NanoPix

Intraoral X-Ray Sensor



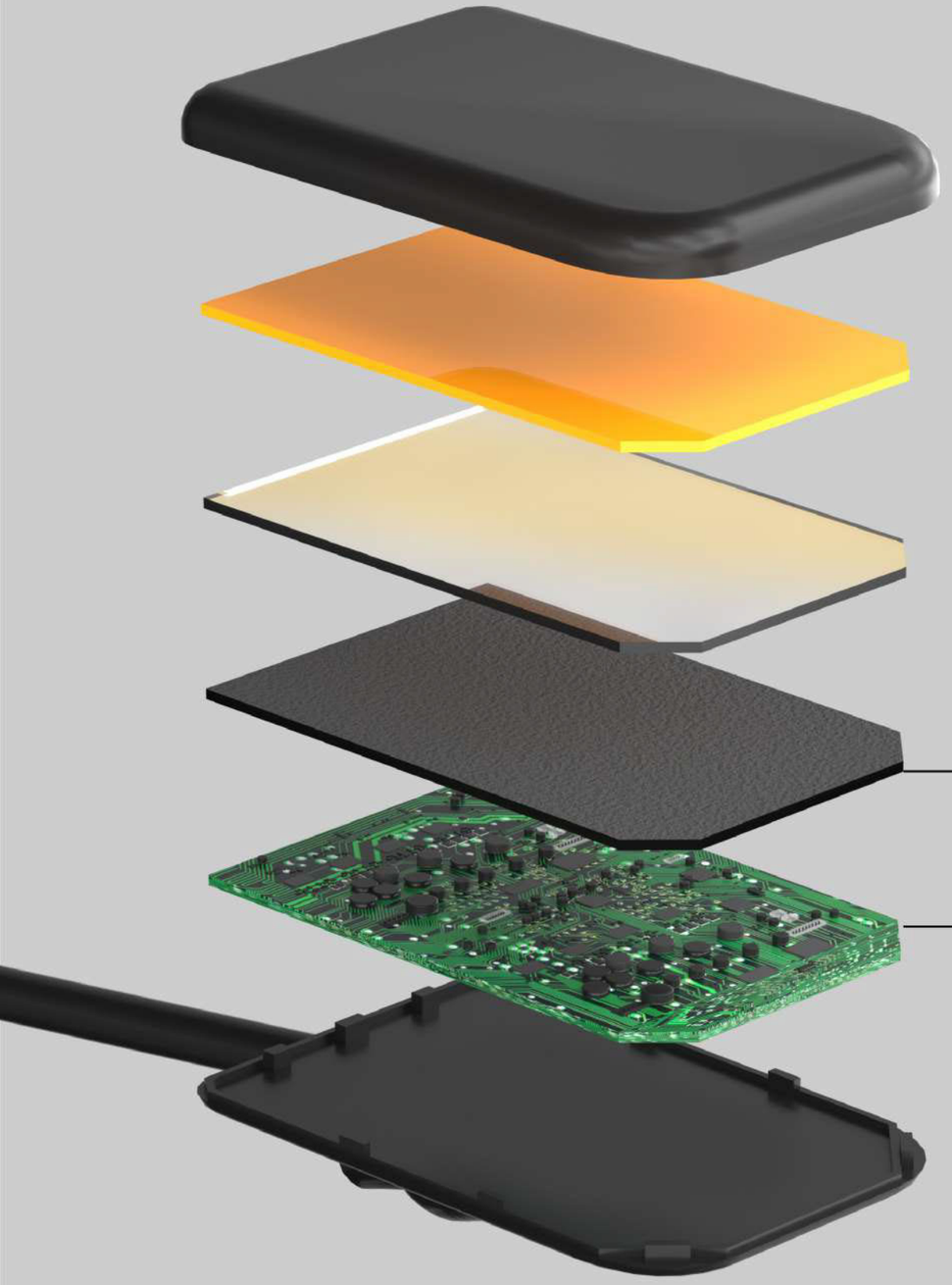
Eighteeth

1/10 Cost per patient compared to film

3s To complete entire imaging process

50000+ Exposures with no quality loss





Leading technologies
The 1st time in dentistry



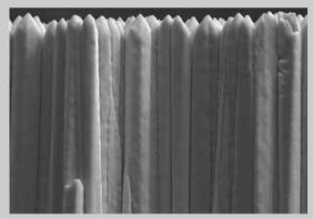
AED Technology (Automatic Exposure Detection)
-from chest radiography

- Compatible with almost all DC and AC X-Ray generators
- Digital images comes automatically when your X-Ray is switched on



APS CMOS Technology
-from aerospace industry

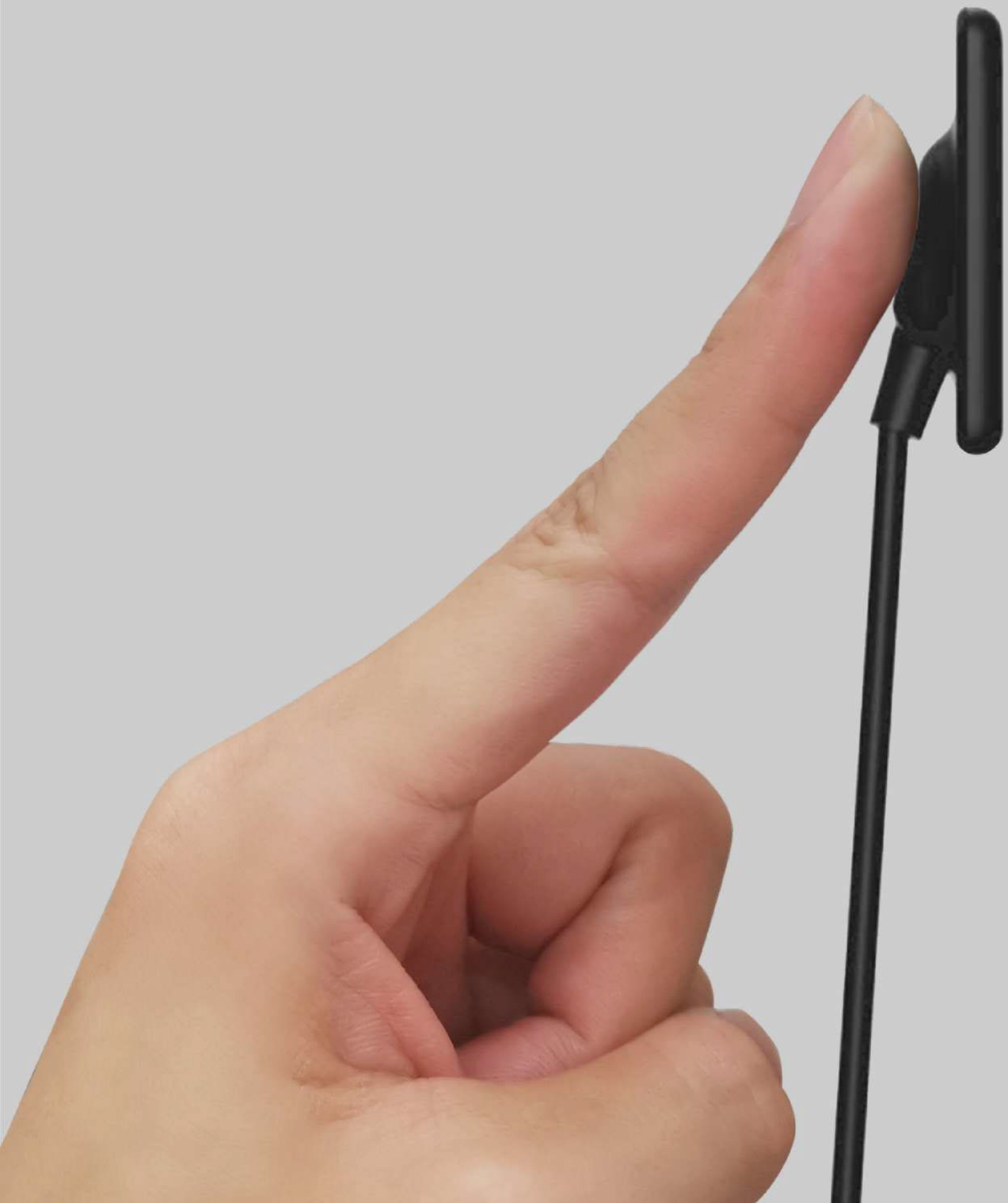
- High signal-to-noise ratio with maximum details
- Long life and low power consumption



Direct Deposition CSI Technology
-from chest radiography

- Low dose radiation for safety
- Less exposure time but higher resolution

All-in-one
The most economical X-Ray sensor in the world



Unique design

Ergonomic design

Cupped cable connection ensures comfortable finger positioning



Robust cable connection

70000+ Bendings RA test passed



Ultra-thin body design

4.4mm - the thinnest X-Ray sensor



Specifications(available in 2 sizes)

	NanoPix 1	NanoPix 2
Detector Technology	APS CMOS	APS CMOS
Scintillator	CsI	CsI
Pixel Matrix	1 000·1 500	D300·1 800
Theoretical Resolution	25lp/mm	25lp/mm
True Resolution	20lp/mm	20lp/mm
Active Area (mm)	20*30	26*36
Mechanical Size(mm)	25.4·36.8·4.4	30.4·4 1 . 9·4.4
AD Conversion(bit)	16	16
Data Interface	USB 2.0	USB 2. 0
Protection	IP68	IP68

IP68

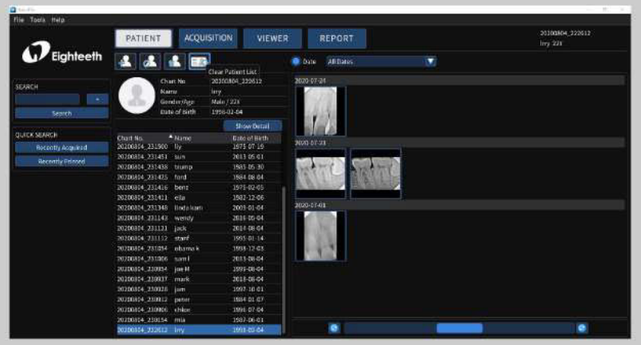
INGRESS PROTECTION

...against SOLIDS

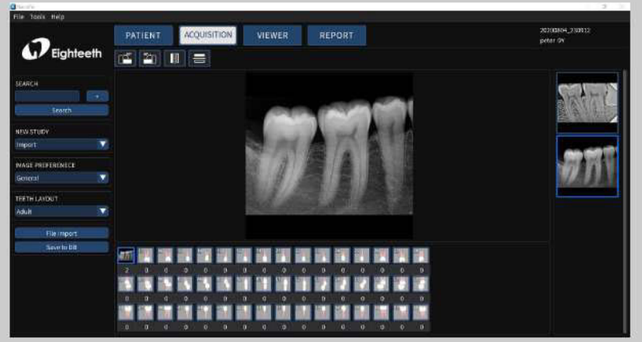
...against LIQUID

Easy-of-Use software with only 4 steps

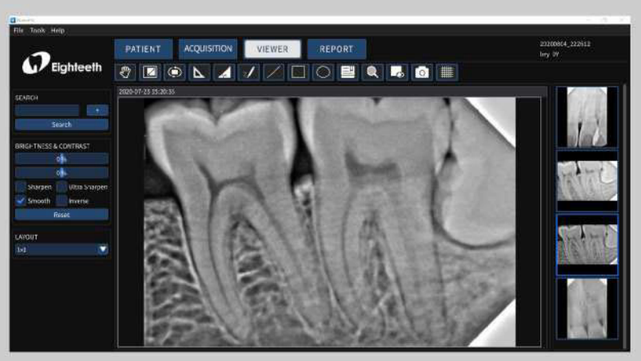
● Step 1. Choose 'Patient'



● Step 2. Image 'Acquisition'



● Step 3. View Image



● Step 4. Generate 'Report'



Smart Software

easy to install
uer-Friendly interface
faster image acquisition & better quality images
optional image preference