Installation Guide

FA50

Version: 1.0

1. Operation Instructions

1. The device has two USB plugs, as shown in the below Figure 1-1.
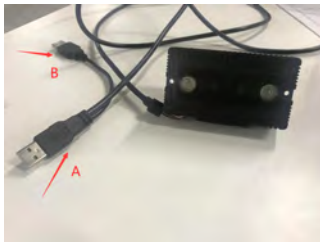

Figure 1-1

Figure 1-2

Insert the USB cable "A" of FA50M into the USB port situated on the host's back, as shown in Figure 1-2.

2. Right-click on My Computer > Properties > Device Manager.

As shown in the figure below, if "Imaging devices" and "libusb-win32 Usb Devices" appear, users can continue using the same device. But if "Imaging devices" and "libusb-win32 Usb Devices" did not appear, it means that the device did not get connected appropriately.

Note: Generally, it is due to the insufficient power supply of the USB. Just insert the USB cable "B" into the USB port of the host.
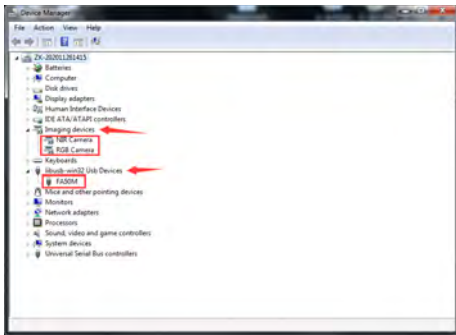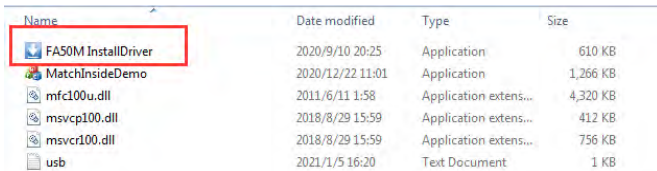

Figure 1-3

2. **Steps to Run Demo for the First Time on Windows**

Driver Installation

Double-click and open the "FA50 Demo" file, then click "FA50M InstallDriver" to install the driver, as shown in Figure 2-1.

Name	Date modified	Type	Size
FA50M InstallDriver	2020/9/10 20:25	Application	610 KB
MatchInsideDemo	2020/12/22 11:01	Application	1,266 KB
mfc100u.dll	2011/6/11 1:58	Application extens...	4,320 KB
msvcp100.dll	2018/8/29 15:59	Application extens...	412 KB
msvcr100.dll	2018/8/29 15:59	Application extens...	756 KB
usb	2021/1/5 16:20	Text Document	1 KB

Figure 2-1

On the Installation window, click "Next", as shown in Figure 2-2.
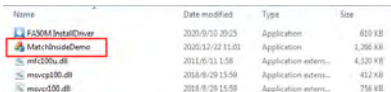

Figure 2-2

Then click "Finish" to successfully install the driver.

Figure 2-3

3. Demo Test Process

1. Double-click and open the "FA50 Demo" file, and then open the Demo Test software, as shown in Figure 3-1.

Name	Date modified	Type	Size
FA50M InstallDriver	2020/9/10 20:25	Application	610 KB
MatchInsideDemo	2020/12/22 11:01	Application	1,266 KB
mfc100u.dll	2011/6/11 1:56	Application extens...	4,320 KB
msvcp100.dll	2018/8/29 15:59	Application extens...	412 KB
msvcr100.dll	2018/8/29 15:59	Application extens...	756 KB

Figure 3-1

2. On the Demo Test software, firstly click "Open" to open the UVC camera. The camera gets opened successfully only if "Camera opened" gets displayed. Then the camera successfully captures the image and displays it, as shown in Figure 3-2.
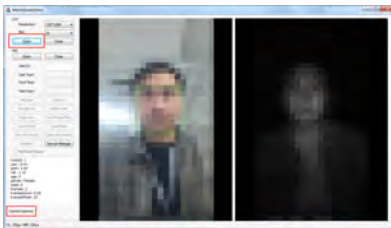

Figure 3-2

Secondly, as shown in Figure 3-3, click "Open" to open HID, and "HID opened" will get displayed, which means the HID opened successfully.
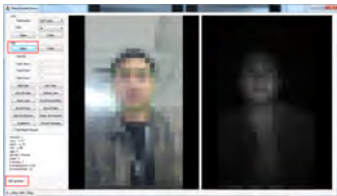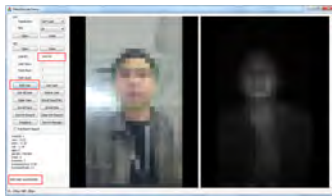

Figure 3-3

Figure 3-4

3. Next, enter the registrant ID in the "User ID" field, then aim your face at the camera, and click "Add User" to register the user ID.

And as shown in Figure 3-4, if "Add User successfully" appears, it means that the user ID is successfully registered.

Click "Enroll face" to register face, and if "Enroll face successfully" gets displayed, it means that face registration is successful.
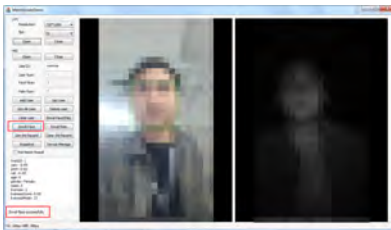

Figure 3-5

As shown in Figure 3-6, the software displays the recognized registration ID's username, and thus the recognition process is complete.
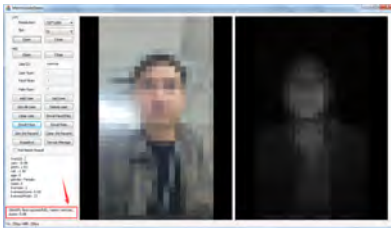

Figure 3-6

To clear the user, click the "Clear User" button, and if " Clear User successfully" gets displayed, it means that the user removal is successful.
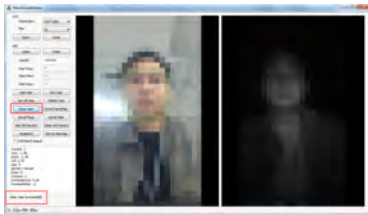

Figure 3-7

4. Precautions

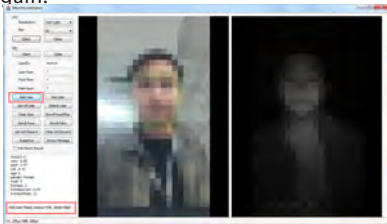1. If the registration gets failed, click "Clear User" to clear the user and register again.

Figure 4-1

2. When clicking "Open" to open HID, and if "No device found" gets displayed, carry out the following solutions.

- Insufficient power supply, plug in two USB ports.
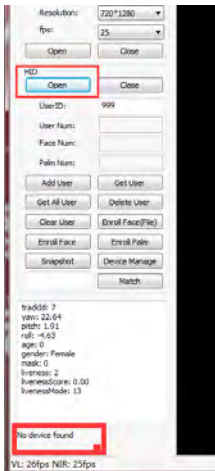- The driver did not get installed successfully, repeat the steps of the driver installation process.

Figure 4-2

3. Technical Parameters

Windows Edition	Windows7
Processor	Intel® Pentium(R) CPU G3220 @ 3.00GHz 3.00 GHz
Supported Operating System	Windows , Linux , Android
Installed Memory (RAM)	4.00GB
System Type	64-bit Operating System

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