



EzSensor HD™

REDEFINING INTRAORAL SENSORS

EzSensor HD

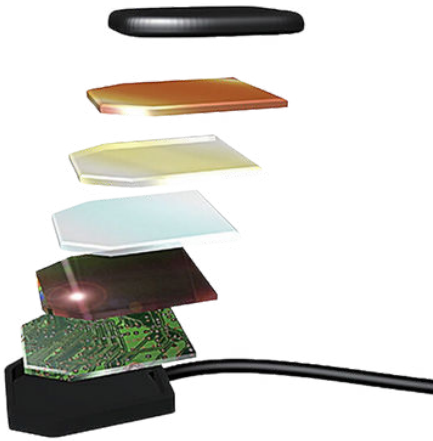
- MAKE YOUR OPERATION EASY, FAST AND PROFESSIONAL
- 33.78 LP/MM EXPERIENCE THE HIGH RESOLUTION
- EZSENSOR HD WILL UPGRADE THE EXISTING INTRAORAL SENSOR STANDARDS
- INNOVATION IN DURABILITY – UPGRADED USABILITY AND RAISE VALUE
- COMPLETE PROTECTION AGAINST DUST AND WATER



33.78 lp/mm experience the high resolution

EzSensor HD especially provides expert images for endodontists and implantologists when you choose the 'high resolution mode'.

There is no image degradation caused by magnification. This greatly benefits you, when you check ROI which requires accurate diagnosis.



EzSensor HD will upgrade the existing intraoral sensor standards

How did we create such a high quality sensor?

- New image processing algorithm applied
- Well balanced imaging factors – resolution, sensitivity, and noise
- In-house manufacturing components (from CMOS design to viewer software)

Innovation in durability Upgraded usability and raise value

Enhanced durability through cable strain relief. EzSensor HD is designed to prevent any kind of damages in its everyday use. Based on actual usage, our durability test includes bending up, down, left, right side and bending up to four times.

Complete protection against dust and water

EzSensor HD rated at IP68, the highest level of the Ingress Protection [IP].



DIMENSIONS

[Unit : mm]



SPECIFICATIONS

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

Detector	CMOS
Pixel Size	14.8 μ m
Theoretical Resolution	33.78 lp/mm
Dynamic Range	12 Bit
Active Area(WxL)	Size 1.0 _ 20 x 30 mm Size 1.5 _ 24 x 33 mm Size 2.0 _ 26 x 36 mm
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(0.19inch)
Cable Length	2.7 m