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BadgeBuilder® PIC-1 System (Aptika-based)

Your PIC-1 system includes the following

- The *Aptika CamTracer APT-300* digital camera with manual focus lens
 - USB 2.0 cable
 - 9 volt DC power supply
 - Driver installation CD
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Installation Instructions for Windows® XP 32-bit

Before you Begin

- Ensure you are running Windows® XP SP2 or SP3. These installation instructions are for the 32-bit of Windows® XP ONLY.
- Check to be certain you have a free USB 2.0 port on your PC
- Make sure you are logged into the computer with administrator privileges **prior** to installing the camera software.
- Close all application software that is running and before inserting the Lumenera Installer CD into your CDROM drive.
- **DO NOT** connect the camera to the computer before installing the camera software.

Camera Installation Process

1. Insert the provided CD into your PC. The **BadgeBuilder/Lumenera Imago Photo ID** software installation should begin automatically. If it does not, please browse to the CD using Windows® Explorer and run **BBImagoPhotoIDv4.2.0.exe**
2. Click *Next* on each screen of the installer until the installation is complete.
3. Plug the power supply into the wall and insert the barrel-shaped connector into the round receptacle on the camera. Please note that the amber-colored LED on the side of the camera WILL NOT come on at this point
4. Plug the provided USB cable into the PC and into the USB receptacle on the camera
5. Your PC will detect the new camera in 2 stages:
 - a. The first stage detects the camera as a **Lumenera Unconfigured Device**. If prompted, select **Install the software automatically** from the options that are presented to you and click **Next**. If a warning appears during this stage that indicates that the drivers have not been digitally signed by Microsoft, please click **Continue Anyway**. The installation will complete and close.
 - b. When the first stage is complete, the second stage should begin immediately. During this stage, the camera will be detected more specifically as a **Lumenera USB 2.0 Camera**.

When prompted, select **Install the software automatically** from the options that are presented to you and click **Next**. A warning may appear notifying you that the drivers have not been digitally signed by Microsoft. Click **Continue Anyway** to continue with the driver installation. Click Finish to complete the installation.

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6. Confirm that the amber-colored LED on the side of the camera is lit. If it is, the camera is ready to use!

Troubleshooting: Lack of Video Preview in Windows XP

If you find that you can take pictures with the camera but get no preview image, you will need to install a driver update. To do so, please follow these instructions:

1. Unplug the USB cable from the computer
2. Insert the provided CD into your PC. Browse to the CD using Windows® Explorer and run **PhotoIDv5.0.0.exe**
3. Plug the USB cable back into the PC
4. Windows® will now detect a **Lumenera Photo-ID Camera**. When prompted, select **Install the software automatically** from the options that are presented to you and click **Next**
5. The update is now installed. The amber light should be lit on the side of the camera and you should now have live preview when accessing the camera to take a picture.

Installation Instructions for Windows® 7 32- & 64-bit

Before you Begin

- Ensure you are running Windows® 7. These installation instructions are for the 32-bit & 64-bit versions of these operating systems ONLY.
- Check to be certain you have a free USB 2.0 port on your PC
- Make sure you are logged into the computer with administrator privileges **prior** to installing the camera software.
- Close all application software that is running before inserting the Lumenera Installer CD into your CDROM drive.
- **DO NOT** connect the camera to the computer before installing the camera software.

Camera Installation Process

1. Insert the provided CD into your PC. The **Photo ID Software v5.0** software installation should begin automatically. If it does not, please browse to the CD using Windows® Explorer and run **PhotoIDv5.0.0.exe**
2. Click *Next* on each screen of the installer until the installation is complete.
3. Plug the power supply into the wall and insert the barrel-shaped connector into the round receptacle on the camera. Please note that the amber-colored LED on the side of the camera **WILL NOT** come on at this point.
4. Plug the provided USB cable into the PC and into the USB receptacle on the camera
5. The computer will detect new hardware, but will FAIL to install it automatically. This is NORMAL. You may close any notification windows or bubbles that appear.
6. Click the Windows "Start"/"Logo" button in the bottom left corner of the screen.

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7. In the menu that appears, select "Control Panel" from the right-hand column
8. If you are using the Category view in the Control Panel, click "Hardware and Sound", otherwise double-click on "Device Manager" and skip to step **10**.
9. In the "Hardware and Sound" category, click "Device Manager" under the "Devices and Printers" heading
10. In the Device Manager, there will be a number of different types of devices. Look for a type called "Other Devices". It may already be expanded with an "Unknown Device" listed.
11. Double-click on the "Unknown Device". The "Unknown Device Properties" window should appear
12. Click the button labeled "Update Driver..."
13. In the "Update Driver Software" window, click on the "Browse my computer for driver software" option
14. In the "Browse for driver software on your computer" window, click on the "Let me pick for a list..." option
15. In the list that appears, scroll down to "Imaging Devices" and double-click on it
16. A list of manufacturers and models will now appear. In the left-hand column, scroll down to "Lumenera" and click on it.
17. In the right column, Lumenera-specific hardware will appear. Double-click on "Lumenera Unconfigured Device Version: 1.5.19.91 [5/27/2011]" in the list.
18. When prompted with the "Update Driver Warning" window that indicates, "...Windows cannot verify that it is compatible with your hardware..." just click the "Yes" button.
19. The "Installing software" screen should appear followed by a screen that indicates Windows has finished installing the device driver for the "Lumenera Unconfigured Device"
20. Click the "Close" button.
21. Windows will now automatically do the second stage of detection in which the camera is fully installed as the "Lumenera Photo-ID Camera". You should be alerted to this by a "balloon" window coming from the bottom right of the screen.
22. Close the Device Manager by clicking on the X at the top-right of the window.
23. Confirm that the amber-colored LED on the side of the camera is lit. If it is, the camera is ready to use!