



# SENSOR

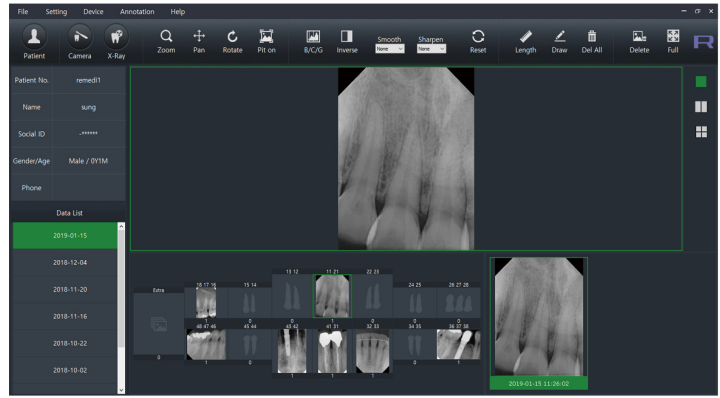
**Fast Response**  
**High Image Quality**

- CSI scintillator
- High Resolution
- Advanced Image Processing Algorithm
- Easy to Use
- Increased Patient Comfortableness and Ergonomic Design
- Easy Connection Using Twain Driver.

DIGITAL INTRAORAL IMAGE SENSOR



REVOLUTION IN  
MEDICAL DEVICES




### Product packaging



- Ergonomic design
- Plug and Use
- Durability



 Water Resistance

**SENSOR**  
Fast Response  
High Image Quality

### Unique features of the QuickRay USB Sensor

#### Image Quality

- Less Graininess – Enhanced image
- Contrast Resolution –
- Spatial Resolution – 19-micron pixel size

#### Patient Comfort

- Ergonomic design with round corners – 6.0mm radius
- Thin Sensor Plate – 5.4mm thick (less than 1/4")
- Low Profile Button – 6.0mm

#### Designed For Durability

- Thinner Cord – Direct USB from sensor plate to computer
- Sturdier Cord Jacket – Fewer wires enables greater protection
- Protected Against Fluids / Contaminants – Sealed cord / sensor junction
- Repair Option – Cord Serviceability

#### Ergonomic Design

- Broad range of acceptable exposure – superior electronic gain control
- Sang-Resistant Cord – No interface box or cord bulge
- Easier Cleaning – Immiscible in glutaraldehyde and other disinfectants

### SPECIFICATION

Parameter	IoDS-2401	IoDS-2402
Dimension (mm)	39 x 25	42 x 30
Image size (mm)	30 x 20	34 x 26
Image resolution (lp/mm)	25	
Pixel size (µm)	20	
Pixel pitch (µm)	20	
Total pixels (px)	1.5M	2.2M
Effective pixels (px)	1000 x 1500	1300 x 1700
Sensor Technology	CMOS with Optical Fiber	
Scintillator	CsI (TI)	
Interface	USB 2.0 high speed	
Frame rate (fps)	1.4	1

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