



# **M280 Reference Guide**

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# M280 Reference Guide

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For latest driver and manual you can visit: [http://www.e-seek.com/product\\_m280.asp](http://www.e-seek.com/product_m280.asp)

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## 1. Introduction

The E-Seek M280 allows for the reading and capture of all electronic data while concurrently providing the ability to scan and capture a complete image of both sides of an ID Card or License.

The M280 reads all data from both the 2 Dimensional Barcode (PDF 417) and the Magnetic Stripe utilized on ID cards and Drivers' Licenses. In addition, the ID card or license can be positioned on the scratch proof glass lens of the M280, and with the simple press of a button a full high resolution image (JPEG) of the ID is captured and attached to the data stream.

With the ability to quickly and easily marry the Electronic data to the Image, the Model 280 provides a capability that is being required by an increasing number of applications.

### Ideal For:

- Age Verification
- ID Authentication
- Casino/Gaming
- Check Cashing
- Credit card/POS terminal
- Automatic Data Entry
- Police Patrols
- Vote systems
- Border control
- Law Enforcement
- Kiosks
- Visitor/Lobby management
- Access control
- Passenger check-in
- Department of Motor Vehicles
- Club/VIP/Royalty card

### M280 Major Components

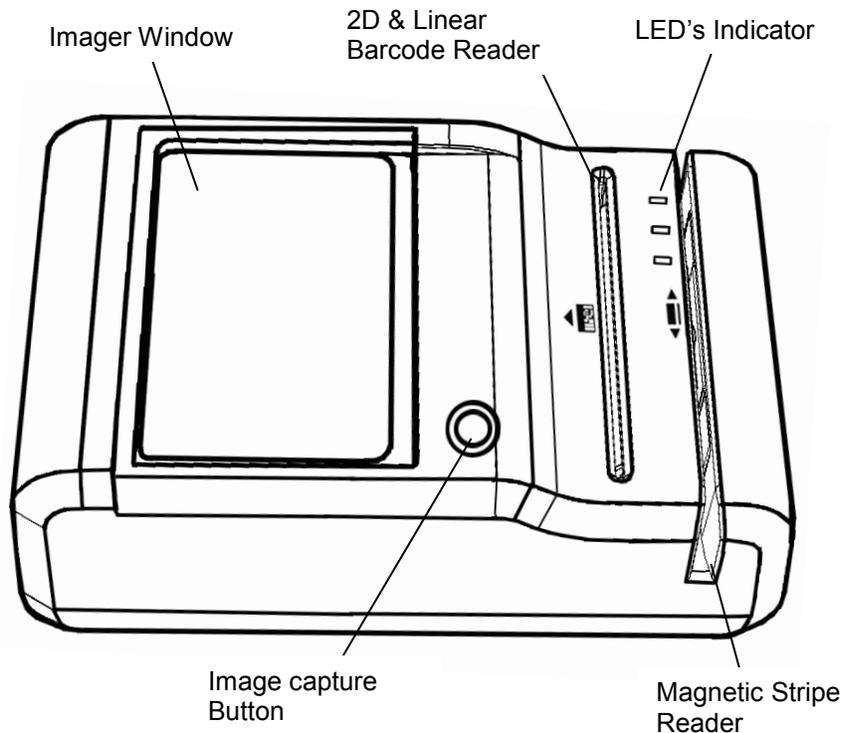


Figure 1-1. Front View

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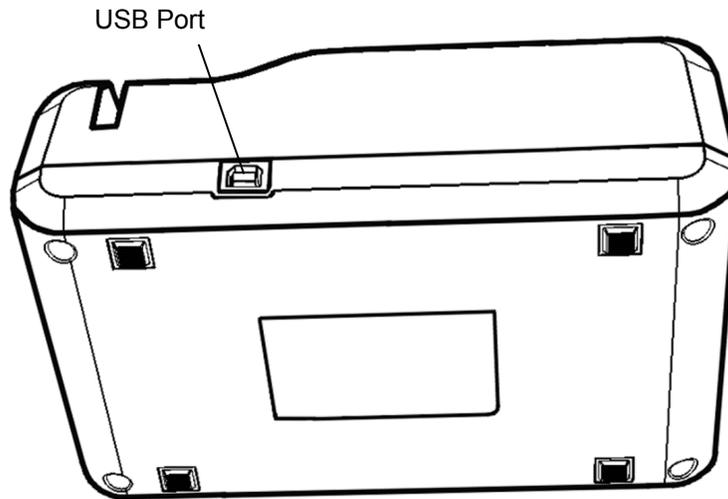


Figure 1-2. Back & Side View

## 2. Product Specifications

<b>Imager</b>	CMOS Image Sensor (272 DPI)
<b>Barcode Reader</b>	2D: PDF417, Linear: CODE 39 & CODE 128
<b>Magnetic Reader</b>	3 Track Magnetic Reader(ANSI, ISO, CDL, AAMVA)
<b>Card size</b>	ISO Standard Size 2.125" x 3.375"
<b>Key</b>	Image Capture button
<b>Weight</b>	0.884 lb (401 grams)
<b>Dimensions</b>	7.11" Length x 4.53" Width x 2.80" Height
<b>Operation Environment</b>	Operating Temperature: 32 to 114 F (0°C to 45°C) Operating Humidity: 10% to 90% (non-condensing)
<b>Connectivity</b>	USB 2.0 High speed (Type B)
<b>Power Supply</b>	USB Power

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## Recommended System Requirements

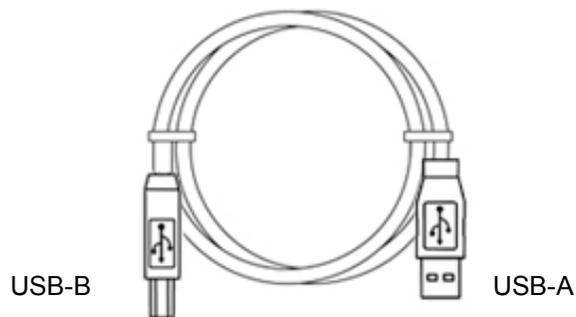
- More than Intel Core 2, or AMD Phenom™ CPU
- More than 2 GB memory
- USB2.0 High speed
- Windows XP with Service Pack 2 or later, Windows Vista, or Windows 7 (32-bit or 64-bit)

## 3. Unpacking M280

The M280 package includes:

- M280 Device
- USB Cable

The M280 is provided with a USB interface cable. This cable allows the M280 to interface with standard USB port on your computer.



**Figure 3-1. USB Cable**

## 4. Getting Started

### Install M280 on the PC

Connect the M280 to the system using USB Cable

**NOTE:**  M280 will automatically install on Windows 7 and Vista.

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If your system is different than above, please do the following:

## 4.1 Download Device Driver from the following link:

[http://www.e-seek.com/product\\_m280.asp](http://www.e-seek.com/product_m280.asp)

Save the zip file into your system and open it. You will see 3 different folders.

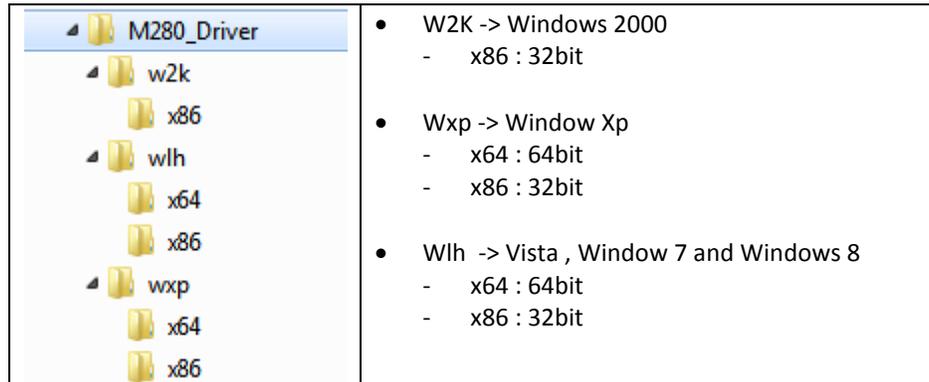


Figure 4-1. Zip Files

NOTE:  Remember where you saved the Zip file. You will need to select it to install the driver.

## 4.2 Install Driver

Make sure the M280 is connected to your system then go to:

**Start > Control panel > Device Manager**

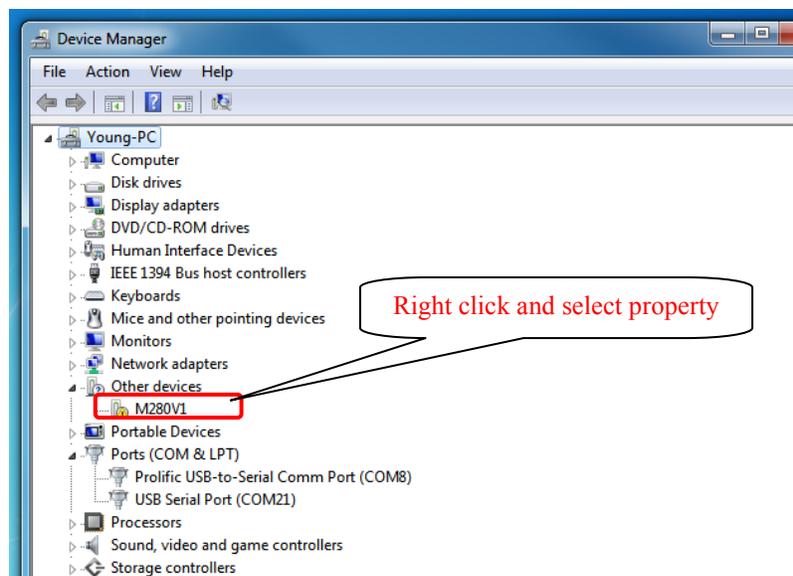
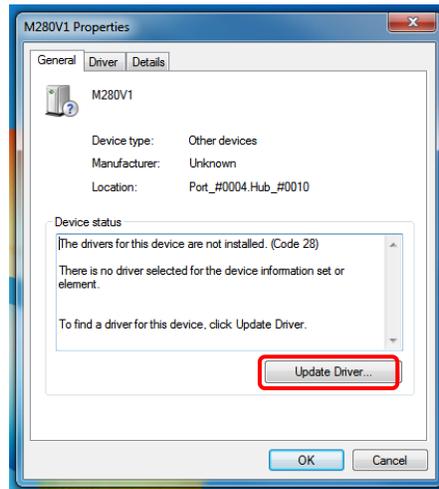


Figure 4-2. Configure Device Manager

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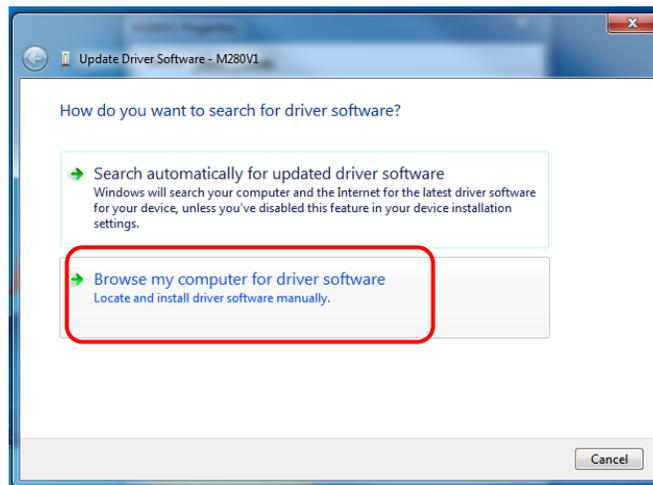
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Select Update Driver



**Figure 4-3. Update Driver**

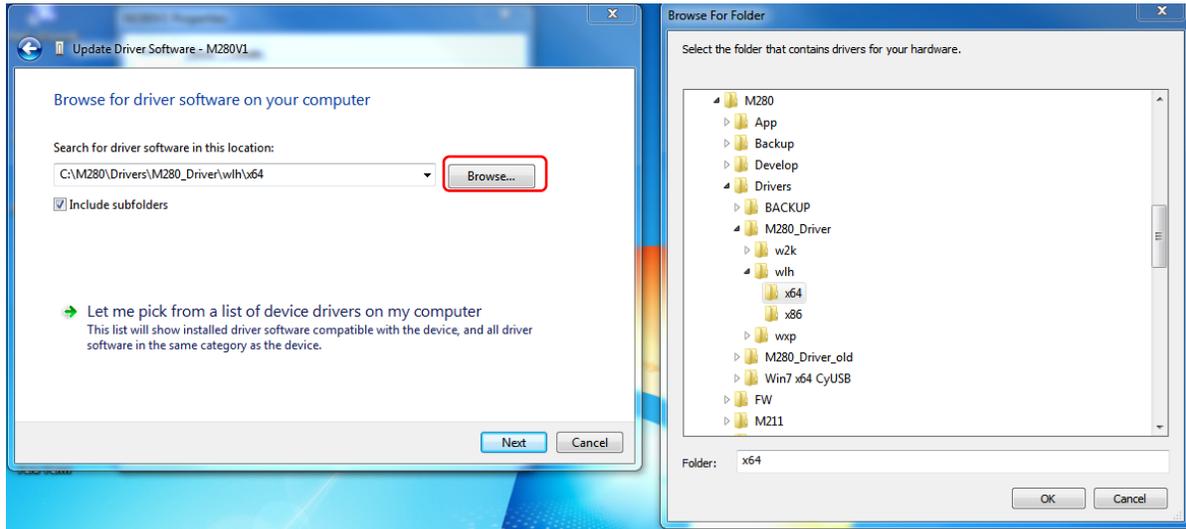
Select "Browse My Computer for Driver Software"



**Figure 4-4. Driver Software**

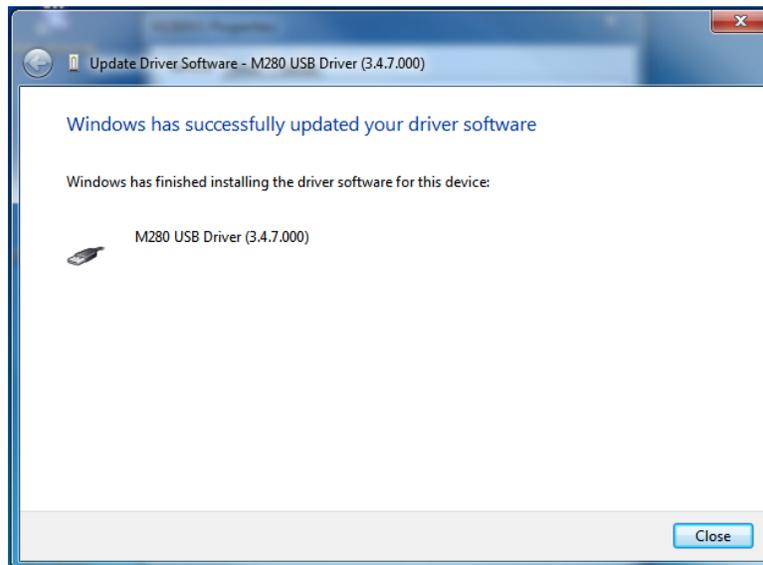
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Select appropriate Device Driver from zip file downloaded from website.



**Figure 4-5. Select Device Driver**

Successfully updated M280 driver.



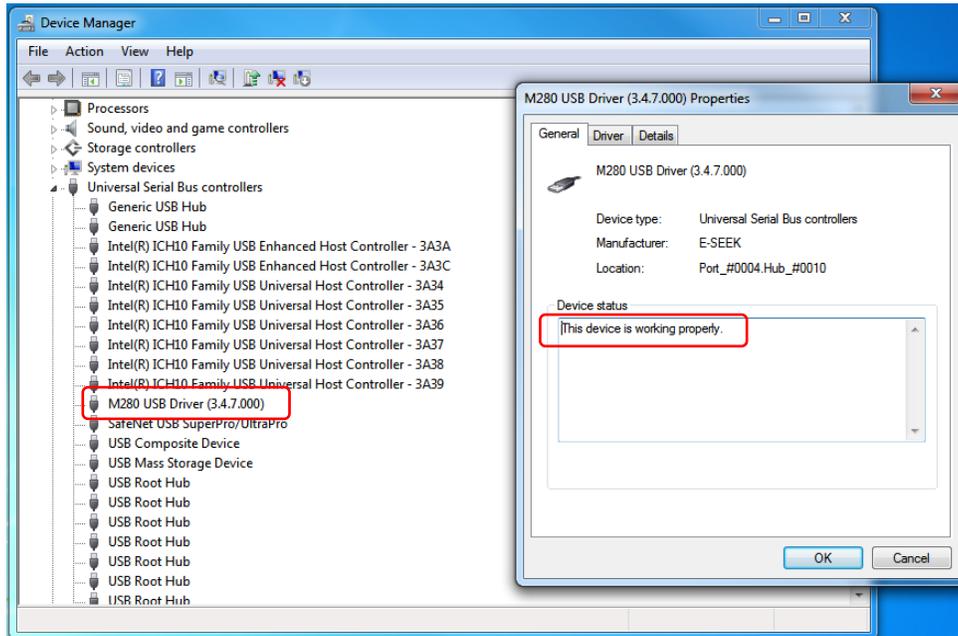
**Figure 4-6. Driver Updated**

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## 4.3 Check for Proper Installation

Go to:

Start > Control panel > Device Manager. Select and open Universal Serial Bus Control, right click on M280 USB Driver and select properties. You will see “This device is working properly”.



**Figure 4-7. Device Working Properly**

Note:  The Windows Vista and 7 are supported automatic driver installation.

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## 5. Using M280

### LED Indicator

The M280 incorporates three LED indicators. These LEDs are assigned to the following functions:

#### 1.1 Scan Status LED

This LED indicates barcode scanner status. Red color means barcode scanner or magnetic stripe reader is in use or processing the read. Green color means barcode scanner or magnetic stripe reader is awake and ready to use.

#### 5.2 Imager Ready Statue LED

This LED indicates Imager ready status. Green color means ready to capture the Image.

#### 5.3 Image Capture Status LED

This LED indicates Imager capture status. Red color means the Image is being captured.

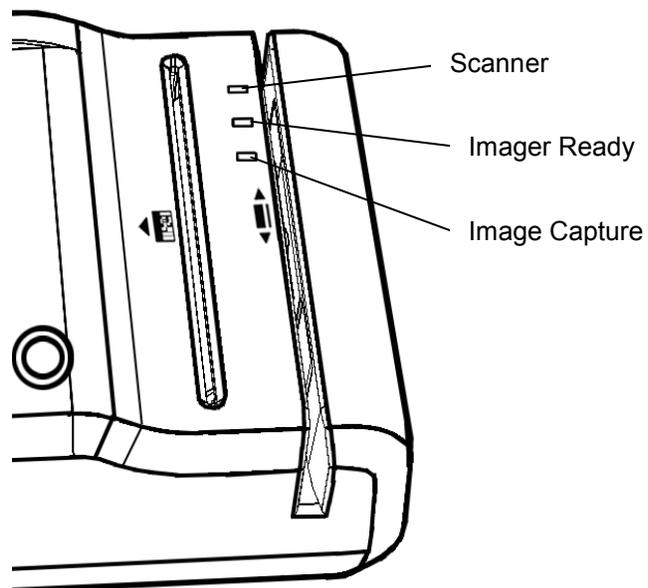


Figure 5-1. LED