REDEFINING INTRAORAL SENSORS

EzSensor HD™

HD   EXPERIENCE THE HIGHEST RESOLUTION

  4.8 MM ULTRA-SLIM DESIGN

CLEAR   NEW CONTRAST FILTERS FOR YOUR PERFECT IMAGE

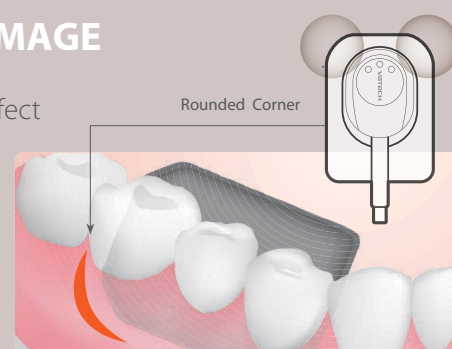HD   1.5

🄷🄳 EXPERIENCE THE HIGHEST RESOLUTION

The EzSensor HD is clinically usable at a wide range of exposure settings and is more consistent than all of the other sensors in the market. Practitioners benefit from reducing exposure-related retakes and find it less time consuming. Also, patients benefit from the reduction of radiation exposure. With our high sensitivity sensor, you can capture diagnosable images under any condition, even when using an old x-ray source.

	65 kVp 6 mA 8 cm Al Filter								65 kVp 6 mA No Filter												
(mGy)	0.020	0.025	0.030	0.040	0.050	0.060	0.100	0.125	0.160	0.200	0.250	0.320	0.400	0.500	0.630	0.800	1.000	1.250	1.600	2.000
(sec)	0.04	0.05	0.06	0.08	0.1	0.12	0.20	0.26	0.05	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.32	0.40	0.51	0.63

EzSensor HD

C Company

S Company

O Company

F Company

🄲🄻🄴🄰🄻 NEW CONTRAST FILTERS FOR YOUR PERFECT IMAGE

Switch quickly and easily among seven new contrast filters to find your perfect diagnostic image. Higher contrast filters can be utilized for periodontics, while lower contrast filters can be used for caries detection and restorative dentistry.

With the EzSensor HD, you will always have these filters at your disposal.

Rounded Corner

RAW LV1 LV2 LV3 LV4 LV5 LV6 LV7

SPECIFICATIONS (EzSensor HD : IOS-U10IF / IOS-U15IF / IOS-U20IF / IOS-U10VF / IOS-U15VF / IOS-U20VF)

Detector	CMOS	Pixel Size	14.8 µm
Theoretical Resolution	33.78 lp/mm	Dynamic Range	12 bit
Active Area (WxL)	Size 1.0 : 20x30 mm Size 1.5 : 24x33 mm Size 2.0 : 26x36 mm	Dimensions (WxLxT)	Size 1.0 : 25.4x36.8 mm (1.00"x1.45") Size 1.5 : 29.2x39.5 mm (1.14"x1.55") Size 2.0 : 31.3x42.9 mm (1.23"x1.69")
Thickness	4.8 mm (0.19")	Cable Length	2.7 m

* The specifications are subject to change without prior notice.

[Intended use]
An EzSensor HD is intended to collect dental x-ray photons and convert them into electronic impulses that may be stored, viewed, and manipulated for diagnostic use by dentists.

EzSensor Classic™

EASY DIAGNOSIS AND GREAT EXPERIENCE WITH EZSENSOR CLASSIC

EzSensor Classic consistently provides high resolution and clear images for accurate diagnosis and treatment planning.

VARIOUS SIZES (1.0 / 1.5 / 2.0)
Select the right sized sensor from the three size options to increase patient comfort.

ERGONOMIC DESIGN
The EzSensor Classic has a slim design with rounded corners for easy positioning to ensure patient comfort.

DURABILITY
The EzSensor Classic's unique design makes itself extremely durable. The exterior is made of rugged aluminum and the interior is designed to absorb the external shock. Furthermore, a reinforced, flexible cable attachment protects the sensor from excessive bending.

Square Corner   Rounded Corner

SPECIFICATIONS (EzSensor Classic : IOS-U10IB / IOS-U15IB / IOS-U20IB / IOS-U10VB / IOS-U15VB / IOS-U20VB)

Detector	CMOS
Pixel Size	29.6 μm
Theoretical Resolution	17 lp/mm
Dynamic Range	12 bit
Active Area (WxL)	Size 1.0 : 20X30 mm Size 1.5 : 24X33 mm Size 2.0 : 26X36 mm
Dimensions (WxLxT)	Size 1.0 : 25.4X36.8 mm (1.00"X1.45") Size 1.5 : 29.2X39.5 mm (1.14"X1.55") Size 2.0 : 31.3X42.9 mm (1.23"X1.69")
Thickness	4.8 mm (0.19")
Cable Length	2.7 m

* The specifications are subject to change without prior notice.

[Intended use]
Intra-Oral Sensor is intended to collect dental x-ray photons and convert them into electronic impulses that may be stored, viewed and manipulated for diagnostic use by dentists.

Included:

EzDent-i

THE WORLD'S FIRST CLINICAL IMAGING & PATIENT CONSULTATION SOLUTION

Featuring... Vatech's Virtual Consultation Tool (VCT)

With over 200 unique animations, VCT gives you the tools to not only educate patients on treatment plans, but also to show how this plan is relevant to their specific case.

Get The Most Out Of Your Images

Using our revamped Sharpening and Max Sharpening Tool, enhance the quality of your images even further than ever before.

Manage Your Images, The Easy Way

Organize and export your images quickly and efficiently and avoid complicated procedures and training using EzDent-i's intuitive Click-And-Drag based interface.