

C L E A R

Intraoral Sensor

Dentium

For Dentists By Dentists

01 High Definition

“Get **Low-dose High-resolution** ”

images with CMOS Sensor

	Dentium	Company A
Image Size	1280x1801 ↑	1200x1650
X-ray Dose (Pixel Level 3000)	177.5 μGy ↓	451.5 μGy

* Radiation dose is around 40% of the product compared at the same image level

* Comes in 2 sizes: (IOX 2.0) for adults, (IOX 1.0) for children
* Performance may vary depending on the X-ray generator condition (e.g. year of manufacture, battery charge level)



Intraoral Sensor 3

02 Flexible Cable

“ **Stability** proven through intensive testing ”



User-friendly interface

Direct PC connection without control box

High durability (bending and tensile test)

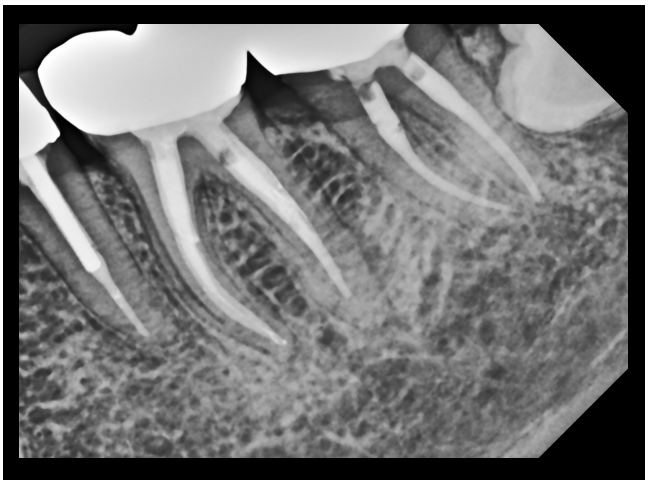
Higher completeness through intensive testing

03 Clinical Case

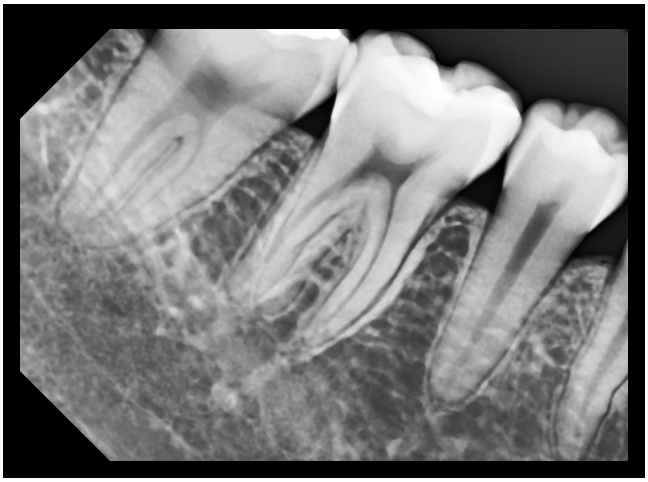
Implant Case



Root Canal Filling Case



Natural Teeth Case



04 Specification

	IOX 1.0	IOX 2.0
Dimensions (WxLxT mm)	24 x 36.7 x 5.1	29.1 x 42.6 x 5.1
Pixel Pitch (μm)	20 x 20	20 x 20
Active Area (mm)	20 x 30	25.6 x 36
Number of Pixel	1000 x 1500	1280 x 1801
ADC (bit)	12	
Data Interface	USB 2.0	
USB Cable Length (m)	2.0	
Input Voltage (VDC)	5	
Active Power (VA)	1	
Ambient Temperature(°c)	10~30 (Usage) -20~60 (Transportation And Storage)	
Relative Humidity (%)	30~95 (Usage) 10~95 (Transportation And Storage)	
Air Pressure (hPa)	700~1060	
Protection Against Matter/Water	IP68	

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Intra-oral Sensor

Clear!

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