

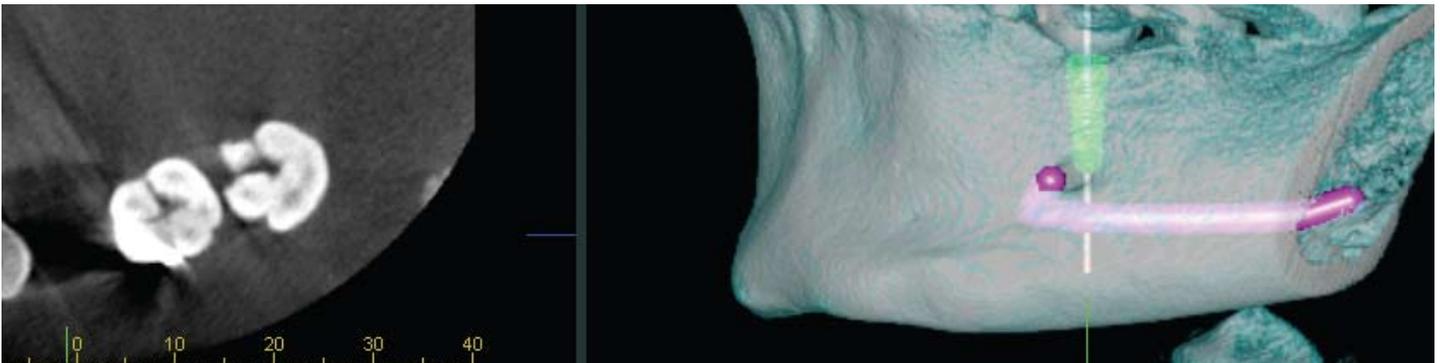
i-Dixel 2.0
3D Imaging Software

 J.MORITA MFG.CORP.

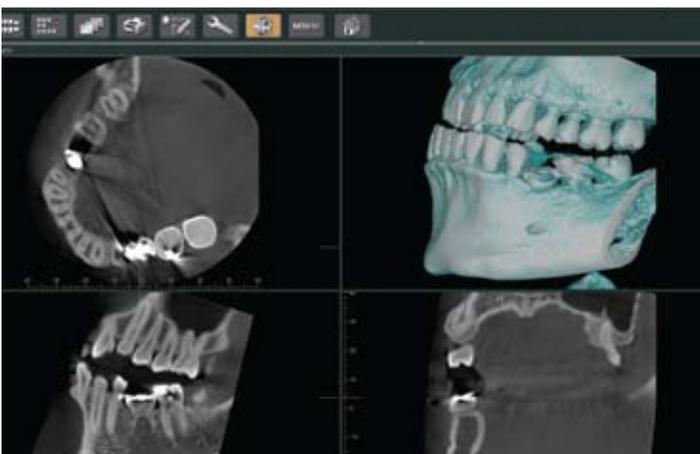
Thinking ahead. Focused on life.



i-Dixel for 3D Images



i-Dixel 2.0 imaging software offers a range of features from the initial exposure to the final diagnosis allowing for a thorough examination. An improved user interface makes i-Dixel 2.0 easier to use and navigate. Software features include a drawing function in the mandibular canal, presentation for implant therapy, and volume rendering which converts three-dimensional X-rays to solid images which can be rotated, magnified, and sliced in real time. i-Dixel also offers the unique ability to view both CT slice images and volume rendered images at the same time on the computer screen. In addition, an updated software filter has improved the uniformity and resolution of the images displayed in One Data Viewer (viewing software).



- Volume Rendering
- Mandibular Canal Tracing
- Implant Planning
- cMPR Image Processing
- One Data & One Volume Viewers
- DICOM 3.0 Compatible
- Other Features:
 - Zoom
 - Volume Slicing
 - Dynamic Cut
 - Length Measurement
 - Angle Measurement
 - Negative Image
 - Surface Rendering
 - Movie

Volume Rendering

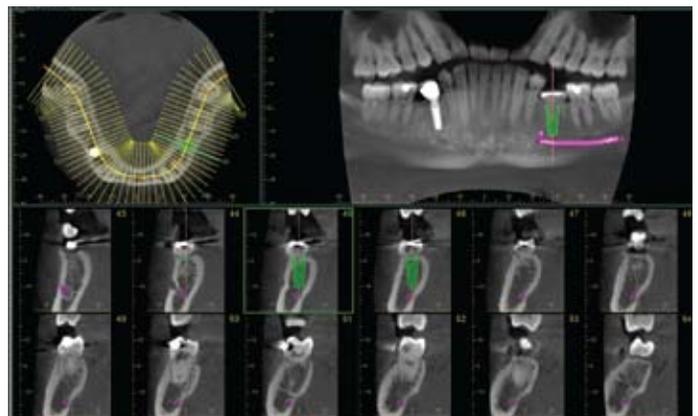
Volume rendering displays a solid 3D image showing the bone structure and dental arch. The volume rendered image is linked to the slices and moves in real time whenever a slice is adjusted.

Theme Colors

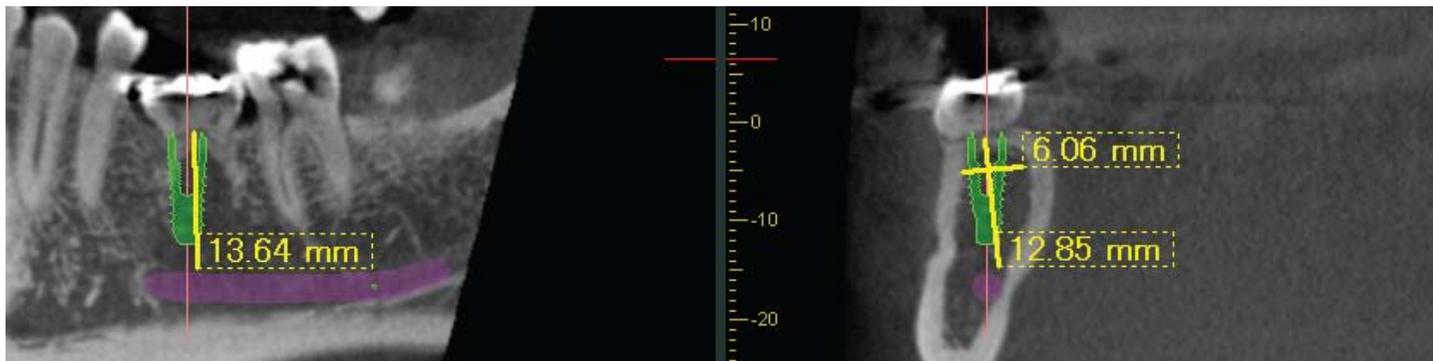
Select any one of the four background colors available.

Curved MPR Processing

Create cross-sectional slices (images) that are perpendicular to the dental arch.

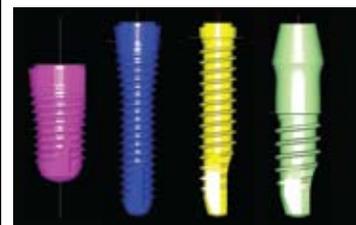


Wide Range of Features from Volume Slicing to Implant Planning



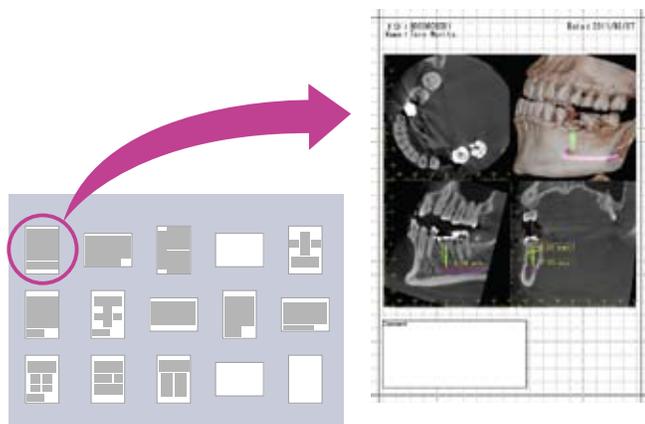
Implant Planning

This feature allows you to specify the length and diameter of implant fixtures and paste them into the image. This presentation is easily understood by patients and helps with case acceptance.



Mandibular Canal Tracing

i-Dixel offers a drawing function for the mandibular canal to highlight its location relative to the implant region, as well as its buccal and lingual location.



One Data Viewer

i-Dixel offers a unique export feature that allows the 3D images and patient data to be shared. The export process generates a folder containing the image data along with an executable application file called One Data Viewer. This executable file is compatible with any computer running Microsoft® Windows and does not require the installation of any additional software. Once exported, the image data can be shared across a local or wide area network. One Data Viewer includes a subset of i-Dixel functions such as the measurement of distances and angles, zoom in and out, invert the grayscale, and adjust brightness, contrast, and gamma. The full featured i-Dixel software can also be installed on multiple computers within the clinic network.

Compatibility

i-Dixel 2.0 comes standard with all Morita 3D units. It is DICOM 3.0 compliant and compatible with Microsoft® Windows 7. i-Dixel can be seamlessly integrated into a network environment. It is also fully integrated with TDO Practice Management Software, the most comprehensive and widely used endodontic software in the world. Validated third party software includes:

Print Center

Easy to use templates are designed for quick set-up and printing.

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In 1916, Junichi Morita started to import products of the leading dental equipment manufacturers into Japan, where demands for modern dentistry were growing. His venturesome attempts of supplying selected products for oral healthcare has grown steadily by receiving valuable support and guidance from the dental profession. His enterprising spirit lives through the decades, and all Morita Group Companies join in continuing to pursue marketing, distribution and services, as well as R&D and manufacturing, in collaboration with world leaders in healthcare products and research organizations.

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