i-Sensor Installation Instructions

1、 i-Sensor Connection

After the software is successfully installed (please check Ai-Dental Software Manual if you do not know how to install it), click the "New Patient" button to create a new patient.

Patient	Viewer	Report	Setting	
A A	8			
"*" is required.				
Create Patient				1
Doctor*	001 •	Chart No.		
Name*		SurName	Tel.	Input fixed telephone
Gender*	🔘 Male 🔘 Female	Age Input numbe	er Cellphone	Input number
🕀 Birthday*	2000-01-01 -	Email	Fax	
Country		State Input state	City	Input city
Area				
Medical History	Please input Past Cases]
Remarks				
Please input the remarks				
			Add	Cancel

Click "Acquisition" after creating the patient.

Patient		Viewer	Report	Setting	9
8	8	8			
shan			Preview		Acquisition

Select "Sensor" and click "Open"



2、 Add Calibration File

Click "Open"

Wood	dpecke	ər		Patien	t	Viewer	1	Report		Set	ting			?	—		×
				ବ	(a)	\otimes											
	Nar						Preview	N					Ac	quisition			
							8 7				456	7 8	_	X-ray Paramete	er:		
		ge			Sensor		M	1411	1	416	11.0		(\mathbf{i})	Voltag	e: 70.00		
				Nore Details>>	File Import								~	Electri	c: 1.00		mA .
					Free Scan	rigl	^{ht}						left	Expose Tim	e: 0.00		s.
KeyWords			a	Advance Search	free ocuir			ЖN						Dose Area	a: 0.00	mGy	*cm2.
Name Age	Sex	NewD	Date	ViewTime	·							W S		Full Mouth			
Demo		2022-0		2022-05-25	• Op	en								Open full mo	uth mod	de	

If the sensor is used for the first time, the following pop-up box will be displayed, asking you whether to download the calibration file through network.



If the download succeeds, the following pop-up box will be displayed.

I About	×
The download was successful.	Please reconnect the device.

Click "OK" to finish loading the calibration file.

If "ServerError: 404" is displayed, it means that the calibration file of this sensor is not saved in

the cloud. At this time, click "OK" to exit.



Reconnect the sensor and click "No".



A prompt box of "Whether to manually import the calibration file" appears, click "Yes".



At this point, insert the equipped U disk into the computer and double-click to enter the folder

with "Detector+" in the U disk, and then click "Select Folder".

← → ~ 个 📙 → 此电脑 →	软件安装 (D:) > Ai-Dental > Ai-Denta	al-Client 🗸 ඊ	搜索"Ai-Dental-Client"	م [.]
组织 ▼ 新建文件夹			8	• 0
📌 快速访问	^ 名称 ^	修改日期	类型	大小
	bat	2021-09-27 8:13	文件夹	
0传感器维修	bearer	2021-09-27 8:13	文件夹	
opendental	Config	2021-10-11 22:1	0 文件夹	
使用说明	DICOM	2021-09-27 8:12	文件夹	
三 桌面	Documents	2021-09-27 8:13	文件夹	
💷 此电脑	iconengines	2021-09-27 8:13	文件夹	
→ WPS网盘	imageformats	2021-09-27 8:13	文件夹	
	images	2021-09-27 8:13	文件夹	
🧊 3D 对象	languages	2021-09-27 8:13	文件夹	
🛛 视频	LogFile	2021-10-11 19:3	4 文件夹	
■ 图片	platforms	2021-09-27 8:13	文件夹	
🔮 文档	printsupport	2021-09-27 8:13	文件夹	
↓ 下戦	sensorConfig	2021-09-07 20:5	8 文件夹	
▶ 音乐	styles	2021-09-27 8:13	文件夹	
重重面	TempFile	2021-09-27 8:12	Prairie a	
▲ 本地磁盘 (C:)	translations	2021-09-27 8:13		
本地電磁(C:)		1		>
文件夹:				

At this time, there will be a prompt "Import success", and the manual import of the calibration file is completed.



3、 Sensor Parameter Modification

In order to adapt to the tube parameters of different X-ray machines, it is necessary to set the parameters of the sensor, which requires connecting the sensor first.



Then "Setting" - "Device Management" - "Modify"

Woodpecker	Patient	Viewer	Report	Setting 1	
Basic Setting	Sensor X-Ray				
Clinic Management	TriggerMode	Enm_TriggerMode_AED_D	c -		
Image Processing	TriggerThreshold:	Enm_TriggerThreshold_200)uGy 🔻		
Network Settings 2	Modify Sensor X-R	ay			
Device Management 3	Modify				
Staff Management	Correction				
DICOM Setting	Load correction	n file			

The parameters should be determined according to the tube voltage, tube current and AC or DC operating mode of the X-ray machine tube. If you don't understand the tube parameters of the X-ray machine, you can refer to the manual of the X-ray machine or contact its manufacturer, and set the parameters according to the following table after confirming the parameters.



Set the parameters and click "OK".

Modify	X-ray source								
Correctior	Туре	🔘 DC		🗿 AC		×			
Load	Voltage	() 60	() 65	() 70	() 75	O 80			
	Electric	◙ <=0.2	() 0.5	O 1.0	O 2.0	◯ >=3.0			
			ОК	Can	icel				

Then, there will be a prompt "OK, Setup succeeded", and the parameter setting is completed.

Sensor X-Ray		
TriggerMode	Enm_TriggerMode_AED_DC	
TriggerThreshold	t: Enm_TriggerThreshold_50uGy	_
Modify Sensor X	-Ray	
Modify	OK,Setup succeeded	