

Hamamatsu Imaging™ - System is one product

- intraoral sensor
- Intraoral cameras
- Digital cameras
- Video-microscopes
- Flat-bed scanners

Hamamatsu Imaging is a world class, comprehensive designed to manage dental images providing easy image capture from all types of dental imaging devices.

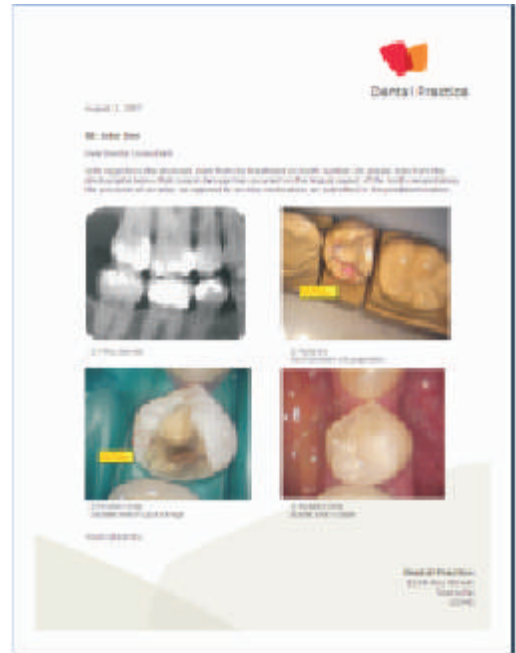
Digital camera images, intra-oral camera images, and intra-oral radiographs, are all automatically saved into the patient's record. Quick image retrieval enables effective treatment presentation and the creation of professional printouts.



- Device dependent
- Text and shape annotations
- Length measurement
- Teeth whitening
- Adjust contrast on mouse move
- Area optimizer (flashlight)
- Custom-definable filters
- Extra-sharp filter
- Perio, Endo, Implant
- Caries Optimized View



- Easy portfolio creation
- Catalog images by procedure
- Quick and simple retrieval of images
- Show “before and after” of similar cases
- Save for future reference
- One click print or email
- Slide shows for patient education
- High patient confidence
- Increased treatment acceptance



- Custom definable text
- Automatic image layout
- Predefined letter templates
- Custom definable document templates
- Real scale for panoramic and cephalometric images
- Print size factor for single images
- Images in JPEG format
- Include text file with image information
- Easy import of received email

- ✂ High dynamic range : 12-bit
- ✂ Resolution : 20Lp/mm
- ✂ 1500(H x 1000(V) pixels format
- ✂ Pixel size : 20 x 20 μm
- ✂ Coupled with FOS for X-Ray imaging
- ✂ 100% Fill factor
- ✂ Low dark Signle
- ✂ Low readout noise
- ✂ MPP Operation
- ✂ AC/DC X-Ray Source adapted

The S10810 is an FFT-CCD image sensor suitable for intra-oral X-Ray imaging in dental diagnosis. The S10810 has 1.5 mega(1500 x 1000) pixels, each of which is 20 x 20 μ in size. The FOP (Fibre optic plate) used as an input window is as thin as 1.5mm, making high resolution as well as highly resistant to X-Ray irradiation. The scintillator coated on the FOP is optimized to have high X-Ray sensitivity and high resolution (20Lp/mm)

**HAMAMATSU**

Mamamatsu photonics k.k, Solid State Division

1125-1 Ichino-cho, Higashi-ku, Hamamatsu City, 435-8558 Japan, Telephone : (81) 53-434-3311, Fax : (81) 53-434-5184

[www.hamamatsu.com](http://www.hamamatsu.com)