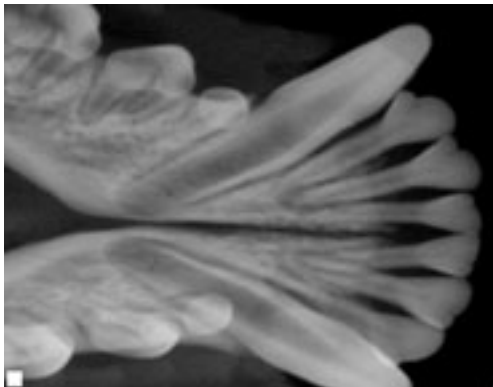




QUALITY | INTEGRITY | VALUE *DIS privately owned since 1983*

## MasterDent Dental Sensor



MasterDent is a CMOS area image sensor developed for High Quality X-ray imaging. The image sensor has 2.1 mega pixels (1300x1700) with a pixel size of 20x20  $\mu\text{m}$  and a monitoring photodiode for monitoring and detecting X-ray radiation. FOP (fiber optic plate) used at the input window ensures high image quality and long sensor life. This product is dust and water proof.

**Joe@VetXray.com 1.800.346.9729 www.VetXray.com**  
**2325 E. Saint Charles St. | Rapid City, SD 57703**

## Specifications:

- Main Features
- Pixel Size: 20 x 20  $\mu\text{m}$
- 1300 (H) x 1700 (V) Pixel Format
- High Resolution (12 LP/mm)
- Dynamic Range: 57dB
- USB 2.0 Interface
- Equipped with Dose Meter
- Dust & Water Proof, equivalent of IP67
- Three Sensors can be simultaneously connected to one PC

## Structure

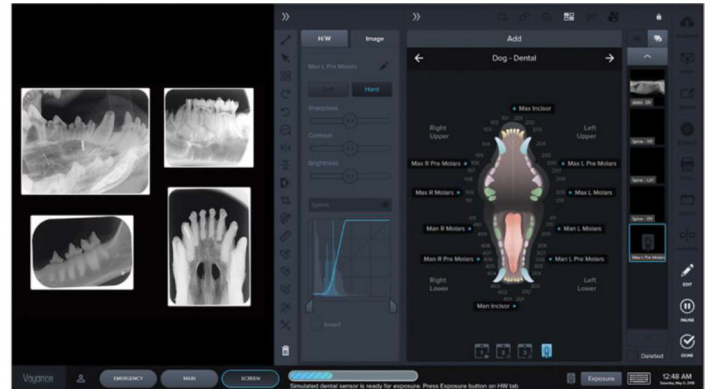
- Image size (H x V): 26 x 34 mm
- Number of total pixels (H x V): 1300 x 1706
- Number of effective pixels: 1300 x 1700
- Scintillator type: GOS

## Characteristics & Ratings:

- Supply Voltage: 4.75 – 5.25 Volts
- Operating Temperature: 0 to 95 degrees Fahrenheit
- Storage Temperature: -4 to 158 degrees Fahrenheit
- Incident X-ray energy: 20 to 90 kVp
- Current Consumption: max. of 155 mA

## Voyance Acquisition Software:

- Superior Image Quality
- Exam-specific algorithms image processing
- Automatic image optimization
- Edit existing patient information/search patient by patient name, patient ID, Accession number, bar code, etc.
- True size for printing
- Resend / Reprint image
- Send/Print queue management
- User-friendly touch GUI
- Useful functions: Auto Cropping, Auto Grid Suppression, Auto Labeling, Auto Rotation, Free Rotation, Multi Layout, etc.
- Fully DICOM 3.0 Compatible: MWL, Send, Print, MPPS, etc.
- Various operation modes: veterinary, vehicle, equine, dental
- Customized functions and various themes



## Voyance PACS

Voyance Server is a complete and cost effective Voyance Imaging solution that provides imaging departments with a scalable and upgradable solution to archive patient studies. The Voyance Server solution includes features to archive patients, retrieve studies, print studies, edit patient reports, record voice notes with patient study, and transmit studies over telephone lines or internet.

- Voyance Server solution consists of a group of software and hardware components that has specifically chosen to provide the maximum performance and scalability.
- Supports all DICOM modalities.
- Archiving on PACS server and on the Network.
- Multi-Level relational database structure for patients/studies/series and images.
- Supports pre-fetching and auto-routing of patients to the modalities.
- Scalable and Upgradable
- Multi-Lingual
- Easy Administration
- All DICOM Features