# Application Note:  Wireless Image Printing on a 485 from an iOS Device

1/16/2018 Revision 1

## Introduction

The 485 Image Printing application demonstrates the capability of wireless image printing on a Microcom 485 from an iOS device.  The application allows the user to connect to a Wifi-equipped Microcom 485, select and edit images, and send images to the printer for printing.
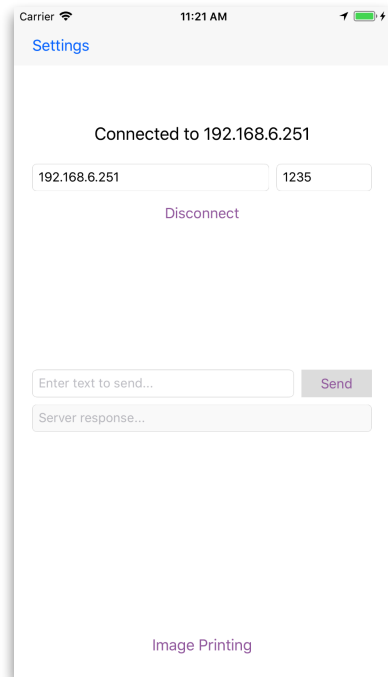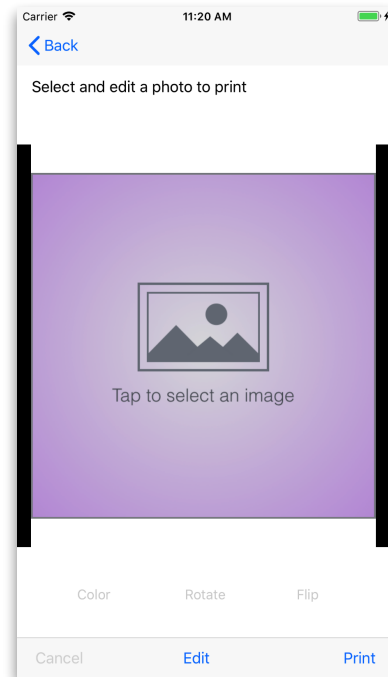


**Figure 1: Device Connectivity**



**Figure 2: Image Printing Screen**

## Key Features Provided

• Swift 4 enables the latest features of iOS and the most up-to-date language specification
• Xcode 9 provides the most complete set of iOS development tools
• Clean and intuitive user interface for connecting and printing to a printer
• Integration with iOS Photos app allows native photo-editing and selection
• Simple send and receive text functionality
• Error reporting if printer is disconnected on print operation

## Constraints

• Supports Wifi interface only
• Communicates with a Model 485 in LDS1 mode only
• Does not offer any printer configuration options