

Key Features :

- ✦ HD Quality Sensor
- ✦ Water & Dust resistant
- ✦ Direct USB Plug-and-play
- ✦ Extraordinary performance, practical ergonomics & high technology - Perfect balance between comfort & cutting-edge technology
- ✦ Immediate diagnosis & Real-time High Definition images
- ✦ Can be used with all X-ray systems
- ✦ iPad App

Multilayer Sensor

Protective body - Ip67

Precision scintillator

CsI

Optic Fibre Protection Layer

FOP

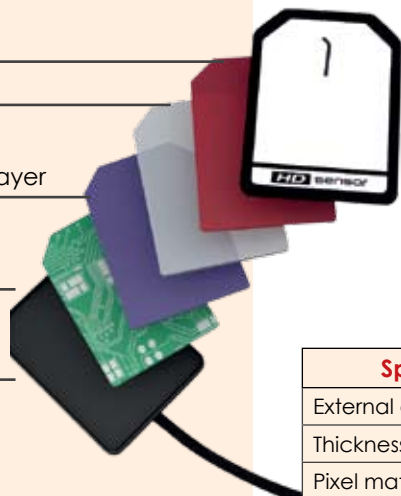
High definition sensor

HD CMOS

Electronic

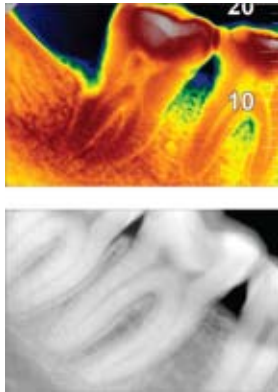
image

processing



X-VS HD

Intraoral Sensor



Specifications	Sensor Size 1
External dimensions	38.9 x 24.9 mm
Thickness	5.3 mm
Pixel matrix	1500 x 1000
Pixel size	20 µm
Maximum resolution	25 lp/mm
Grey levels depth	14-bit acquisition - 16384 maximum grey levels
Scintillator technology	CsI (Cesium Iodide) with micro-columnar structure
Direct exposure protection	FOP (Fibre Optics Plate)
Protection rating	IP 67 (Guaranteed against liquid or dust infiltration)
Compatibility with X-ray generators	Any AC or DC technology X-ray generator with kV values in the 60-70 kV range and precision control of exposure times
Connectivity	Direct USB to PC
Acquisition software (for PC)	iCapture with TWAIN interface
Image management software (for PC)	iRYS (for PC) with DICOM 3.0 interface with free viewer and APP for iPad

iRYS - ALL-IN-ONE SOFTWARE

Easy to use & Ideal for diagnostics, communication & management of intraoral imaging.

