



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

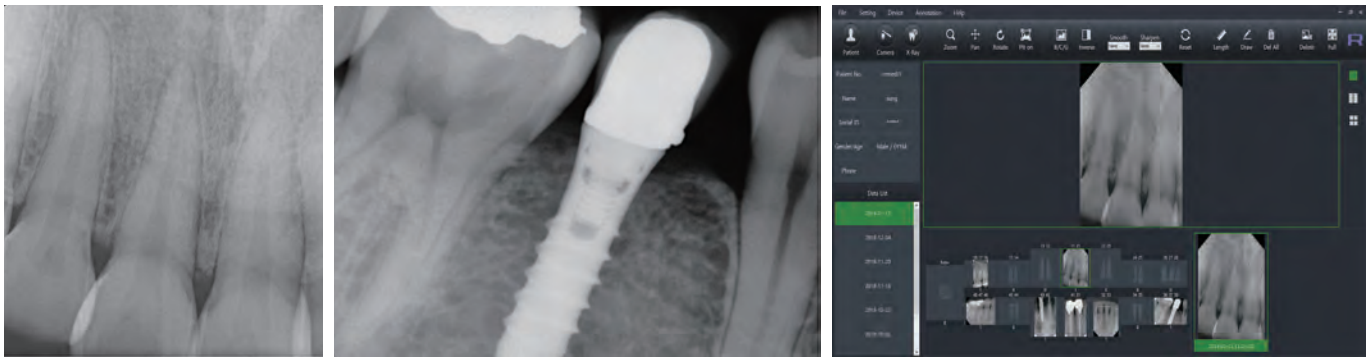


**REVOLUTION IN
MEDICAL DEVICES**



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Product packaging



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Fast Response
High Image Quality

FEATURES

Image Quality

- Less graininess - Enhanced image
- Contrast resolution - Best at the penny test
- Spatial Resolution - 19-micron pixel size

Patient Comfort

- Ergonomic Design with round corners - 6.0mm radius
- Thin Sensor Plate - 5.4mm (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
- Easy Cleaning - Immiscible in glutaraldehyde and other disinfectants

SPECIFICATION

Parameter	loDS-2401	loDS-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