

Intraoral Digital X-ray Imaging System

USER MANUAL

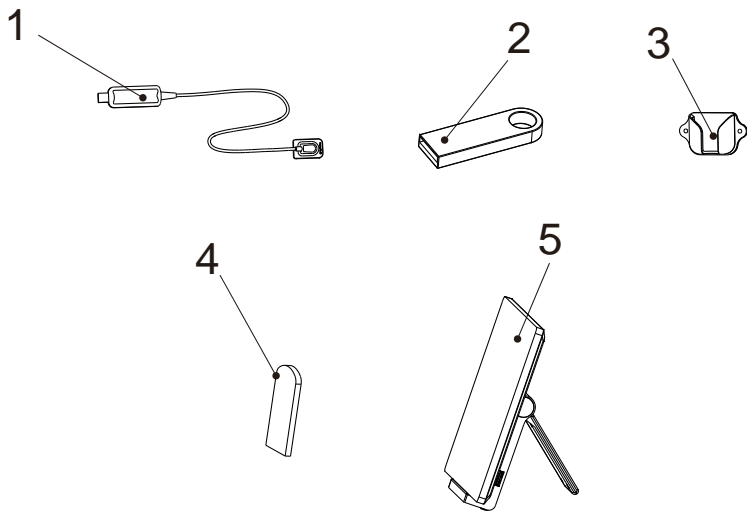
Changzhou Sifary Medical Technology Co., Ltd

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1. Scope of Sensor

1. Sensor
2. USB Flash Driver
3. Sensor Mounting Bracket
4. Disposable Sleeve
5. Computer Terminal(Pad and its support, optional)



2. Symbols

 WARNING	If the instructions are not followed properly, operation may lead to hazards for the product or the user/patient.
 NOTE	Additional information, explanation of operation and performance.
	Serial number
	Catalogue number
	Manufacturer
	Date of manufacture
	Lot of manufacture
	Class II
	BF type device
	WEEE directive marking
	Keep dry
	Temperature limitation
	Humidity limitation
	Atmospheric pressure limitation
	Manufacturer's LOGO
	CE marking
	Authorized Representative in the European Community
	Follow instructions for use

3. Introduction

3.1 Scope of Application

NanoPix1-P is used in combination with a dental X-ray transmitter for medical units to perform dental X-ray photography.

This device must only be used in hospital environments, clinics, or dental offices by qualified dental personnel.

3.2 Contraindications

Patients and operators of cardiac pacemakers should use it with caution. Pregnant women are prohibited from using it.

3.3 Safety Instructions

1. Please read this manual before use.
2. The safety regulations and guidelines of NanoPix 1-P must be installed and used following the purposes specified in the manual.
3. Do not use the device when the sensor is damaged.
4. Avoiding liquid entering the device, which could cause short circuit or corrosion.
5. This device must be disconnected from the power supply before cleaning or disinfection.
6. To avoid the cross-infection of patients, a disposable sleeve must be used before placing the sensor in the mouth, and the sleeve must be discarded after use.



WARNING

Please read the following warning carefully before using:

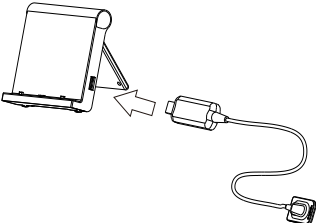
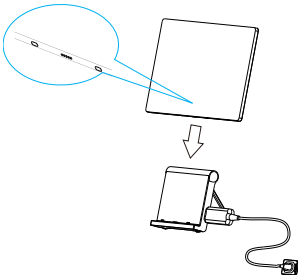
1. This device can only be used by people with relevant qualifications and technical

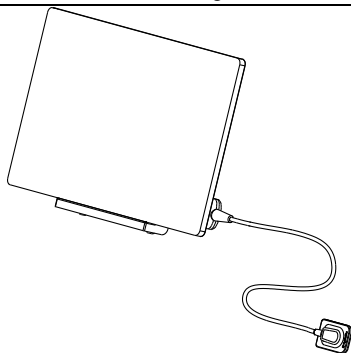
approval.

2. The device must not be placed in humid surroundings or anywhere where it can come into contact with any type of liquids.
3. Do not expose the device to direct or indirect heat sources. The device must be operated and stored in a safe environment.
4. The device requires special precautions concerning electromagnetic compatibility (EMC) and must be installed and operated in strict compliance with the EMC information. In particular, do not use the device in the vicinity of fluorescent lamps, radio transmitters, remote controls and do not use this system near the active HF Surgical Equipment in the hospital. Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the NanoPix1-P, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
5. Do not operate or store at high temperatures.
6. If irregularities occur in the device during treatment, switch it off. contact the agency.
7. Never open or repair the device yourself, otherwise, void the warranty.
8. The dental team should not rely on a single precautionary strategy. When using the NanoPix1-P, the following universal precautions should be followed routinely for adequate protection.
 - Universal barrier precautions (such as masks, gloves and eye protection) should be followed;
 - A preprocedural rinse should be used before treatment;
 - A rubber dam should be used where possible.

4. Product Installing

4.1 Connecting the Sensor to the Computer Terminal.

Step	Graphic Example	Description
1	 A diagram showing a tablet mounted on a stand. An arrow points to a USB port on the side of the stand. Next to it is a USB cable with a small sensor at the other end.	Insert the USB plug of the sensor into USB sockets on the Pad support.
2	 A diagram showing a tablet being inserted into the back of the stand. A callout circle shows a close-up of the tablet's edge being inserted into the stand's slot. An arrow points down to the final assembled unit.	Insert the Pad into the support, pay attention to the installation direction, and ensure the connection between the Pad and the support is reliable.



The picture of the connection between the sensor and the computer terminal.

4.2 Software Installing

1. Operating system requirements

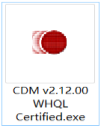
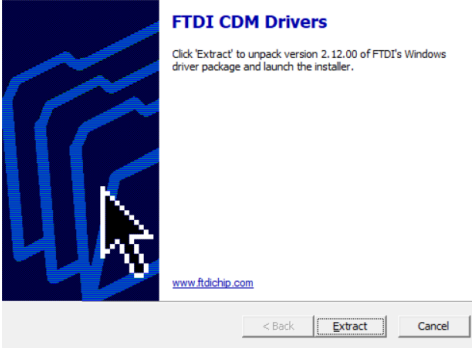
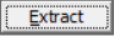
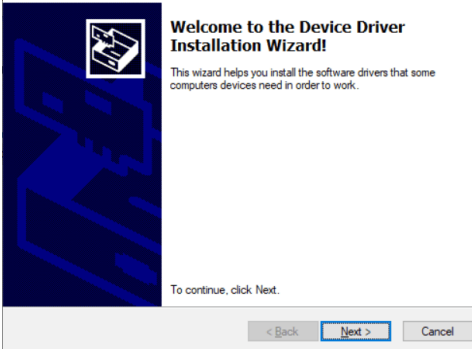
- Microsoft Windows 7/8/10 32/64 位

2. Hardware requirements

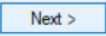
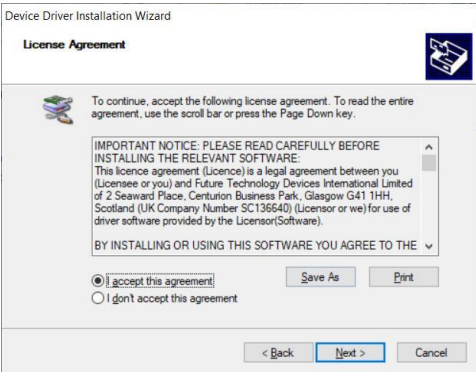
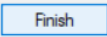
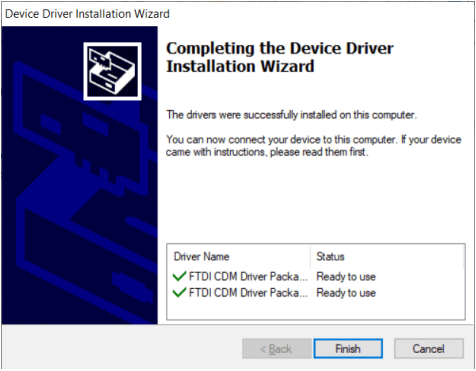
CPU	$\geq 1.0\text{GHz}$
Memory	$\geq 2\text{GB}$
Hard Disk	$\geq 64\text{GB}$
Display Resolution	1024*768 or above
USB ports	USB2.0

3. Installing the driver

4 Product Installing


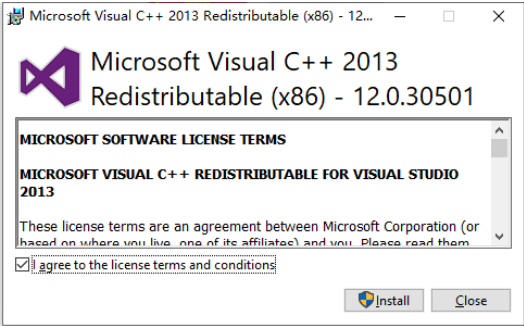

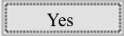
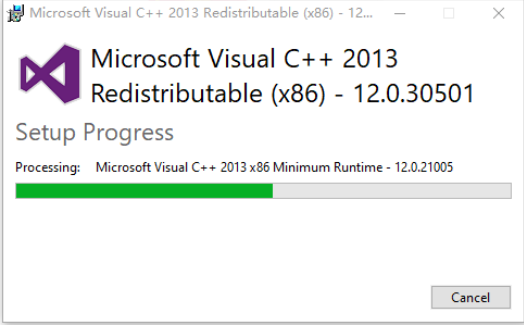
<p>Step 1:</p> <p>Open USB flash driver, double click</p> 	
<p>Step 2:</p> <p>Click  and confirm, the computer terminal pops up a dialog box on the right</p>	

4 Product Installing

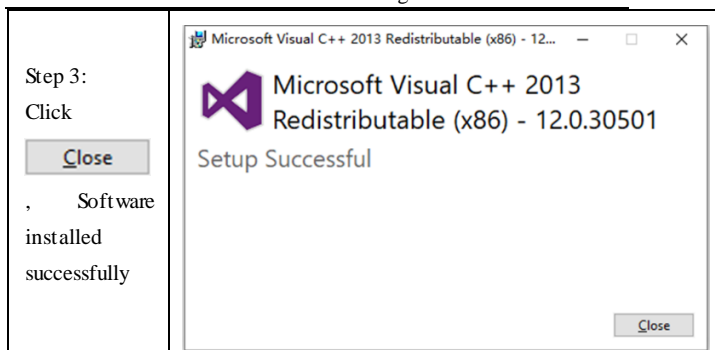
<p>Step 3:</p> <p>Click  and accept the agreement to continue to the next step.</p>							
<p>Step 4:</p> <p>The software pops up a dialog box on the right, click , to indicate successful driver installation.</p>	 <table border="1"><thead><tr><th>Driver Name</th><th>Status</th></tr></thead><tbody><tr><td>✓ FTDI CDM Driver Packa...</td><td>Ready to use</td></tr><tr><td>✓ FTDI CDM Driver Packa...</td><td>Ready to use</td></tr></tbody></table> <p>At the bottom are '< Back', 'Finish', and 'Cancel' buttons.</p>	Driver Name	Status	✓ FTDI CDM Driver Packa...	Ready to use	✓ FTDI CDM Driver Packa...	Ready to use
Driver Name	Status						
✓ FTDI CDM Driver Packa...	Ready to use						
✓ FTDI CDM Driver Packa...	Ready to use						

4 Product Installing

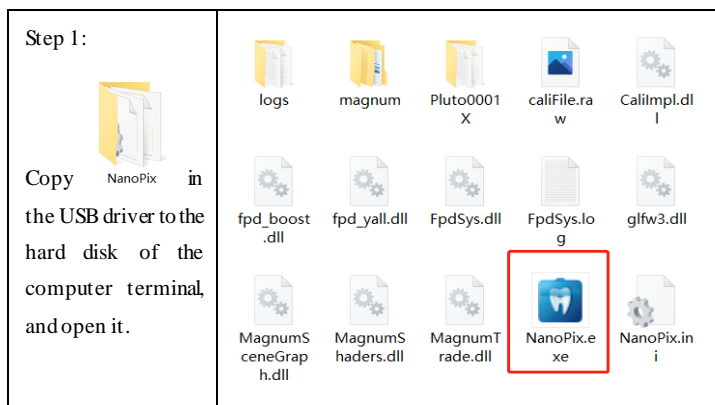
4. Dependency library installation

<p>Step 1:</p> <p>Open USB flash driver, double click</p>  <p>vcredist_x86.exe</p>	
<p>Step 2:</p> <p>Click</p>  <p>, When the software pops up a prompt box, click</p>  <p>and wait for the installation to complete</p>	


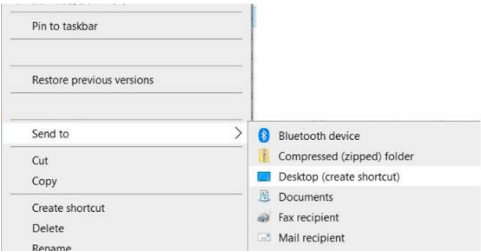

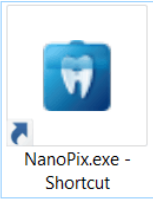
4 Product Installing



5. Intraoral Digital X-ray Imaging System soft installing: NanoPix




4 Product Installing

<p>Step 2:</p> <p>Right-click in the folder to create a desktop shortcut.</p> 	
<p>Step 3:</p> <p>find  on the computer desktop, double-click the NanoPix shortcut to run the software.</p>	

4.3 Sensor Mounting

It is recommended to use the sensor mounting bracket to place the sensor. The installation method is as follows:

<ol style="list-style-type: none">1. Use screws and vias to fix the sensor mounting bracket to the wall.	
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4 Product Installing

2. Place unused sensors in the mounting bracket.

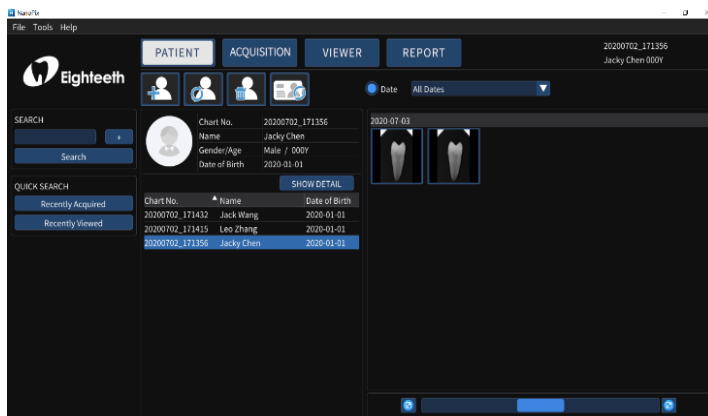


5. Software Introduction

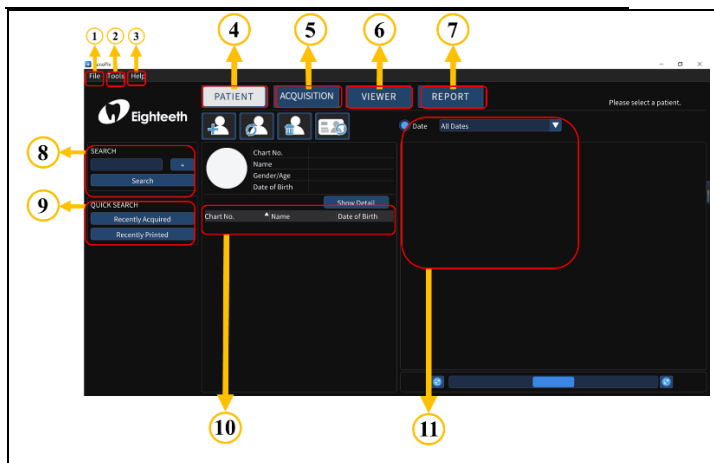
5.1 Software Interface Introduction



Click the icon on the desktop to start the software, and its home page interface is as shown in the figure below:



5 Software Introduction



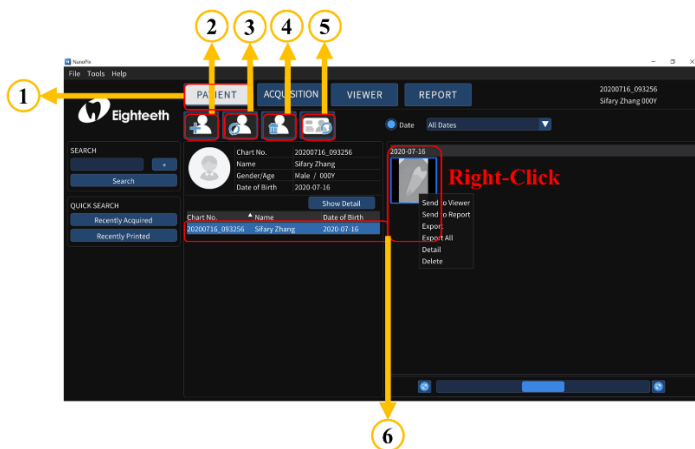
1	File: Use to exit.
2	Tools: Use for the basic setting of the software.
3	Help: User guides.
4	PATIENT: Patient Medical Record Menu.
5	ACQUISITION: Oral X-ray Image Acquisition Menu.
6	VIEWER: Oral X-ray Image View Menu.
7	REPORT: Oral Diagnostic Report Menu.
8	SEARCH: Use for searching for the diagnostic data in the software database. When the content of the search box is empty, clicking the search button could display all the diagnostic data in the database.
9	QUICK SEARCH: Use for searching for the recently acquired



5 Software Introduction

	or recently viewed diagnostic data.
10	Medical record list display area.
11	Use for filtering medical records by date.



5.2 Patient Medical Record Menu

The main page of Patient Medical Record Menu

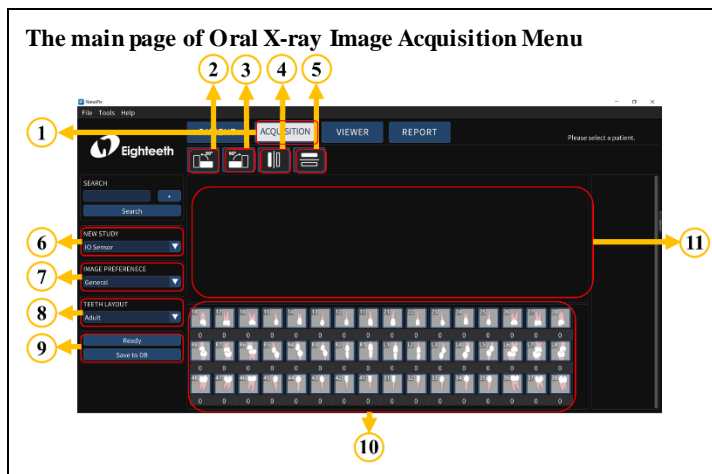


1	PATIENT: Click it and enter the Patient Medical Record interface.
2	 : Use to create a new medical record.
3	 : Use to edit a medical record.





5 Software Introduction

<p>④</p>	 : Use to delete a medical record.
<p>⑤</p>	 : Use to clear the medical record list.
<p>⑥</p>	<p>Patient list and thumbnails of selected patients: Right-click the selected thumbnail to quickly execute:</p> <ol style="list-style-type: none"> 1. Send to the Viewer; 2. Send to Report; 3. Export; 4. Export All; 5. Detail; 6. Delete.

5.3 Oral X-ray Image Acquisition Menu

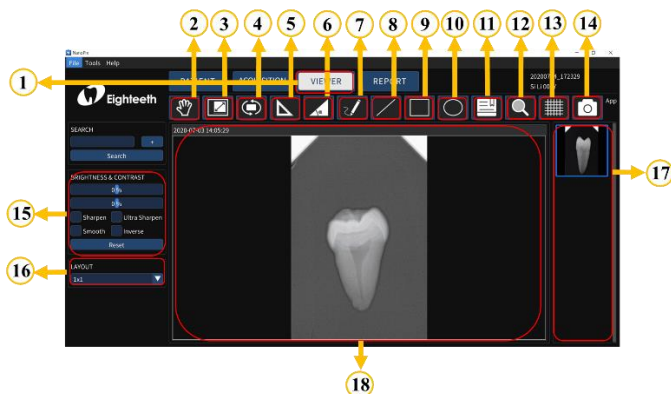






5 Software Introduction

①	ACQUISITION: Click it and enter the oral X-ray Image Acquisition Menu interface.
②	 : Use to rotate image 90° counterclockwise.
③	 : Use to rotate image 90° counter-clock.
④	 : Use to make image mirror left and right.
⑤	 : Use to make image mirror up and down.
⑥	NEW STUDY: represents the data source. IO Sensor: data comes from the sensor; Import: data comes from local.
⑦	IMAGE PREFERENCE: use to process the acquired image data and contains 4 processing algorithms.
⑧	TEETH LAYOUT: use to determine the age group: adult or child
⑨	Ready: indicate that the experiment preparation is completed and can be measured. Save to DB: save data to the database.
⑩	Examples of different teeth layout.
⑪	The display area of the oral X-ray image.










5.4 Oral X-ray Image View Menu

The main page of Oral X-ray Image View Menu



1	VIEWER: Click it and enter the Oral X-ray image View Menu interface.
2	 Pan: Drag images
3	 Zoom: Combine the mouse wheel to zoom in/out the image.
4	 Reset.
5	 Length: Measure length.

5 Software Introduction

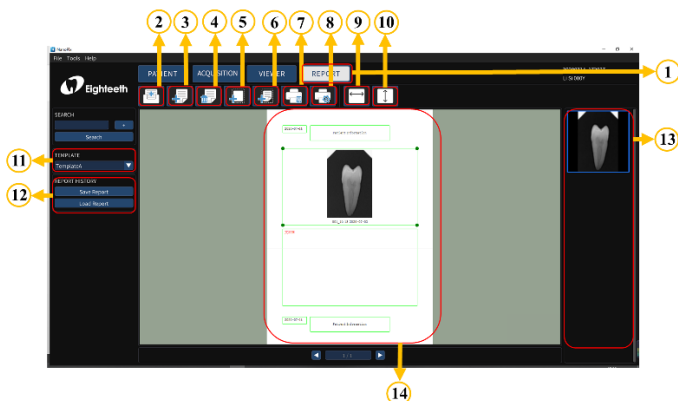
6		Angle: Measure angle.
7		Draw: Draw a curve.
8		Line: Draw a straight line.
9		Rectangle: Place rectangle.
10		Ellipse: Place ellipse.
11		Memo: Make a memo.
12		Magnify: Local zoom
13		Grid.
14		Capture: Screenshot
15	1. BRIGHTNESS & CONTRAST: Adjust image brightness and contrast; 2. Sharpen & Ultra Sharpen: Adjust image sharpness; 3. Reset: reset image.	
16	LAYOUT: image layout, use to configure the image display.	




5 Software Introduction

17	X-ray image list: Double-click the X-ray image in the list to display it in the display area.
18	The display area of the oral X-ray image.







5.5 Oral Diagnostic Report Menu

The main page of Oral Diagnostic Report Menu



1	Report: Click it and enter the Oral Diagnostic Report Menu interface.
2	 New report
3	 Add new page
4	 Delete page

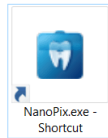
5 Software Introduction

5		Add image box
6		Add text box
7		Print
8		Print Setting
9		Fit horizontal
10		Fit vertical
11	TEMPLATE: Use to select a template for generating a medical record report.	
12	REPORT HISTORY: Use to save the generated report and import the existing report.	
13	X-ray image list	
14	The display area of the report.	

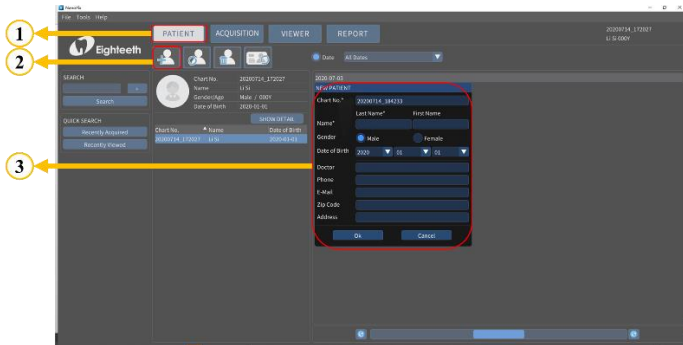
6. Operating Instructions

6.1 Acquiring oral X-ray image

1. Open NanoPix software.

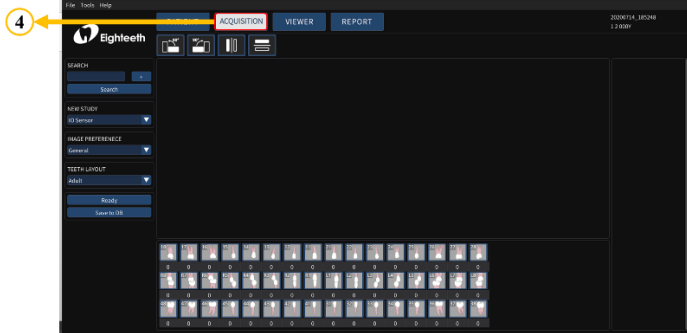


2. Click **PATIENT**, create a new medical record or select an existing medical record.

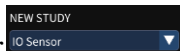


3. Click **ACQUISITION**, enter the oral X-ray image acquisition interface.

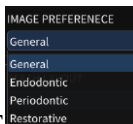
6 Operating Instructions



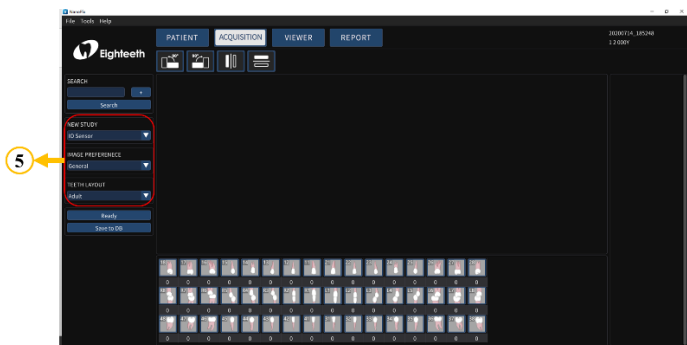
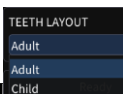
4. Make sure that the **NEW STUDY** is **IO Sensor** , Choose



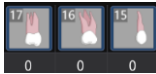
an **IMAGE PREFERENCE** algorithm and determine the patient's

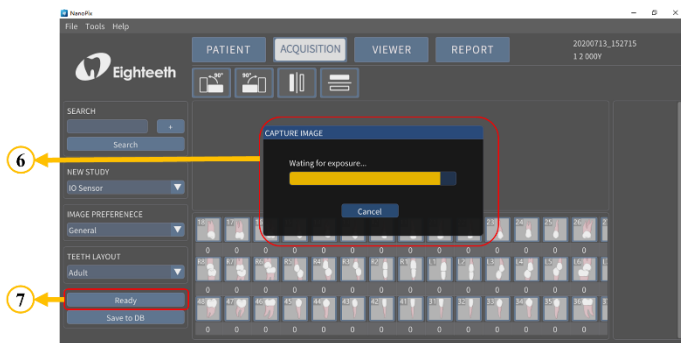


TEETH LAYOUT



6 Operating Instructions

5. Click **Ready** or double click , wait for the software to pop up the exposure prompt box.



6. Press the exposure button to complete the collection, the interface displays the acquired X-ray image (**Figure A is only for illustration, this product does not include this part**)

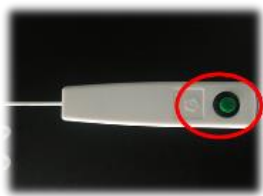


Figure A

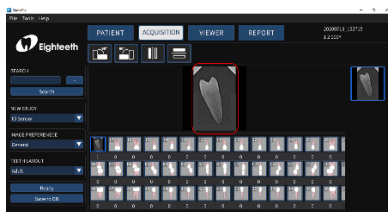


Figure B

7. Save X-ray images to the database.



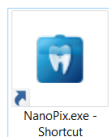
WARNING

Please read the following warning carefully before using:

1. Before starting the experiment, please keep the sensor receiving board clean and wrap it with a disposable sleeve before putting it in the patient's mouth.
2. Before step 5, make sure that the X-ray transmitter is turned on and the sensor USB terminal is connected to the display (computer terminal).
3. Before step 6, set the exposure time of the X-ray transmitter according to the actual needs.
4. Make sure to save the X-ray image to the database after finishing step 6. In other words, make sure to do step 7.

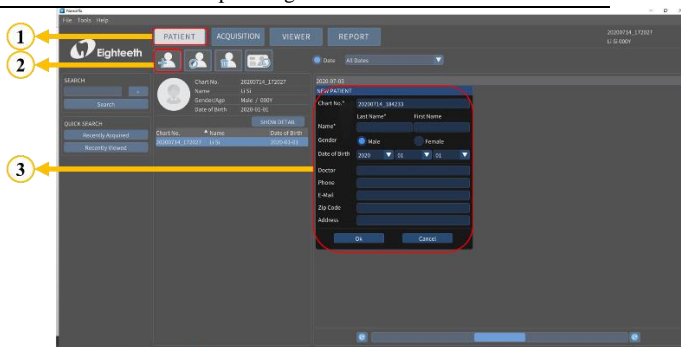
6.2 Importing existing oral X-ray images

1. Open NanoPix software.

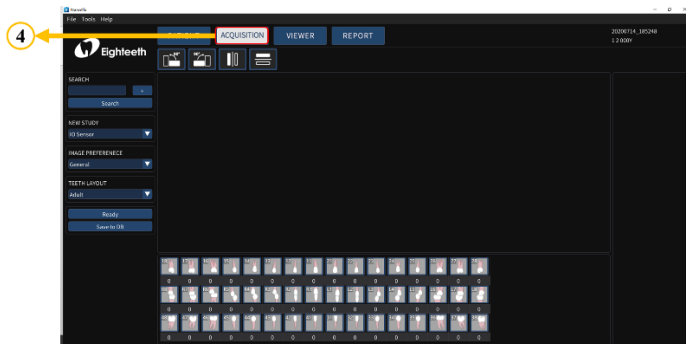


2. Click **PATIENT**, create a new medical record or select an existing medical record.

6 Operating Instructions

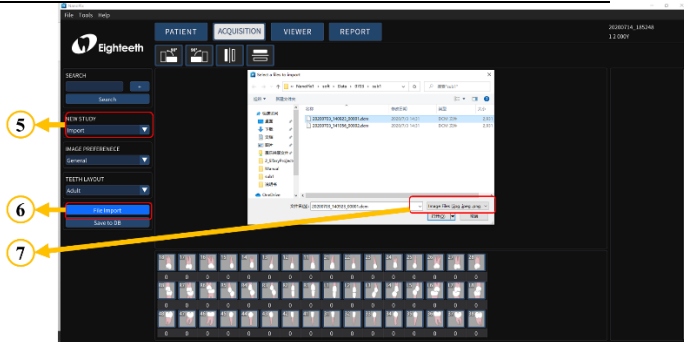


3. Click **ACQUISITION**, enter the oral X-ray image acquisition interface.

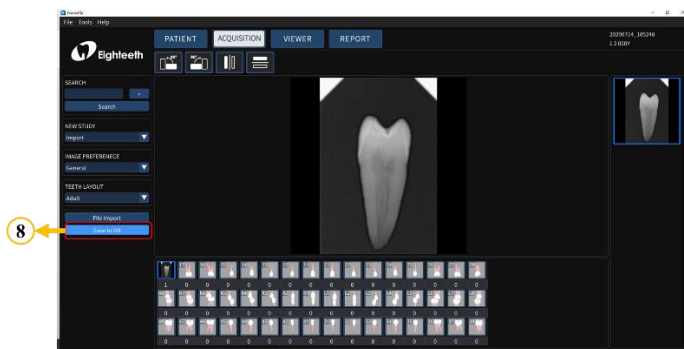


4. Make sure that the **NEW STUDY** is **Import**, and click **File Import** to import existing X-ray images (*jpg, jpeg, png, bmp, and dcm* file).

6 Operating Instructions



5. Save X-ray images to the database.



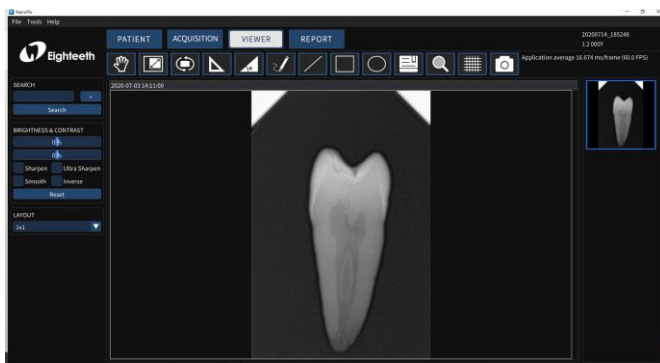
WARNING

Please read the following warning carefully before using:

Make sure to save the X-ray image to the database after finishing step 4. In other words, make sure to do step 5.

6.3 Image quality optimization

The image quality optimization currently supported by **NanoPix** includes brightness, contrast, sharpening, super sharpening, smoothing, and inversion. The user can optimize the acquired X-ray image in the **VIEW** VIEWER interface.



WARNING

Please read the following warning carefully before using:

Besides the optimization of the software, the image quality is also related to the **Dose / Exposure** time. The user can manually adjust the corresponding parameters according to experience or reference manual.

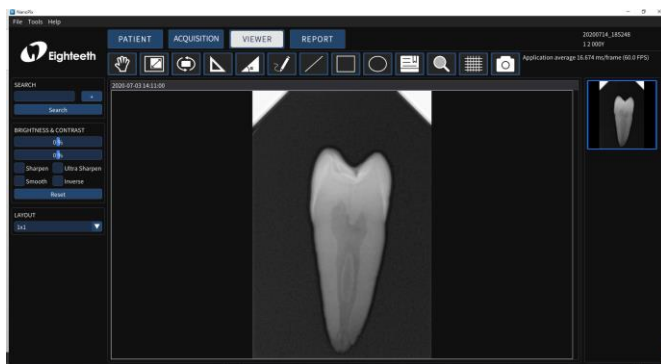
6.4 Report Generation

1. Obtain oral X-ray image data according to Section 6.1 or Section 6.2, and save the X-ray image to the database.

6 Operating Instructions

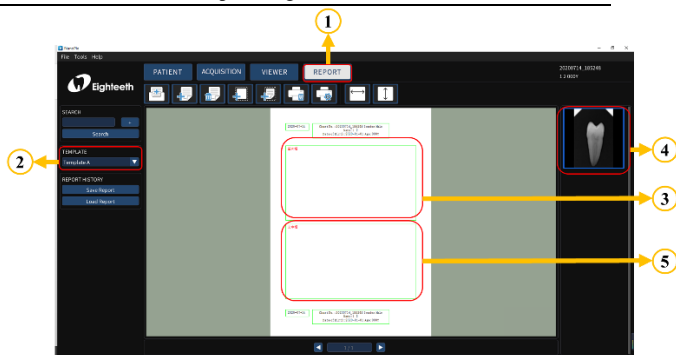


2. Optimize the acquired X-ray images according to section 6.3 (optional).



3. Click the **REPORT** button to enter the oral diagnostic report interface, select the report **template** **Template A**; Select the picture frame and double-click the right X-ray image to fill the image box; Double-click the text box and input the patient's diagnosis results.

6 Operating Instructions



4. According to the actual needs, use the upper toolbar to edit the report, including creating a new report, adding a page, deleting a page, adding an image box, adding text box (optional); Finally, save and print the report.



7. Recommended X-ray Source Parameters and Exposure Time

exposure time	Dose (μGy)	60kVp 6mA	60kVp 2mA	65kVp 5mA
Patient		Adult	Adult	Adult
SID		28cm	28cm	28cm
Intra Oral X-ray Unit	No filter			
		Approximate exposure time(second)		
Incisor & Canine	300~500	0.12~0.2	0.1~0.2	0.18~0.28
Molar	400~600	0.16~0.25	0.15~0.25	0.24~0.34

*SID: Source to X-ray imaging sensor receptor distance.



NOTE

For larger body types: increase the exposure time(or Source current) by 25%

For children(5~21age): reduce the exposure time(or Source current) by 20%

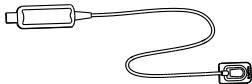



For edentulous patients: reduce the exposure time(or Source current) by 20%.

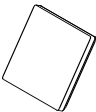




WARNING

Since the X-ray exposure condition can be changed depending on the age, gender, and bone density of the patient, in the case of Pediatric, X-ray exposure condition can be changed by the expert's judgment.

8. Maintenance

The Parts that need to be disinfected		
Sensor 	Sensor Mounting Bracket 	
<p>Wipe the surface of the part with gauze soaked in alcohol, A 70% -80% alcohol content is recommended.</p>		
<p> NOTE</p> <ol style="list-style-type: none"> 1. Do not use disinfectants other than alcohol for disinfection. 2. Do not use alcohol excessively to prevent the alcohol from penetrating the Sensor and damaging the internal parts. 3. Before and after each use, the parts must be disinfected. 4. When cleaning the cable, hold the sensor with one hand and wipe with the other hand from the sensor receptor to the sensor USB connector. Do not pull on the insulation of the cable. <p> WARNING</p> <ol style="list-style-type: none"> 1. Disconnect the sensor from the display when disinfecting. 2. Do not disinfect the sensor in an autoclave or other sterilization container. 3. Do not immerse the sensor and its USB connector in liquid. 		

The Parts that need to be cleaned		
Display 	Display Support 	
Use a soft cloth soaked with clean water. If necessary, use a mild detergent, but carefully remove any residue.		
<div> WARNING</div> <div><ol style="list-style-type: none">1. When cleaning, pay attention to prevent liquid from seeping into the device2. The above parts should be placed in a dry and well-ventilated environment, avoid being placed in a dusty or humid environment.</div>		

9. Troubleshooting

When a problem or malfunction occurs, please check the machine with the table below before contacting the dealer to quickly eliminate common problems or malfunctions. If the problem or malfunction is not solved, please contact the dealer.

Problem or malfunction	Reasons & Solutions
After triggering X-ray, no image is displayed	Check whether the connection between the sensor and the computer terminal is normal.
	Check if the sensor's X-ray receiver is facing the X-ray generator.
The X-ray image is dim and textured	Exposure time is too short, increase exposure time.
	The selected acquisition mode does not correspond to the X-ray dose.
	The voltage of the high voltage generator is too low (less than 60kVrms), check the high voltage generator.
	The distance between the high voltage generator and the patient is too far to match the selected dose.
	Check the contrast and brightness settings of the computer terminal to ensure that there is no problem with the screen display.
The X-ray image is too dark	The exposure time is too long, shorten the exposure time.
	The selected acquisition mode does not correspond to an X-ray dose.
	Check the contrast and brightness settings of the computer terminal to ensure that there is no problem with the screen display.
The X-ray image is blurred	The patient moves during exposure.

9 Troubleshooting

	The head of the generator is unstable.
The image is white	The receiver of the sensor is not in the X-ray direction.
	Insufficient X-ray dose.
	The sensor is not connected or improperly connected.
	Check the high-voltage generator to ensure that it emits X-rays.

10. Technical Data

Manufacturer	Changzhou Sifary Medical Technology Co., Ltd
Model	NanoPix1-P
Dimensions	29.0cm x 20.9cm x 8.0cm \pm 1cm(Package)
Weight	1.5kg \pm 10%
Effective imaging area	20x30mm ²
Power	1.5W Max
Sensor technology	CMOS CsI
Pixel size	20um
Theoretical resolution	25pl/mm
X-ray energy range	55~100kV
Data interface	USB2.0
Electrical safety class	Class II
Operating conditions	Use: in enclosed spaces Ambient temperature: 5°C ~ 40 °C Relative humidity: < 80% Operating altitude < 3000m above sea level
Transport and storage conditions	Ambient temperature: -10 °C ~ 60 °C Relative humidity: < 95% Atmospheric pressure: 70kPa~106kPa

11. EMC Tables

Guidance and manufacturer's declaration – electromagnetic emissions		
The NanoPix1-P is intended for use in the electromagnetic environment specified below. The customer or the user of the NanoPix1-P should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The NanoPix1-P uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The NanoPix1-P is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC61000-3-2	Class A	
Voltage fluctuations/flicker emissions IEC 61000-3-3	Complies	

Guidance and manufacturer's declaration – electromagnetic immunity			
The NanoPix1-P is intended for use in the electromagnetic environment specified below. The customer or the user of the NanoPix1-P should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance

11 EMC Tables

Electrostatic discharge (ESD) IEC 61000-4-2	+/- 8 kV contact +/- 2 kV, +/- 4 kV, +/- 8 kV, +/- 15 kV air	+/- 8 kV contact +/- 2 kV, +/- 4 kV, +/- 8 kV, +/- 15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transients/bursts IEC 61000-4-4	±2kV 100kHz repetition frequency	±2kV 100kHz repetition frequency	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	Line to line: ±0.5kV, ±1kV Line to earth: ±0.5kV, ±1kV, ±2kV	Line to line: ±0.5kV, ±1kV Line to earth: ±0.5kV, ±1kV, ±2kV	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips IEC 61000-4-11	0% UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 0% UT; 1 cycle and 70% UT; 25/30 cycles sine phase at 0°	0% UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 0% UT; 1 cycle and 70% UT; 25/30 cycles sine phase at 0°	Mains power quality should be that of a typical commercial or hospital environment. If the user of devices require continued operation during power mains interruptions, it is recommended that devices be powered form an uninterruptible power supply or a battery
Voltage interruptions	0% UT;	0% UT;	

11 EMC Tables

IEC 61000-4-11	250/300 cycle	250/300 cycle	
Rated Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz or 60Hz	30 A/m 50Hz or 60Hz	Power frequency magnetic field should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Note: UT: rated voltage(s); E.g. 25/30 cycles means 25 cycles at 50Hz or 30 cycles at 60Hz			

Guidance and manufacturer's declaration – electromagnetic immunity

The **NanoPix1-P** is intended for use in the electromagnetic environment specified below. The customer or the user of the **NanoPix1-P** should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment- guidance
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11 EMC Tables

Conducted dis-turbances induced by RF fields IEC 61000-4-6	3 V 0.15 MHz – 80 MHz, 6 V in ISM bands between 0.15 MHz and 80 MHz, 80 % AM at 1 kHz	3 V	Portable and mobile RF communications equipment should be used no closer to any part of the NanoPix1-P , including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended minimum separation distances See the RF wireless communication equipment table in "Recommended minimum separation distances"
Radiated RF EM fields IEC 61000-4-3	3 V/m, 80 MHz – 2,7 GHz, 80 % AM at 1 kHz	3V/m	
Proximity fields from RF wireless communication equipment IEC 61000-4-3	See the RF wireless communication equipment table in "Recommended minimum separation distances"	Complies	

Recommended minimum separation distances

Nowadays, many RF wireless equipments have being used in various healthcare locations where medical equipment and/or systems are used. When they are used in close proximity to medical equipment and/or systems, the medical equipment and/or systems' basic safety and essential performance may be affected. The **NanoPix1-P** has been tested with the immunity test level in the below table and meet the related requirements of IEC 60601-1-2:2014. The customer and/or user should help keep a minimum distance between RF wireless communications equipment and the **NanoPix1-P** as recommended below.

Test frequency (MHz)	Band (MHz)	Service	Modulation	Maximum power (W)	Distance (m)	Immunity test level (V/m)
385	380-390	TETRA 400	Pulse modulation 18Hz	1.8	0.3	27
450	430-470	GMRS 460 FRS 460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28
710	704-787	LTE Band 13, 17	Pulse modulation 217Hz	0.2	0.3	9
745						
780						
810						
870	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18Hz	2	0.3	28
930						
1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3,4,25; UMTS	Pulse modulation 217Hz	2	0.3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450,	Pulse modulation 217Hz	2	0.3	28

11 EMC Tables

		LTE Band 7				
5240						
5500	5100-5800	WLAN 802.11 a/n	Pulse modulation 217Hz	0.2	0.3	9
5785						



WARNING

1. Use of accessories and cables other than those specified or provided by the manufacturer of **NanoPix1-P** could result in increased electromagnetic emissions or decreased electromagnetic immunity of **NanoPix1-P** and result in improper operation.

Cable information:

Cable Name	Cable Length (m)	Shielded or not	Remark
Power Cord	3	No	/

2. Use of **NanoPix1-P** adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, **NanoPix1-P** and the other equipment should be observed to verify that they are operating normally.

12. Statement

Service Life

The service life of Sensor series products is 24 months.

Maintenance

MANUFACTURE will provide circuit diagrams, component part lists, descriptions, calibration instructions to assist to SERVICE PERSONNEL in parts repair.

Disposal

The package should be recycled. Metal parts of the device are disposed as scrap metal. Synthetic materials, electrical components, and printed circuit boards are disposed as electrical scrap. Please deal with them according to the local environmental protection laws and regulations.

Rights

All rights of modifying the product are reserved to the manufacturer without further notice. The pictures are only for reference. The final interpretation rights belong to CHANGZHOU SIFARY MEDICAL TECHNOLOGY CO., LTD. The industrial design, inner structure, etc, have claimed for several patents by SIFARY, any copy or fake product must take legal responsibilities.



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