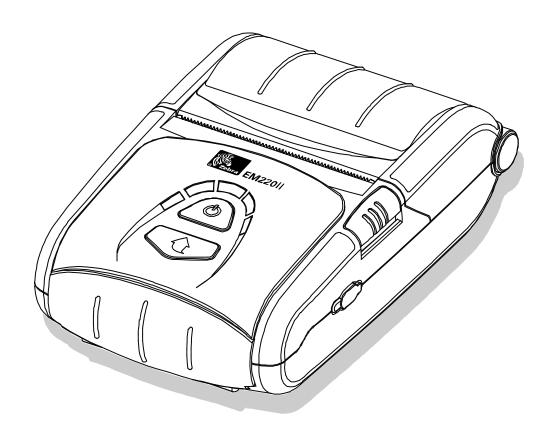


# Mobile Printer iOS Utility Manual



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NOTE: This equipment has been tested and found to comply with the limits or a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Exposure to Radio Frequency radiation. To conform to FCC RF exposure requirements this device shall be used in accordance with the operating conditions and instructions listed in this manual.

NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.

Changes or modifications to this unit not expressly approved by Zebra Technologies Corporation could void the user's authority to operate this equipment.

#### **Canadian Compliance Statement**

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# 1. Manual Information

This manual contains detailed instructions on the usage of the printer utility on iOS-based devices.

At ZEBRA, we maintain ongoing efforts to enhance and upgrade the functions and quality of our products. Therefore, product specifications and user manuals are subject to change without prior notice.

# 2. Operating Environment

#### 2-1 Supported Platform

• iOS 3.1.3 or higher

#### 2-2 Supported Interfaces

The following interfaces are supported:

- Ethernet
- Bluetooth

#### 2-3 Supported Devices

The following devices have been verified to work. It is also compatible with iPod Touch 2G.

- iPhone 3GS / 4G
- iPad / iPad2/iPad mini

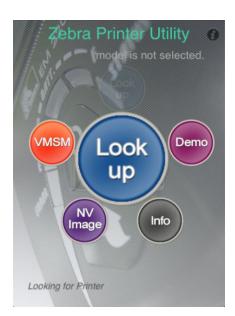
# 3. Utility Usage

#### 3-1 Main Screen

- 1) Run the Utility.
- 2) The following screen will be displayed.



3) When you tap each button once, it will enlarge and move to the center of the screen and its description will appear at the bottom.



- 4) Tap the button in the center one more time to perform the desired function. X All the functions except for Lookup/Info are available for use after the Target Printer is set.
- 5) The functions are as follows:

# 3-2 Utility Version

- 1) Tap the "Info" icon or 🕡 button.
- 2) The version information will display as follows:

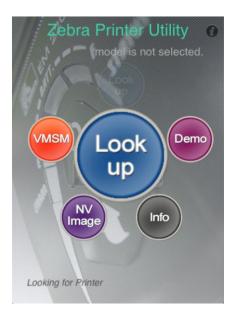




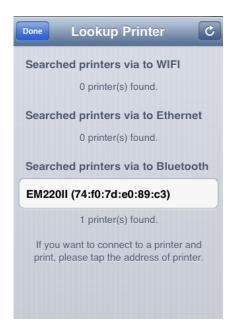
# 3-3 Target Setting

To use the Utility, you need to set the Target Printer.

1) Perform Lookup.



2) From the list of available printers, select the printer that you wish to use.





- 3) The following message will display: "Target is selected". Then, tap the "Done" button to return to the main screen.
- 4) The model number of the Target Printer will display in the top right-hand corner as shown in the image below.

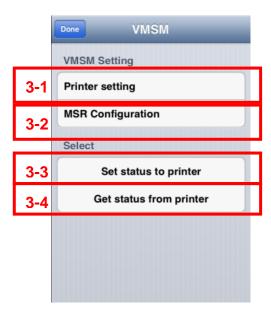


# 3-4 VMSM (Virtual Memory Switch Manager)

1) Launch the VMSM.



2) When the VMSM is launched as shown in the image below, select the item from the menu.



#### 3) View & Change the Settings

#### 3-1) Printer Setting

- You can check and adjust the Power Saving Time, Emulation, Default Font, Printing Speed, and Code Page settings.

Item	Description	
Printer Density	Adjust the print density on the printer.	
Printing Speed	Adjust the print speed.	
Default Code Page	Change the default Code Page.	
Single byte Font Selection	Set the Single byte font.	
	● Font A: 12X24	
	● Font B: 9X24	
	● Font C: 9X17	
Beep for paper end	Select whether to activate a beep sound when the	
	printer is out of paper.	
Beep for low battery	Select whether to activate a beep sound when the	
	battery is low.	
Double byte character mode	Select whether to activate the 2-byte character mode.	
	X The double byte font is available to select on the	
	printer that supports Chinese, Japanese and	
	Korean.	
Auto Power Off Time	Set the idle time before the printer automatically turns	
	off.	
Auto Power Saving Time	Set the idle time before the printer goes into power	
	saving mode.	

#### 3-2) MSR Configuration

- You can check and adjust the MSR configurations.

Item	Description
MSR Trigger Mode	Configure the MSR Trigger Mode.
MSR Data Mode	Configure the MSR Data Mode.
MSR Sentinel Characters	Configure the MSR Sentinel characters.

### 3-3) Set Status of printer

- Tap this button to apply new settings to the printer, otherwise they will be lost.

#### 3-4) Get Status of printer

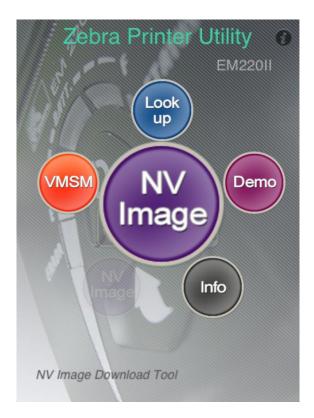
- Check the status of the printer.

#### 4) Quit

Tap the "Done" button to return to the main screen.

#### 3-5 NV Image Manager

Launch the NV Image Manager.





#### 1) Camera

- Activate the Camera mode to take pictures.

#### 2) Get Image:

- Import images from your photo albums.

#### 3) Download

- Download images from the Image View.

#### 4) Refresh:

- Read the memory allocated to the NV areas of the printer.

#### 5) Print:

- Print from the selected memory.

#### 6) Print All:

- Print from all the allocated memories.

#### 7) Remove:

- Delete the selected memory.

#### 8) Remove All:

- Delete all the allocated memories.

#### 3-6 Demonstration

Demonstrate the functions of the printer.



- 1) Tap "Connect to Printer" to connect to the printer.
- 2) Check printer status in real time
  - Select whether to check the status of the printer in real time.
- 3) Text
  - Print the text that is entered.
- 4) Bitmap
  - Print image files.
- 5) Barcode
  - Print barcodes.
- 6) MSR
  - The MSR function is available.
  - The MSR function must be supported by the printer.
- \* The buttons are deactivated if their functions are not available.

#### 3-6-1 Demonstration Menu

- At least one line of line feed characters must be entered to print.
- Select an area of the text to print and tap the Send button.

#### 1) Text

- Print text.



- 1-1) Enter text to print.
  - At least one line of line feed characters must be entered to print all the line.
  - Select an area of the text to print and tap the Send button.
- 1-2) Change the alignment option.
- 1-3) Select the Text Encoding format.
  - KSC5601: Korean language is supported.
  - SHIFT-JIS: Japanese language is supported.
  - BIG5/GB2312/GB18030: Chinese language is supported.
  - Custom: code page can be specified by users.
  - Double-byte fonts (KSC5601 / SHIFT-JIS / BIG5 / GB2312 / GB18030) must be supported by the printer to use them.
  - \* Non-alphanumeric characters in a single-byte font may require custom encoding.
- 1-4) Select the Width / Height of a character.
- 1-5) Change the character attributes.
  - Default: no attributes are specified.
  - BOLD: print in **bold** letters.
  - UNDERLINE: print in underlined letters.
  - REVERSE: print in reversed letters.

- 2) Bitmap
  - Print image.

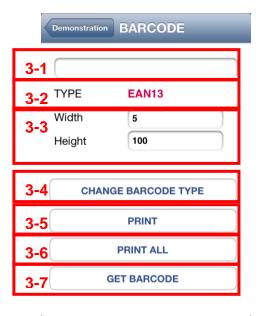






- 2-1) Use the Progress Bar to adjust the brightness level of an image. Sliding it to the right will make the image brighter.
- 2-2) The Progress Bar can be specified. The printed image will be brighter.
- 2-3) Camera: take a picture using the built-in camera.
- 2-4) Get Image: import images from the photo album.
- 2-5) Print: print the selected image.

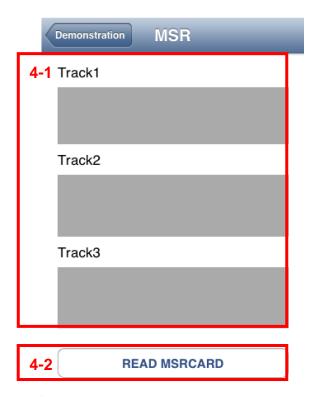
- 3) Barcode
  - Print barcode.



- 3-1) Enter barcode data.
- 3-2) The barcode type will display.
  It can be selected at "3-4) Change Barcode Type".
- 3-3) Width/Height: adjust the Width/Height of a barcode.
- 3-4) The barcode type can be selected among the ones supported by the printer.
- 3-5) Print the barcode.
- 3-6) Print ther all barcodes.
- 3-7) The barcode type/contents can be identified using the built-in camera on your iPhone.

# 4) MSR

- Read MSR card.



- 4-1) The data will display if the MSR card reading is successful.
- 4-2) The MSR read mode will start.