

EIAP3000 (Enterprise Iris Authentication Platform)



# JEP3000 for JES

(Jiris Eyei Program )

## Software Installation & User Manual

### <Caution>

You should install it to the place that there are not a lot of moistures or rain to prevent from danger of fire and electric shocking, to avoid. Also, you can not disjoint it randomly, please ask the JIRIS customer service center when need.

## FCC Compliance

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:  
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE,  
AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE  
RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE  
UNDESIRE OPERATION

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

## USER INFORMATION

This equipment has been tested and found to comply with the limits for 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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.


EIAP3000 (Enterprise Iris Authentication Platform)

## IRIS Authentication System EyeNAccess<sup>TM</sup>

**EyeNAccess<sup>TM</sup>**  
( For Physical Access Control )

**Enterprise Iris Authentication Platform**

### Software Installation Manual

		Product Name	EIAP engineering sample	
		Software Version	Version	Date
TEL	+82.2.541.0173		Version 2.0	2003-09-22
				2003-10-06
FAX	+82.2.541.0174			2004-10-01
E-Mail	sales@jiritech.com			2005-08-10
Homepage	http://www.jiritech.com			
1F Atrium Bldg. 30 Samsung-Dong Gangnam-Gu, Seoul 135-090, KOREA		Document Number	JNA030201E	
		Revision History	1st: 2003-10-06, 2nd : 2004-10-01 3rd: 2005-08-10	

#### <CAUTION>

You should avoid the place, which is exposed to both moisture and rain for a protection against a fire and electronic shock. And it is not allowed to break up and analyze at will. If you need to do it, it would be grateful for you to inquire to the customer support center by calling at (+82.2.541.0173).

## Getting Start

### Check List

- √ **Recommend PC Server:** Pentium IV 3.0 GHz  
512 MByte RAM  
350W Power Supply  
ATI Radeon 9200SE 128MByte  
Windows XP or Windows 2003  
(Not Provided)

- √ **USB Connector**



- √ **JEC3000**



USB Connector



**Note 1:** Please Do not Connect USB "before the software and driver's installation are completed."

**Note 2:** Connect the USB always same port otherwise the Server will be looking for another driver installation.



## 1. Install EIAP sample software

### 1.1 Installation of Devices driver

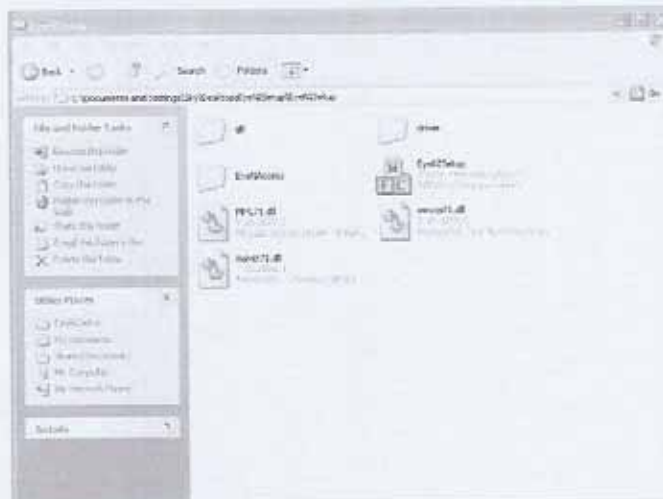
The EIAP software package includes the software needed to get iris images from the JEC2000. Just insert the installation CD into CD-Rom Driver, then installation automatically installs all the drivers.

Please, Close all applications, and disable any virus detection before the installation.

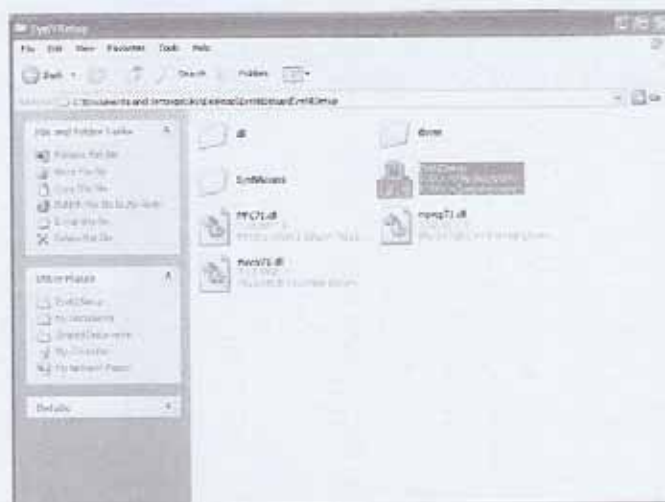
You can use right after installation without any setting-up and it takes about 10 minutes to install. After the JEC2000 is set up., you should reboot your system.

✳ Please DO NOT connect USB connector until this installation is completed.

#### 1) Insert the installation CD into CD-ROM Drive.



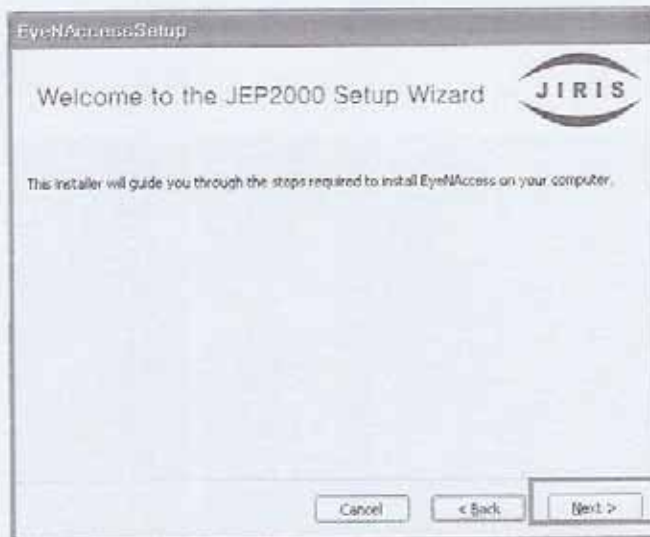
<Picture 1 >



Double Click the EyeNISetup icon.

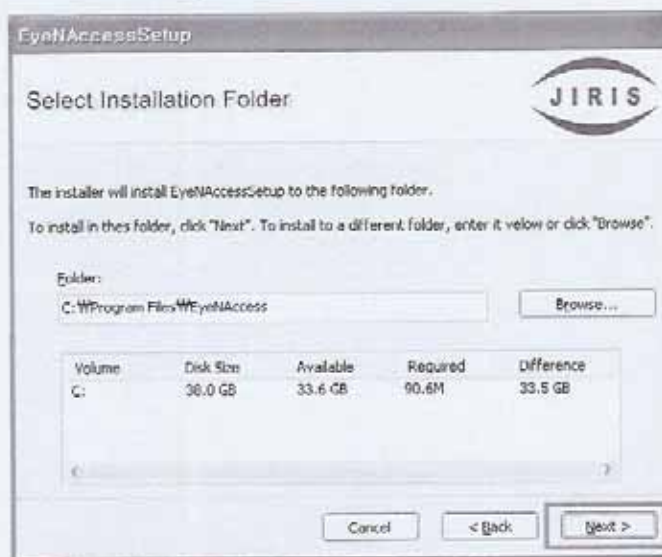
EIAP3000 (Enterprise Iris Authentication Platform)

- 2) The installer will guide you through the steps required to install EyeNAccess.



<Picture 2 >

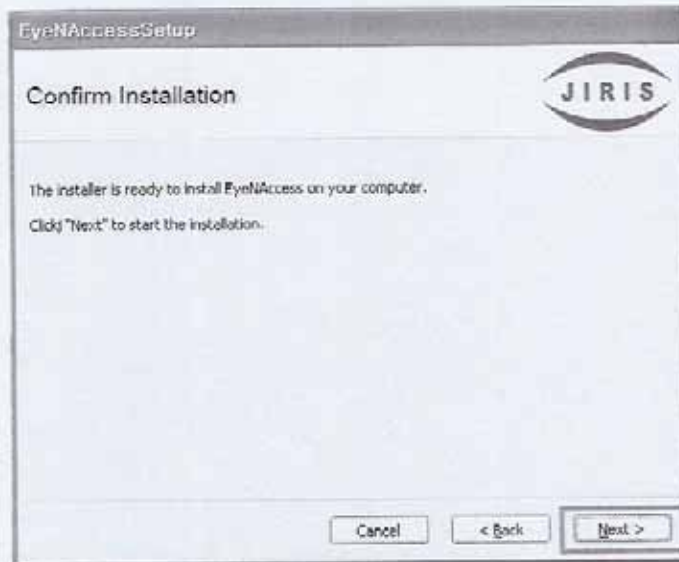
- 3) If the EyeNAccessSetup wizard appears, choose the installation directory and go to Next (Recommend to stay with the default directory).



<Picture 3 >

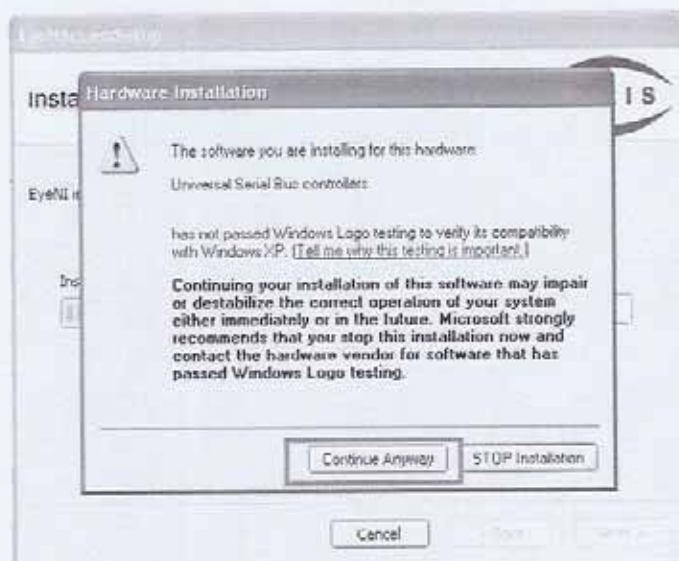
EIAP3000 (Enterprise Iris Authentication Platform)

4) Now the installer has been ready to install all the Drivers, So Click "Next" button.



<Picture 4 >

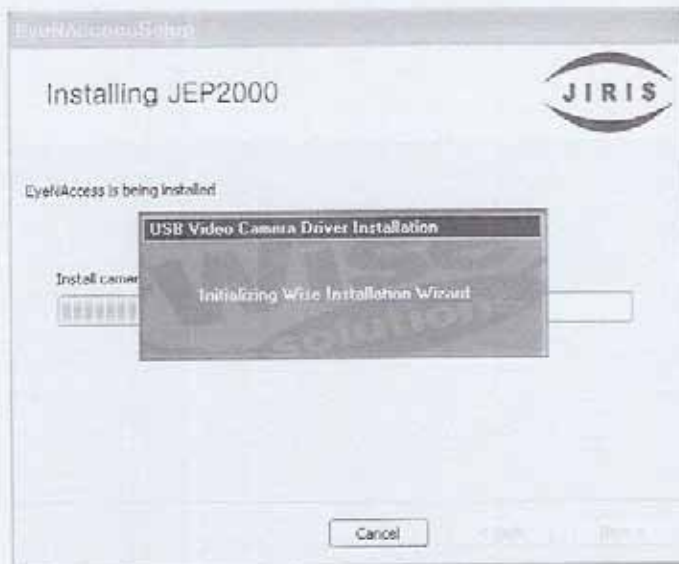
5) You may see the warning message about "unsafe" software. Just click "Continue" button to proceed the installation.



<Picture 5 >

EIAP3000 (Enterprise Iris Authentication Platform)

6) It takes a few minutes to install a camera driver.



<Picture 6 >

7) After selecting "language" for a camera driver (Select English), Click "Ok" button.



<Picture 7 >



EIAP3000 (Enterprise Iris Authentication Platform)

8) Video Camera installation, select "OK" to proceed



<Picture 8 >

9) Click "OK" button to proceed to the following stage.



<Picture 9 >

The installation of the USB video Camera drivers has completed successfully.

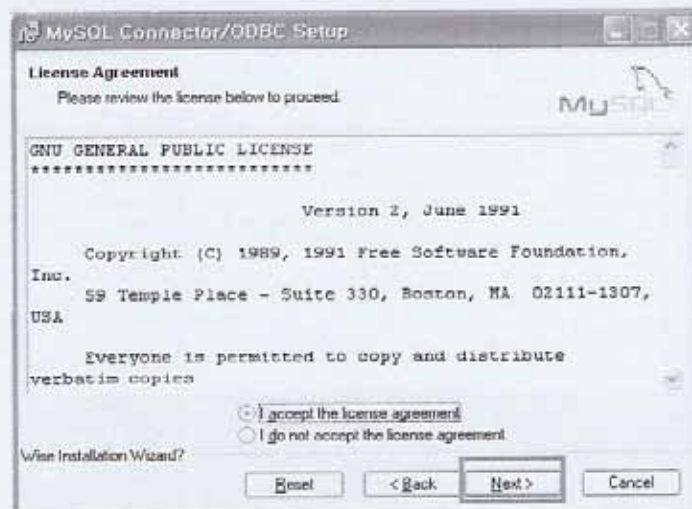
EIAP3000 (Enterprise Iris Authentication Platform)

- 10) If The "MYSQL" DBMS Setup wizard appears, you can start the installation by clicking "Next" button.



<Picture 10 >

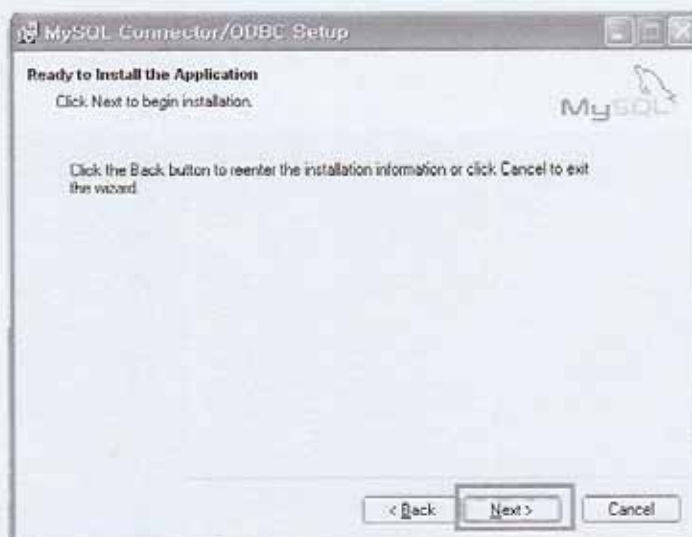
- 11) Check "accept" to accept the license agreement and Click "Next" button.



<Picture 11 >

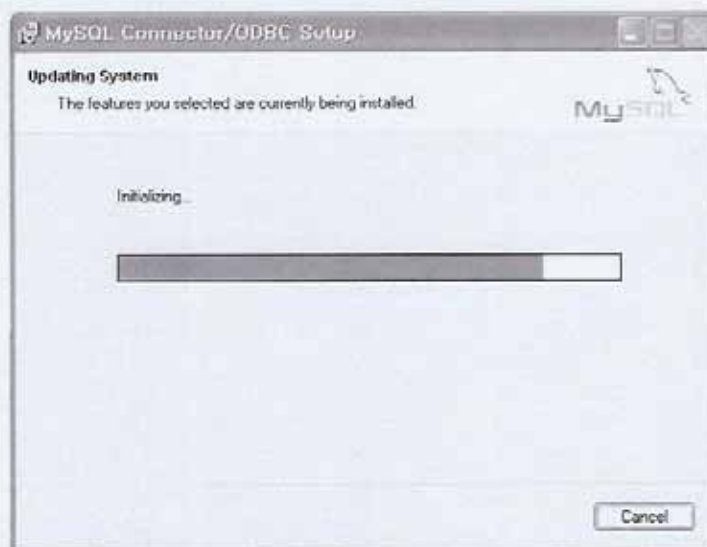
ELAP3000 (Enterprise Iris Authentication Platform)

12) Click "Next" button to begin the installation of "MYSQL" DBMS.



<Picture 12 >

13) It takes a few minutes to setup MySQL Connector/ODBC.



<Picture 13 >

ELAP3000 (Enterprise Iris Authentication Platform)

14) MySQL Connector/ODBC has been successfully installed.



<Picture 14 >

15) All the installations have been successfully completed.  
Click "Close" to exit.



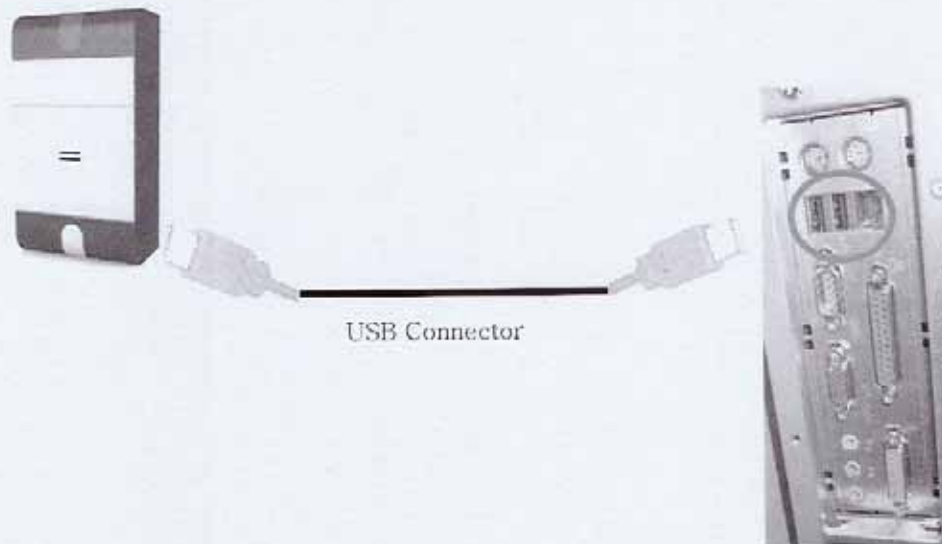
<Picture 15 >

⚙ After this installation is completed, connect JEC3000 to USB port.  
This will take few seconds to install drivers for JEC3000



### **Connecting Iris Camera**

**Please make sure that you connect USB port between Camera and Server.**



**After the connection, you will see few messages looking for EyeNI Drivers. It may take few minutes. Please wait and precede next steps.**

16) Next window will be showing when you connect USB port.

<Important>

Choose "Install the software automatically [Recommended]" to install Driver automatically.

If the driver is not installing automatically, then you will need to choose "Advanced" and find the driver by browsing. (See trouble shooting #4 for more detail)



<Picture 16 >

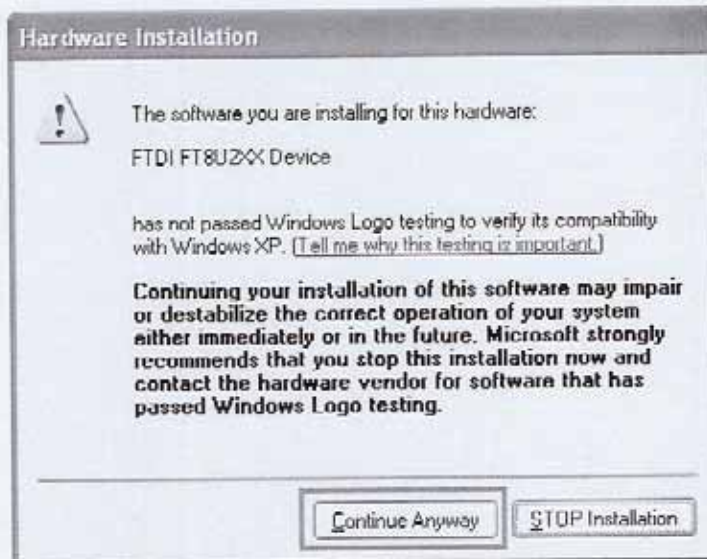
17) Installing driver automatically



<Picture 17 >

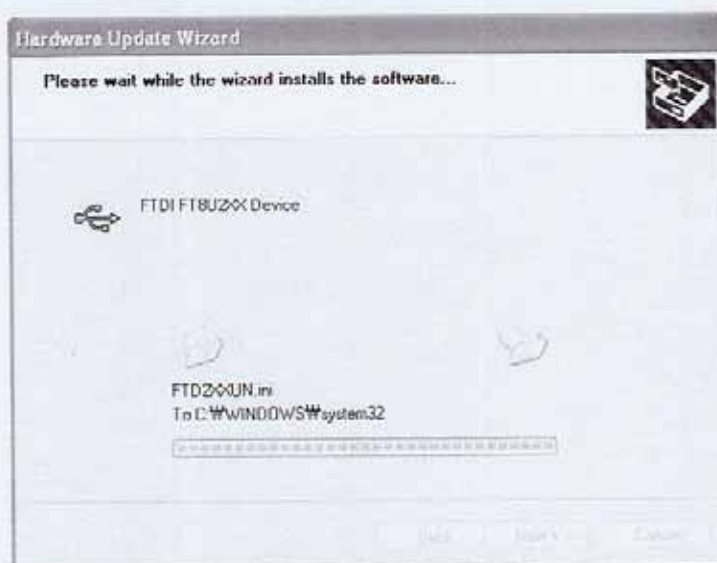
ELAP3000 (Enterprise Iris Authentication Platform)

18) You will be asking to test for the driver then ignore and click "Continue Anyway"



<Picture 18 >

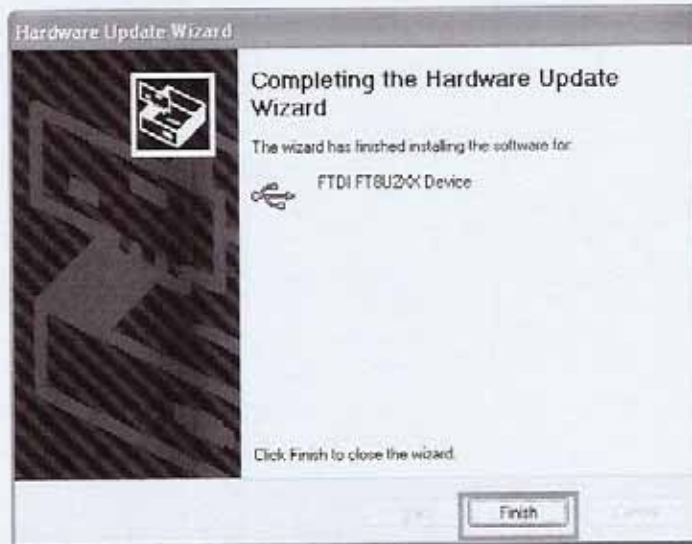
19) It will be installing "FTDI FT8U2XX device" driver automatically.



<Picture 19 >

EIAP3000 (Enterprise Iris Authentication Platform)

20) Installing driver complete. Click "Finish"



<Picture 20 >

**Software and Driver's installation COMPLETED.**



ELAP3000 (Enterprise Iris Authentication Platform)

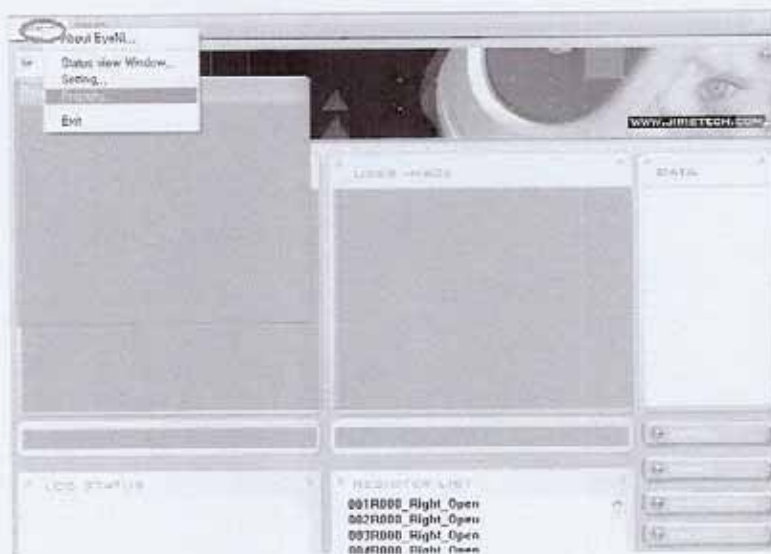
## 2. Icon validation for EyeNI

If the installation of EyeNI has been completed, You can find the shortcut icon named the EyeNI on the background of window.



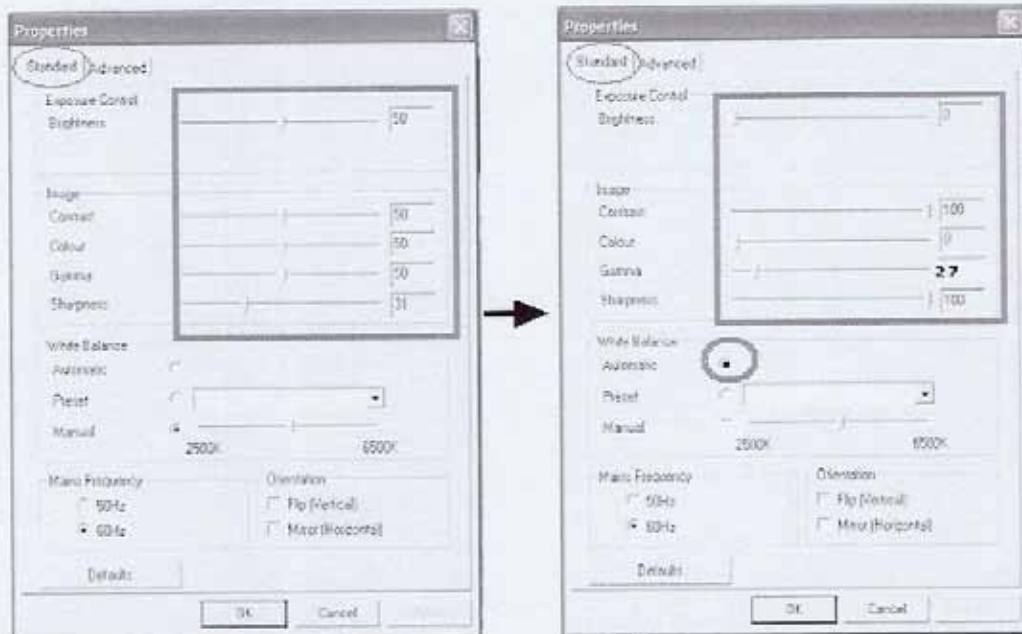
## 3. Setting the properties

Go to "Properties" by clicking right mouse button as showing below:

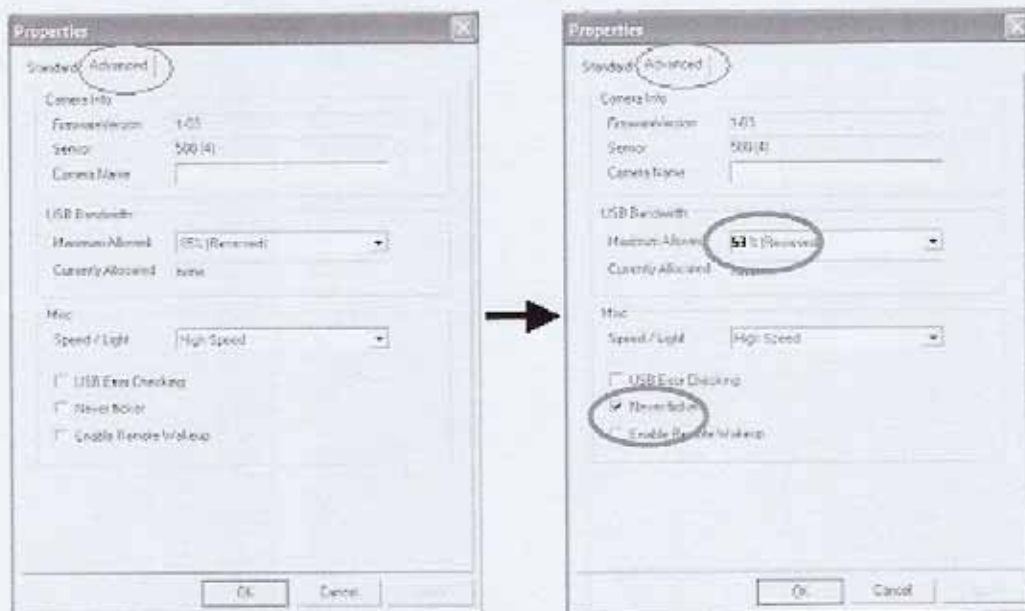


## EIAP3000 (Enterprise Iris Authentication Platform)

a) Standard: Please change the Gamma value "27"

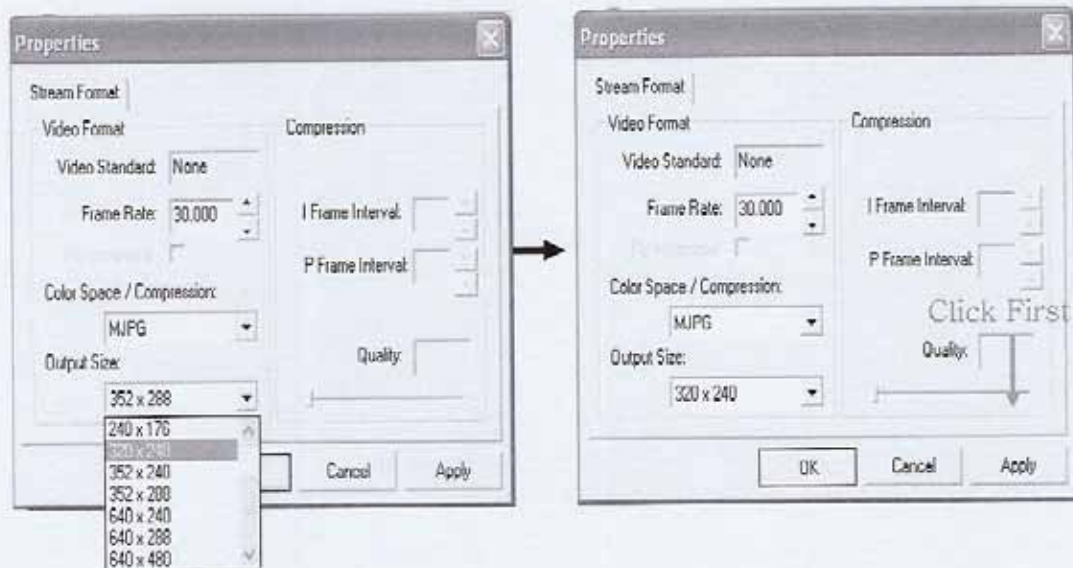


Advanced: USB Bandwidth -> Maximum Allowed -> 53%  
Check "Never flicker"



EIAP3000 (Enterprise Iris Authentication Platform)

b) Select Output menu as 320X240 and you MUST click **Apply** and then **OK**;

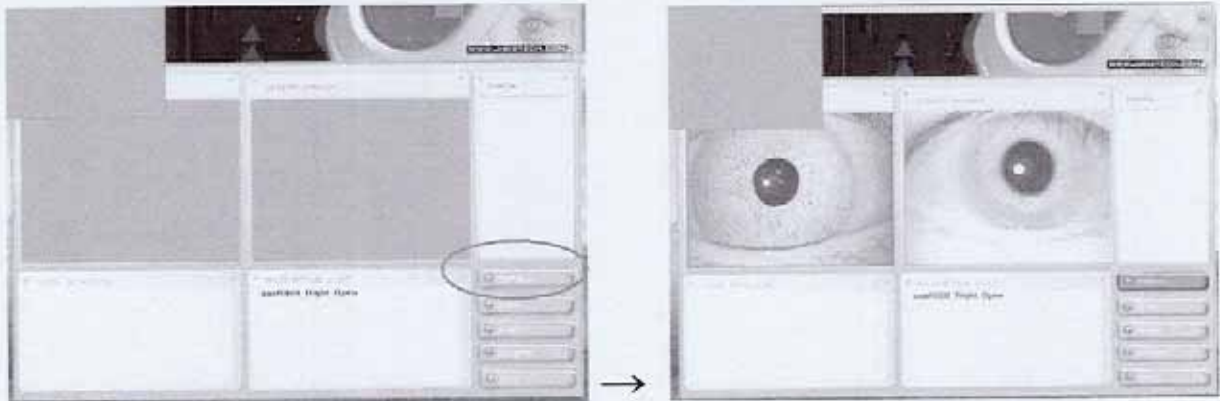


**Now the system is ready to use.**

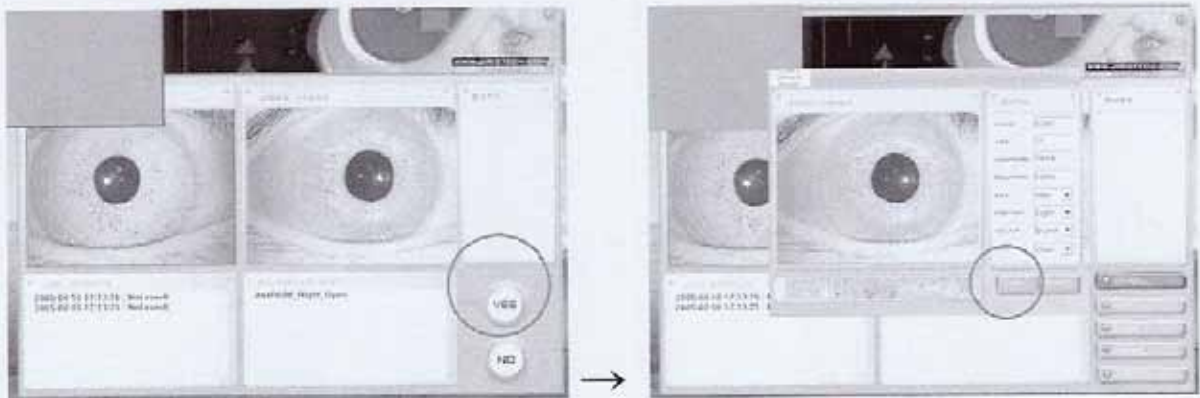
**If you face any difficulties, please visit our web site <http://www.jiristech.com>  
or email at [techSupport@jiristech.com](mailto:techSupport@jiristech.com)**

## 4. Operating EyeNI program

### 4.1 Enrollment



**Click "Enroll" button start. Align your eye to the mirror (30 cm.) and move forward**



**If you have good image, the Click "YES" button (left) and enter the user information (right) and click "OK" (right)**

**Enroll Twice ( same process )**



EIAP3000 (Enterprise Iris Authentication Platform)

#### 4.2 Identification process.



**Click Start button. Align your eye to the mirror (30 cm.) and move forward**