

## Technology at Glance

( Actual Size )

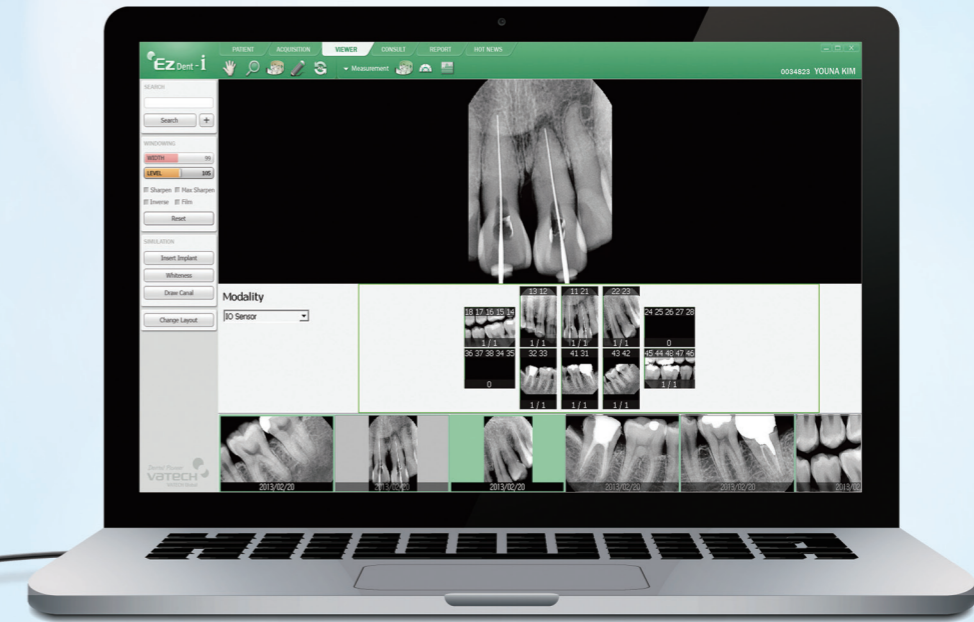


### Specifications EzSensor Classic: IOS-U10IB / IOS-U15IB / IOS-U20IB / IOS-U10VB / IOS-U15VB / IOS-U20VB

Detector	CMOS
Pixel Size	29.6 μm
Theoretical Resolution	17 lp/mm
Dynamic Range	12 bit
Active Area (WxL)	Size 1.0 _ 20 x 30mm Size 1.5 _ 24 x 33mm Size 2.0 _ 26 x 36mm
Dimensions (WxLxT)	Size 1.0 _ 25.4 x 36.8mm (1.00 x 1.45 inch) Size 1.5 _ 29.2 x 39.5mm (1.14 x 1.55 inch) Size 2.0 _ 31.3 x 42.9mm (1.23 x 1.69 inch)
Thickness	4.8 mm (0.19 inch)
Cable Length	2.7 m

#### | 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.



## EzSensor Classic

Your partner for Digital Clinic



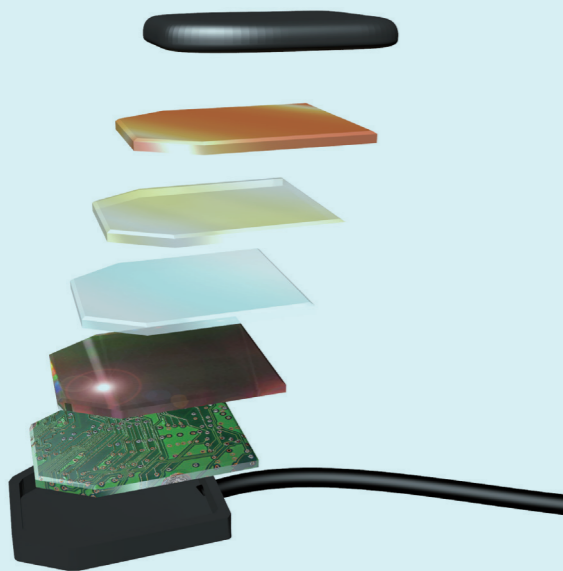
## 4.8 mm, Ultra-slim Design for Easy Positioning

1



**Slim CMOS** ensures that patients are as comfortable as possible.

- Placing and positioning a sensor in the patient's mouth is still challenging. Over the years digital sensor technology has been improved to achieve patient comfort.
- VATECH R&D Center found out the thickness that minimizes pain from the test, and led the technology maintaining the thickness while using CMOS chip.



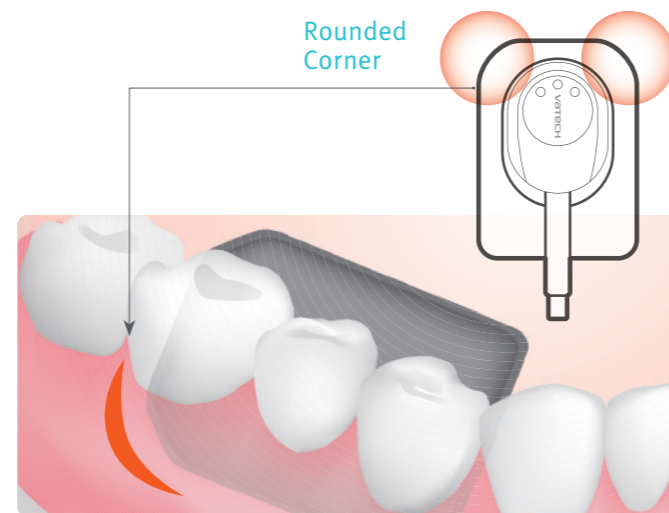
## Patient Oriented Design

2



Rounded corner design allows **maximum comfortable** placement against soft tissue.

- Patients feel pain because delicate oral mucosa gets pressure from a hard sensor corner. Rounded corner can reduce that pain. But it has a possibility of reducing active image area. This is the technology that sustains the perfect balance between them.
- Ergonomically designed sensors in 3 different sizes meet the needs of various cases. The rounded & cut edges provide best possible comfort for the patients. The Vatech's unique size 1.5 sensor fits almost all patients.
- The advantage of a digital sensor is to provide fast and efficient Workflow. Direct USB type enables immediate image transfer and highly portable capture. Hermetically sealed waterproof to protect against fluids and contaminants. (IP 68)



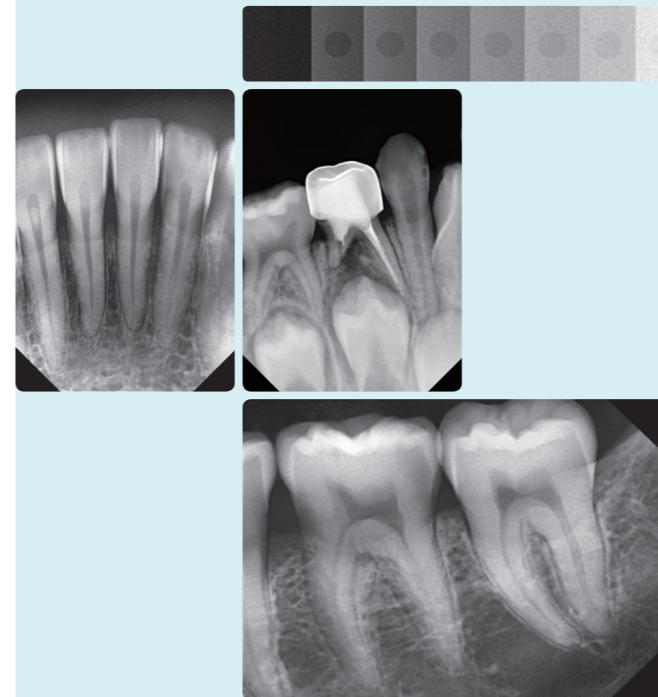
## Trustworthy Image

3



**EzSensor Classic** provides the image for accurate diagnosis and treatment planning.

- EzSensor Classic covers a wide range of exposure settings, capturing a consistent and diagnosable image. With our high sensitivity sensor, you can capture diagnosable images under any conditions, even when using old X-Ray sources. Patients can get advantage of the lower radiation.
- Thanks to the high contrast, it could be possible to look inside different density (opacity) in detail. Moreover, you can distinguish interproximal caries from the image easily.



## Powerful Consultation

4



**EzCodi**, The complete solution for your consultation.

- "One animation is worth a thousand words!" EzCodi, 50 sets of clinical case animation make your consultation more powerful and help patients understand better.

EzCodi

