



Digital Intraoral X-Ray Sensor

Photon Counting
Detector
inside

 **XPECT VISION**

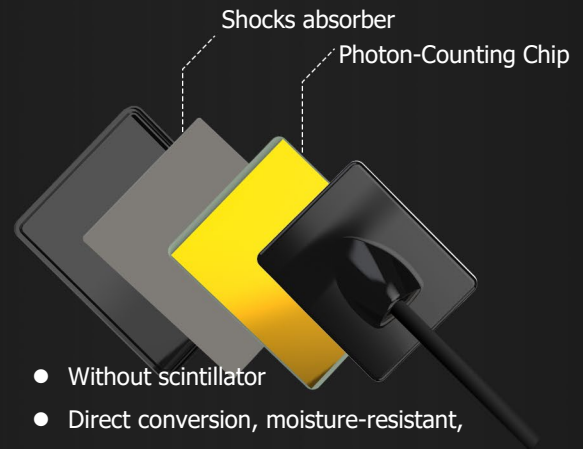
Cutting-edge Technology

Photon-Counting Intraoral X-Ray Sensor

Spend Less

Do More

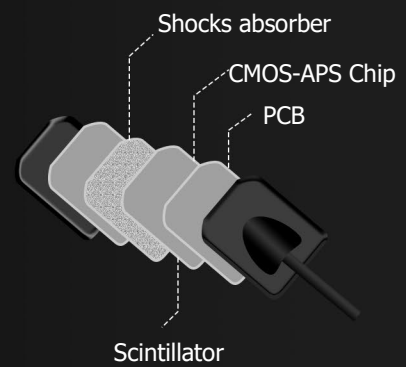
Better Images



- Without scintillator
- Direct conversion, moisture-resistant, crashworthy, longer lifespan
- Water Proof IP67

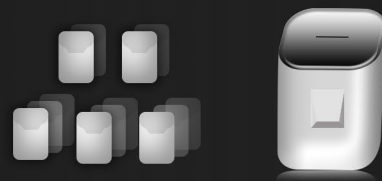
3rd Generation

CMOS-type APS Sensors



2nd Generation

PSP scanner



1st Generation

Film



4

On Sale From 2020

3

In the 1990s

2

In the 1990s

1

In the 1970s

Spend Less

100,000+

Exposures without loss of imaging quality

No consumables

More economical and environmentally friendly

95%

High compatibility with X-ray units

Free

Licensed software for free use forever

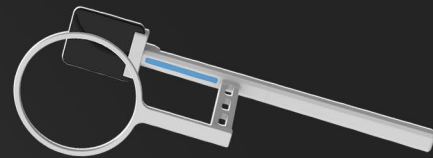
21 x 21



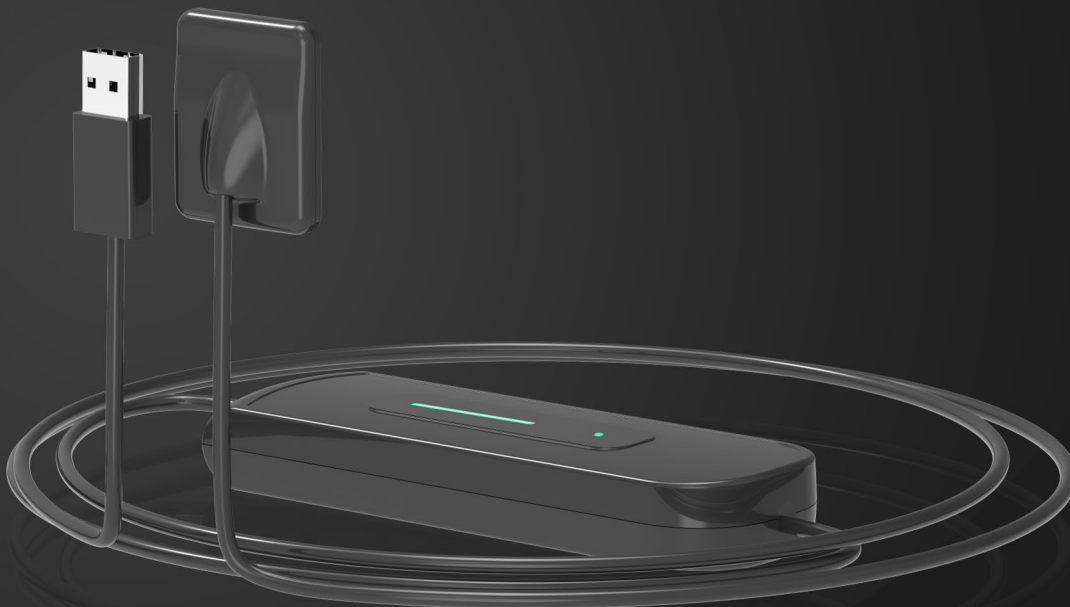
25 x 30



Optional sensor sizes meets the clinical needs of children and adults

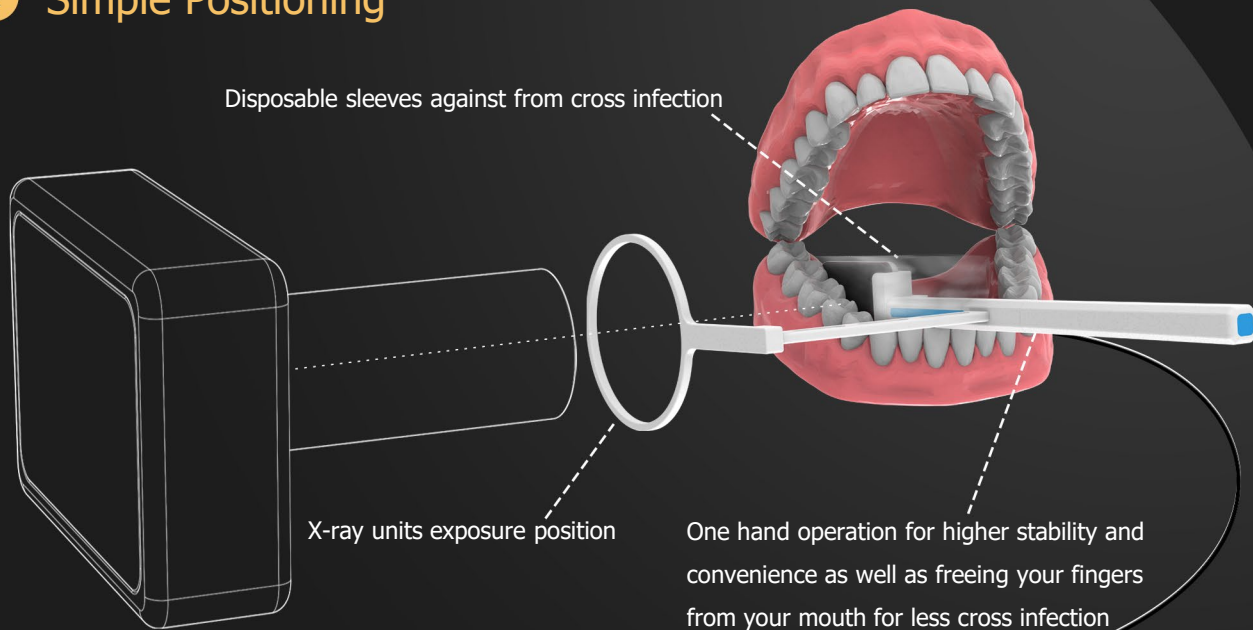


User friendly positioner for fast and accurate positioning



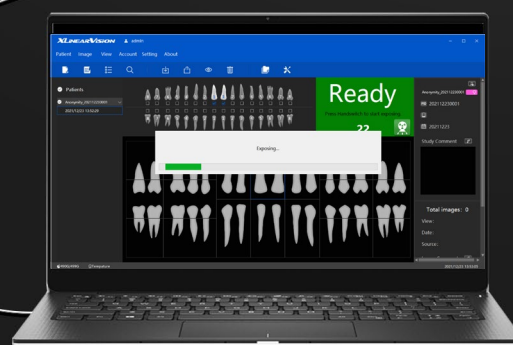
Do More

1 Simple Positioning



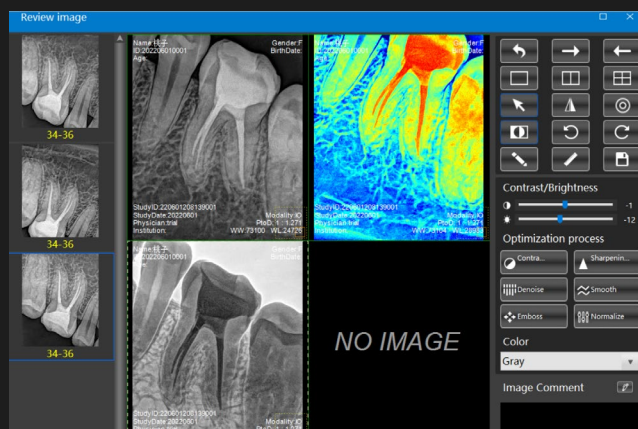
2 Instant Imaging

- Instant imaging for fast diagnosis
- USB 2.0 connection for sharp images
- 3 seconds for achieving images acquisition



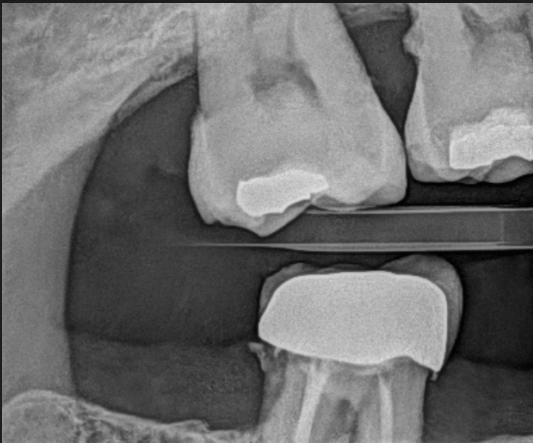
3 User-friendly Software

- One click installation with no need of IP settings
- Digital case management
- Smart contrast for sharper images
- Multiple-format images sharing & remote consultation



Better Images

Dynamic range of 16 bits creates high quality images for accurate diagnosis



Specifications	XVD2121	XVD2530
Technology	Photon-Counting Chip Without Scintillator Direct Conversion	Photon-Counting Chip Without Scintillator Direct Conversion
Dynamic Range	16bits	16bits
Actual Resolution	12~14lp/mm	12~14lp/mm
Active Area	21*21mm	25*30mm
Dimensions	26.5*32mm	30*37mm
Thickness	5mm	5mm
Imaging Time	3S	3S
Image Format	BMP/DIR/DCM/JPEG/PNG/TIFF	BMP/DIR/DCM/JPEG/PNG/TIFF
Connection	USB2.0	USB2.0
Waterproof	IP67	IP67
Cable Length	3m (Extendable)	3m (Extendable)
Support System	Windows 7,8,10	Windows 7,8,10



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