

# MONITEX

## Moni CAM Intraoral Camera (PX-130)

### TROUBLESHOOTING:

When failure or error occurs, please refer to following solutions to check the device. If problems remain, please contact your dealer.

Description	Solution
The camera does not light on.	<ol style="list-style-type: none"><li>1) Press "On / Off" button.</li><li>2) Check if the camera cable is connected correctly.</li></ol>
No image on PC screen	<ol style="list-style-type: none"><li>1) Check if the cable is connected correctly.</li></ol>
Stains on the image	<ol style="list-style-type: none"><li>1) Clean the camera lens.</li><li>2) If stains cannot be eliminated, please contact your dealer.</li></ol>
Blurred or shadowed image or signal disturbance	<ol style="list-style-type: none"><li>1) It is normal if it appears in the first minute for warming up.</li><li>2) Exit the software for resetting.</li></ol>
No image on the still image window	<ol style="list-style-type: none"><li>1) Be sure to have installed the correct driver</li><li>2) Click the button "Image Source" to see if the correct driver selected.</li></ol>
The image no stays still when the "Freeze" button pressed	Connect the intraoral camera to your pc then install the driver again

## **SPECIFICATIONS:**

Dimension (L*W*H):	20.5×2.5×2 cm
Weight:	57 gm
Resolución:	1280*960
TV System:	NTSC or PAL
Optic:	Sony Super HAD color 1/4 CCD
Cable Length:	2.5 m
Illumination Source:	6 Ultra-bright white LED light source
Image out:	USB only
Warranty	1 year

## **OPERATION:**

1. Please properly connect and install MoniCAM. Ensure the settings are complete.
2. Please install Software and Driver (See Software & Driver Installation). Then open "Monitex Soft Image" (See Software Application).

## **Important!**

**Please restart the PC after Software and Driver installation.**

3. Press "on/off" button to power on the camera (LED light of the camera will be on). The image will be displayed on the screen.
4. We suggest you to use the attached disposable plastic sheath (barrier) for protection during operation

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## PREFACE:

1. Thank you for choosing MoniCam Intra-Oral Camera for your advance integration. Prior to using MoniCAM Intraoral Camera, please read this User Manual carefully and keep it well preserved for future reference.
2. Please stop using this product if any damage or problem occurs! Attempt to try and repair this unit by unauthorized technician personnel WILL automatically lead to forfeit and negation of the warranty agreement.
3. The specifications are subject to change and revision without prior notice.

## DISCLAIMER :

1. We shall not assume any responsibility if any malfunction or damage was caused by improper operation, removal, modification or maintenance.
2. We shall not assume any responsibility if any malfunction or damage was caused by operating under unsuited environment.
3. We shall not assume any responsibility if any malfunction or damage caused by forceful majeure.
4. We hold the right to explain for the given cause of the Defective products which might have been caused by natural disasters or abnormal temperature, humidity that is inconcurrent to the guidance instructed in this manual.

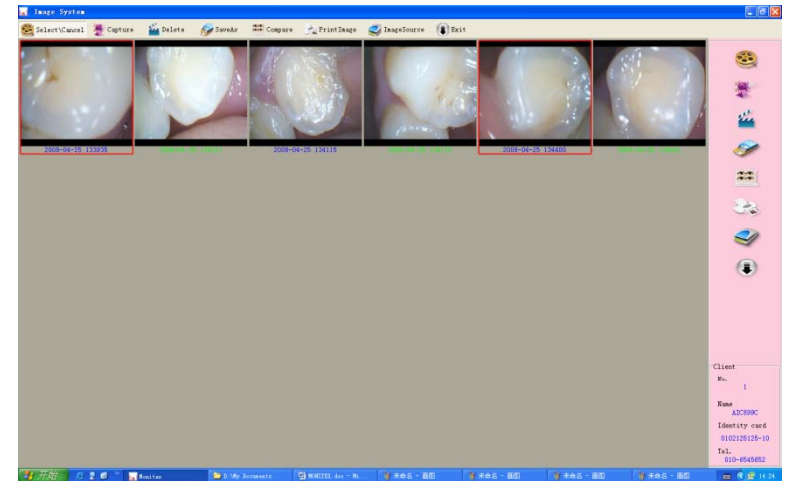
## PRECAUTIONS & CAUTIONS:

1. The intraoral camera should not be autoclaved. Please clean it with mild detergents or disinfectants.
2. Please use the attached disposable plastic barrier (sheath) for protection when operating.
3. Do not touch the connectors with conductive material such as metal or with moisture to avoid short circuit or possible damages.
4. Do not disassemble the device by yourself, which would cause unexpected damages.
5. Do not press the device or the accessories such as cables to avoid any damage.
6. Please disconnect the power cord if this camera will be left idle for some time.

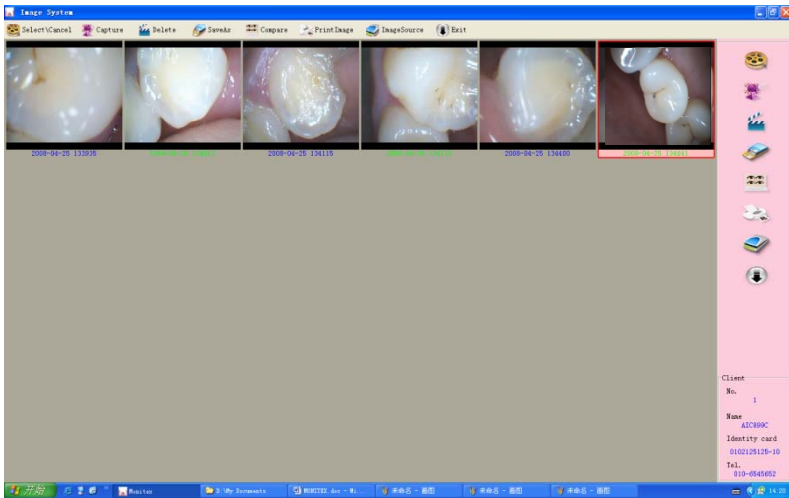
## WORKING ENVIRONMENT:

1. Please install this device in a dried environment. Do not expose the unit to direct sunlight. Do not conduct installation in a dusty or humid environment or under the improper temperature (please see operating environment)
2. Operating environment: Ambient temperature:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ . Relative Humidity: 30% ~ 90%
3. Transportation and storage environment: Ambient temperature:  $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$  Relative Humidity: 10% ~ 90%

**Step 7.** To compare saved images, please click “Select / Cancel”. Highlight the image that you needed in “Red Box” and then click “Compare”. (Compare the 1<sup>st</sup> & 5<sup>th</sup> images ) (You can choose 4 images at most to do the comparison at the same time.)



**Step 6.** To have a full screen of a saved image, please highlight the image and click “Compare”.



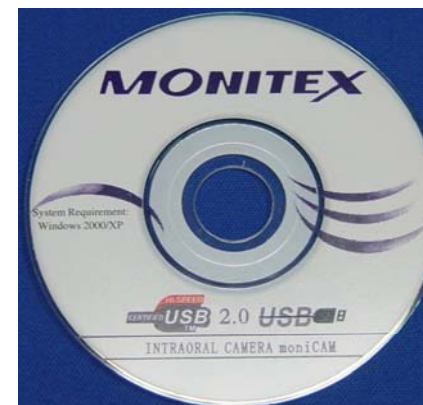
## OPTIONAL ACCESSORIES : USB Cable



## Barrier



## CD Disc ( Software & Driver )



## SOFTWARE INSTALLATION & DRIVER :

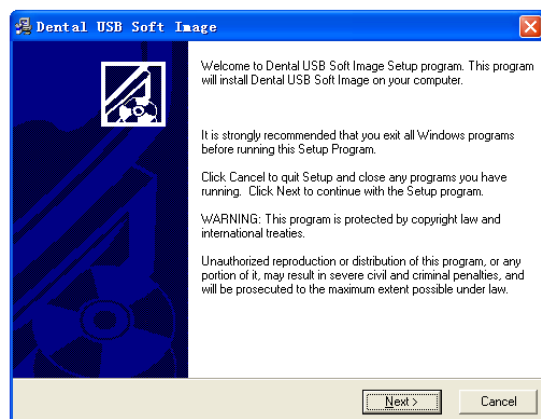
### Important!

This software, PX-130 intraoral camera, should not be used with other related models of MoniCAM intraoral camera software at the same time.

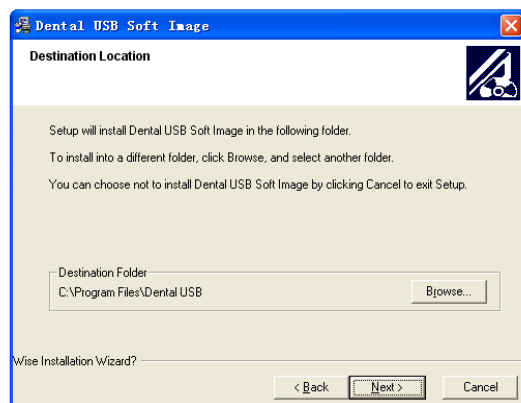
### •Software Installation

When the connection and settings are complete, please insert the attached CD to CD-ROM. Find the CD Driver in “**my computer icon**”, double click “Dental PX130. EXE” file, you will see the window as follow.

**Step 1.** After the “Dental USB Soft Image” appears, please click the “Next” button.



**Step 2.** With the Destination Location appears, just click the “Next” button to continue the next step.



## Functions of the button:

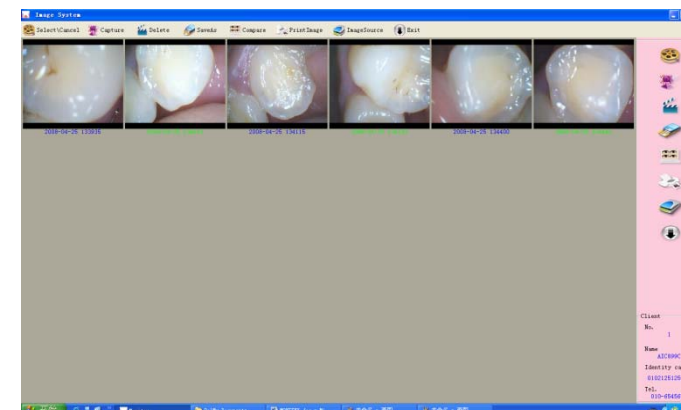
- Capture — take pictures.
- Delete — delete the specific image.
- Save As — store the pictures.
- Print Image — print the specific image.
- Source — the source of pictures.
- Exit — exit the soft.
- Compare — press it to have a full screen of a saved image

**Step 4.** Press “Capture” and “Still Image Capture” window will pop up. Please choose “USB 2821 Video “ in “Video Device”, “640×480” in “Capture Size”.

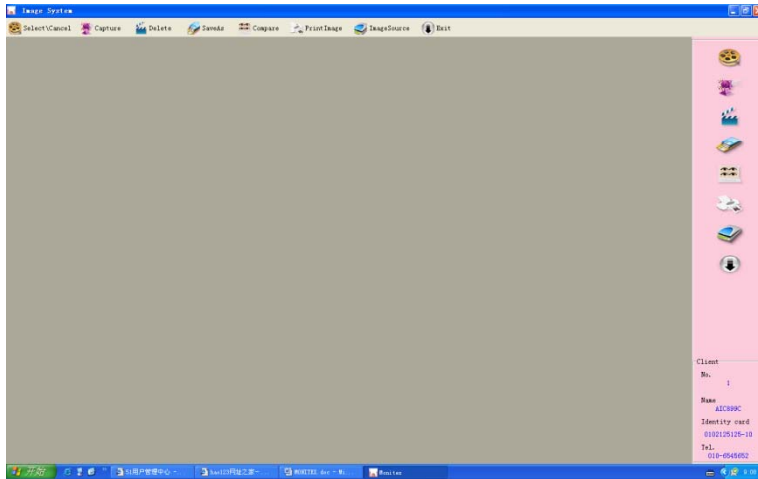


**Step 5.** To take pictures, press “Freeze” button on the camera to freeze the image, press “Freeze” button again to save the image into the computer.

Or, click the “Capture” button on Still Image Capture window to Freeze the image, by clicking the “Capture” button again to save image into the computer.

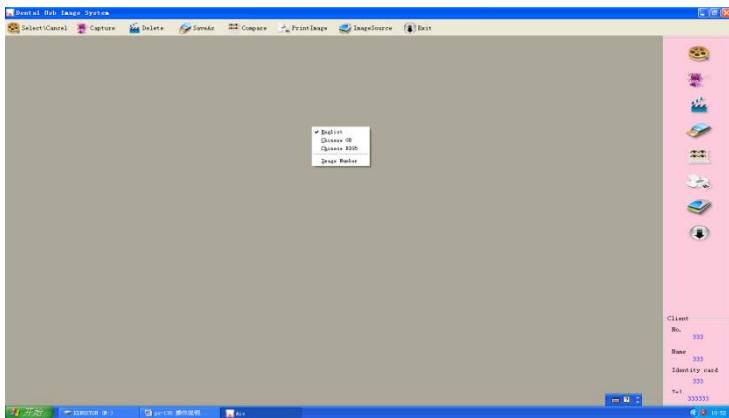


**Step 3.** After click “Enter” into “Dental Usb image System”, the Image System will appear.

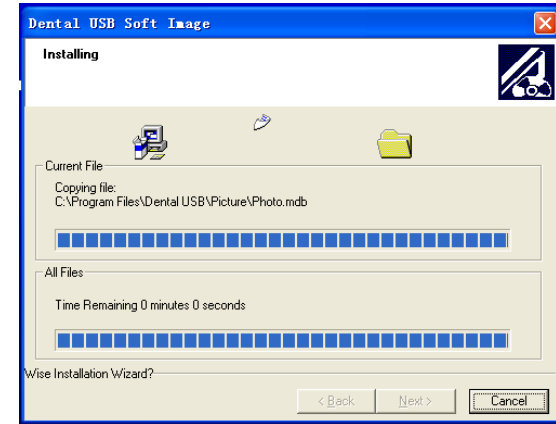


**Important!**

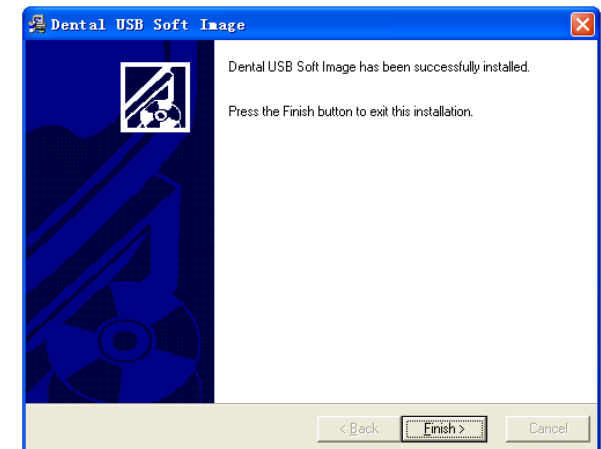
If the wordings are Chinese, please establish a new account first and right click the mouse to change to English.



**Step 3.** When the Installing appears, please wait for few minutes until the process is complete.

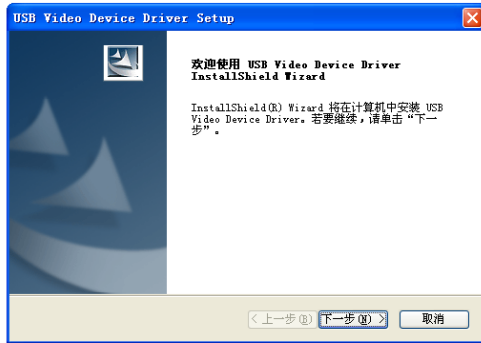


**Step 4.** When Dental USB Soft Image has been successfully installed, just click the “Finish” button to exit the installation.



**•Driver Installation** Please open the CD file -> USB 2821 foldre and double click the “Setup.exe”, PC will start the driver installation

**Step 1.** When the “USB Video Deive Driver Setup” window appears, please Click in the “Next” button.



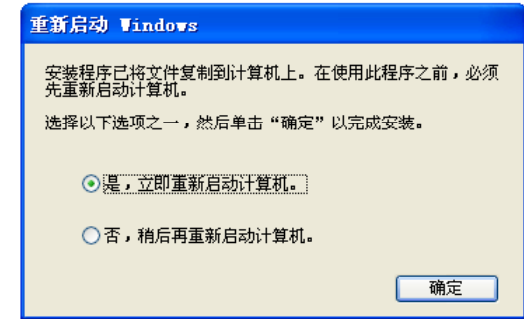
**Step 2.** If the following windows appears, just leave out the details that show on the screen and click “next”.



**Step 3.** When the InstallShield Wizard appeared, please click “Finish” button



**Step 4.** When the restarting window appears, please choose “Yes” to restart your pc.



### 3. Software Application:

Please connect USB cable to PC, Win XP (WIN 2000) will automatically detect the new device, turn on the camera (press “ON / OFF” button, LED light of the camera will be on). From the desktop, please double click “Dental Usb” to enter the login window

**Step 1.** When the login window appears, please click the picture in the middle of the login window.



**Step 2.** For the first time user, please enter the new account data and click “Add” to establish a new account, then click “Enter” into “Dental Usb image System”

