

HDR-500/600

Digital Dental X-Ray Imaging System

CE 0123

Faster Imaging

Compared to the traditional film, the HDR sensor imaging speed is much faster.

Higher Definition

Two sensor sizes with 1.92 million and 2.76 million pixel resolutions respectively, even the subtle apical bifurcation can be easily found.

Powerful Imaging Management Software

Handydentist imaging software with powerful image processing algorithms and logical management structure helps to make dentists' daily practices easier.

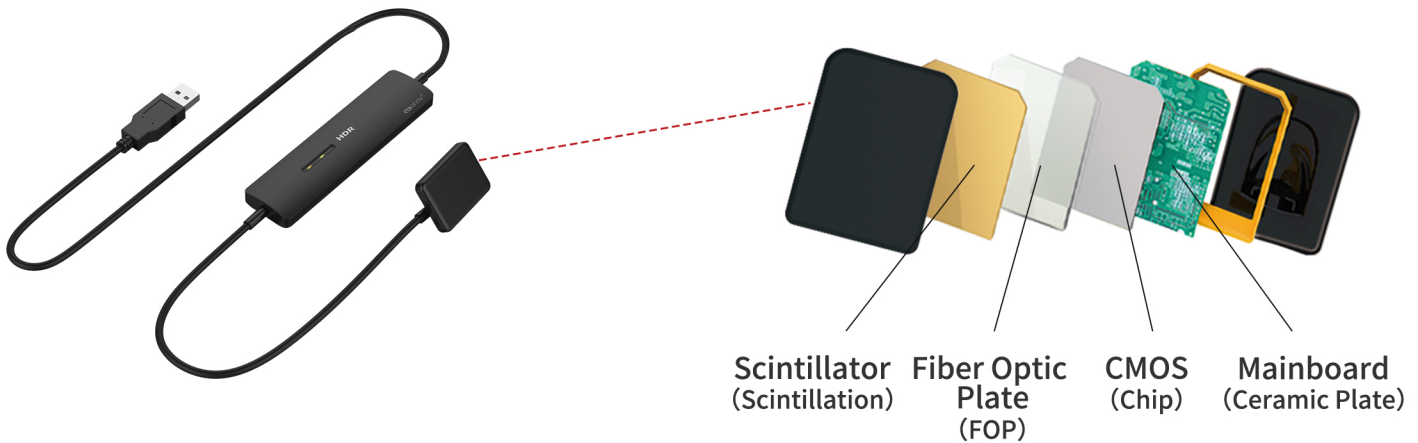
Bigger Active Area

HDR size 1.3 is with a bigger active area as 22.5x30mm, while most size 1 sensors in the market are with 20x30mm. Bigger active area is able to cover more data, especially easier to view the posterior area, since the average molar length is 22mm.



Better Compatibility

HDR series can be compatible with various brands of X-ray machines in the globe market.



HDR-500 Parameter

Picture Pixels
1.92M(1600*1200)

Size
39x27.5mm

Active Area
30x22.5mm=675mm²



Scintillator
GOS

Fiber Optic Plate
YES

Chip Type
CMOS APS

Pixel Size
18.5μm

Operating System
Windows7/Win 10
(32bit&64bit)

Line Pair Resolution
Theoretical Value:27 lp/mm
Actual Value:≥10 lp/mm

Other
TWAIN

HDR-600 Parameter

Picture Pixels
2.76M(1920*1440)

Size
45x32.5mm

Active Area
36x27mm=972mm²



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