NanoPix

Intraoral X-Ray Sensor

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)

-leading technology from chest radiography

The Automatic Exposure Detection (AED) means no electrical connection to the Xray system is required, for seamless use with virtually all X-ray systems, maximizing the use of the existing X-ray equipment.

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

0.35um semiconductor manufacture process assure the high quality/cost ratio.

To bring out the smallest detail our CMOS sensor maximizes the active area at the pixel level and high resolution output of 20+ visible lp/mm.

Direct Deposition CSI Technology

-from chest radiography

Low dose radiation for safety

Less exposure time but higher resolution

*CSI - A premium quality needle Cesium Iodide scintillator 1 converts the X-ray beam into visible light and guides it through its needle like shape.

*Direct deposition － Best way for guiding the visible light to the CMOS sensor surface. This efficient structure allows for a high signal-to-noise ratio resulting in clean images with virtually no visual noise.

Advanced Sensor Design

*60000 shades of gray are generated by a 16-bit ADC converter allowing subtle variations in densities to be seen.

*Enhanced DQE (Digital Quantum Efficient enhanced quantum of this sensor makes it very receptive and efficient when capturing X-ray images across a dynamic range of radiation settings. Lower settings decrease patients' radiation exposure.

*At 2.2 megapixels, images can be displayed at ultralarge sizes — zoom way inwithout pixelation or loss of quality.

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

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

The Complete Image Solution:

excellent combination of DR Pad & its base

pre-installed software

multiple USB ports for diverse needs

build an instant connect with users