



# Dental e-catalog

Digital X-ray Imaging System



 **GENORAY**  
America Inc.

# Software THEIA

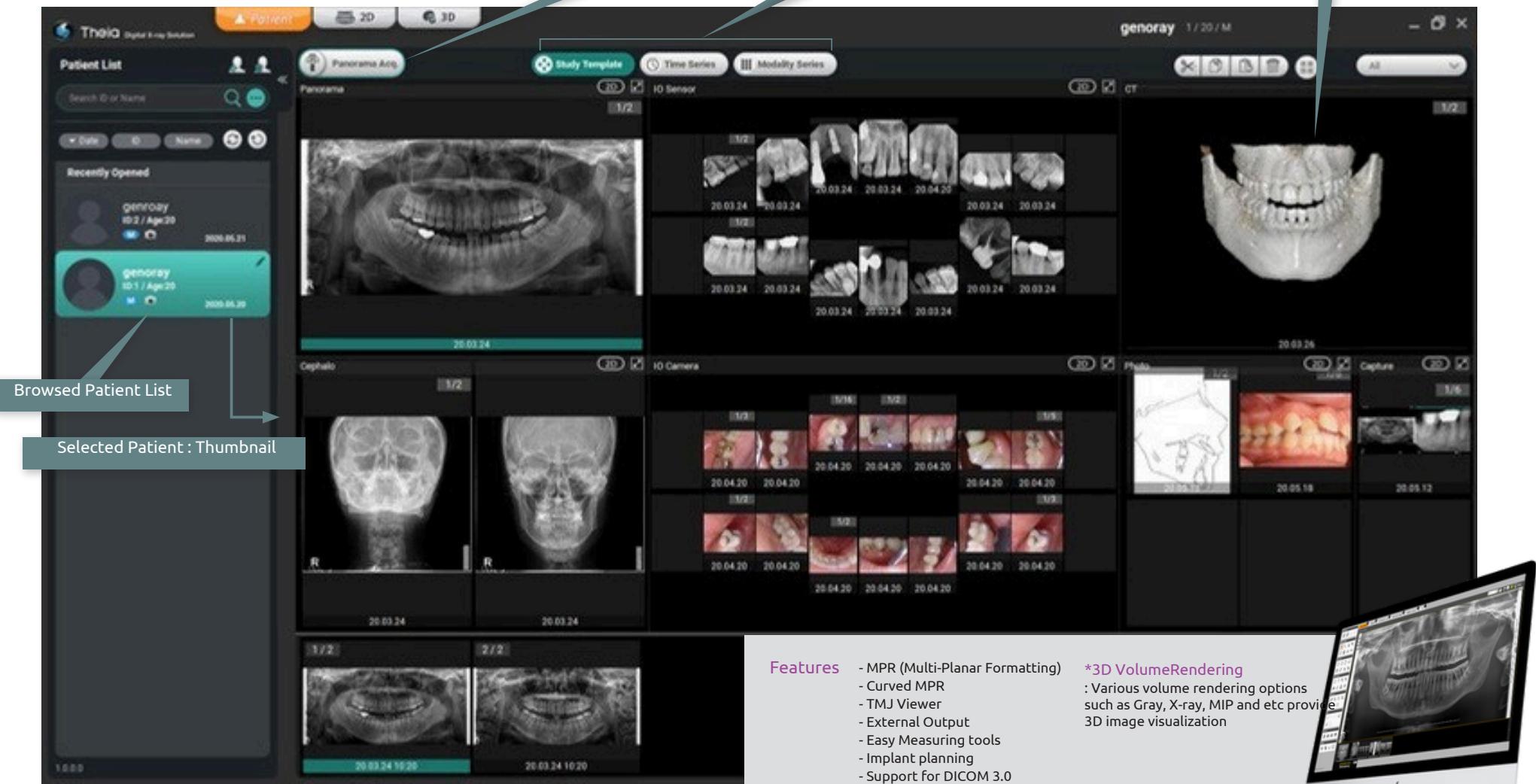
Powerful 3D image viewer for accurate diagnosis

**Thumbnail View** :Check all images at once

Scene Mode

SelectTemplatetype (tap)

3D Preview



## Features

- MPR (Multi-Planar Formatting)
- Curved MPR
- TMJ Viewer
- External Output
- Easy Measuring tools
- Implant planning
- Support for DICOM 3.0

## \*3D VolumeRendering

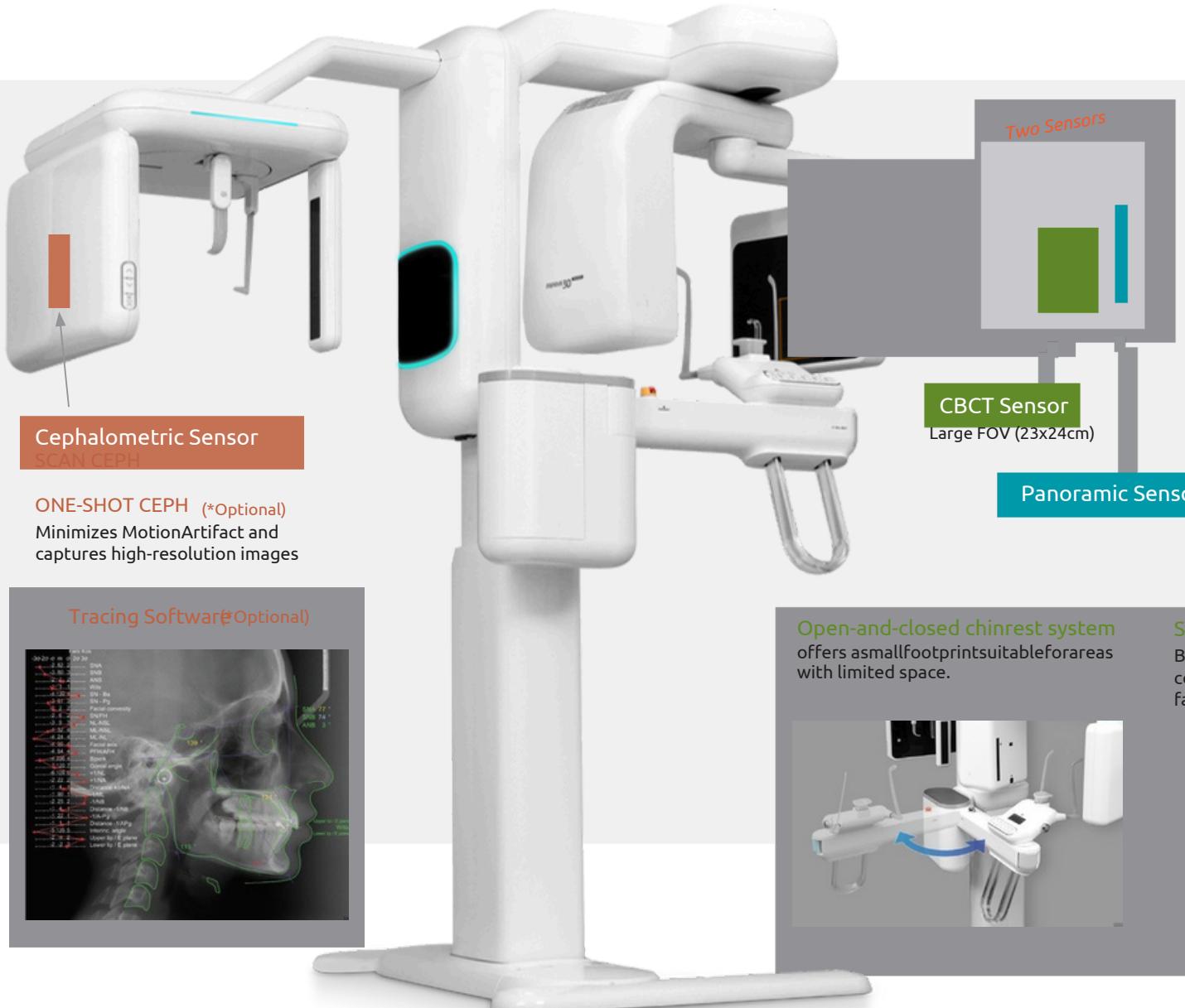
: Various volume rendering options such as Gray, X-ray, MIP and etc provide 3D image visualization



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# PAPAYA 3D PREMIUM PLUS

4 in 1 (CBCT, Panoramic, Cephalometric, Model Scanning) system

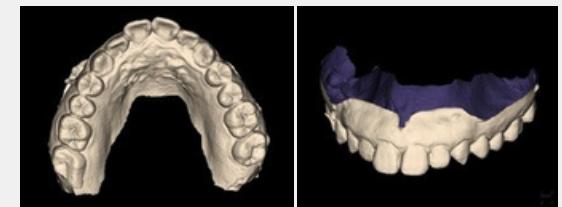


## Multi Focus

Selects automatically the most optimized image

## Model Scan Mode

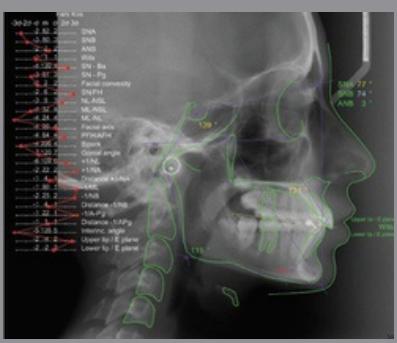
Converts CT images into STL  
Temporary prosthesis, Implant, Orthodontic treatment



## ONE-SHOT CEPH (\*Optional)

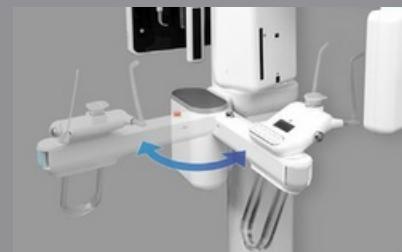
Minimizes Motion Artifact and captures high-resolution images

## Tracing Software (\*Optional)



## Open-and-closed chinrest system

offers a small footprint suitable for areas with limited space.



## Smart Positioning

By creating a database based on the patient-specific exposure conditions and positioning of the previous images, you can create fast and convenient scans without any additional adjustments.



Creating  
a database



Data  
Management



Smart  
Positioning

# PAPAYA 3D PLUS

Combination Dental X-ray Imaging System

## Fast Scan Time

- Minimal radiation exposure with a 7.7 seconds fast shooting time.
- Minimize motion artifacts during exposure to produce clear, accurate images



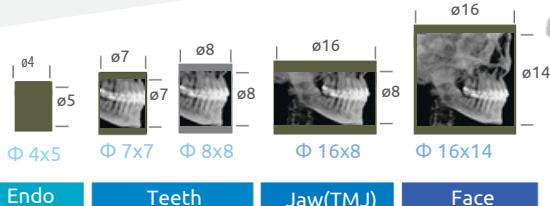
## Auto-Stitching Technology (\*Optional)

Auto-Stitching, a function(algorithm) that automatically calibrates and compensates for the patient's movement at the time of shooting, combines two images to reconstruct an optimal image.



## Multi-FOV Selection

Multi-F.O.V. selection enables accurate scanning whilst keeping dose levels to a minimum.



# PAPAYA PLUS

Panoramic / Cephalometric / Tomography

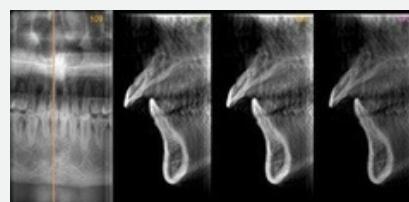
## Multi-Focus function

can overcome patient mis-positioning. The user is therefore able to find the most optimally-focused choice from a selection of images.



## Tomography Imaging (\*optional)

PAPAYACUST is an 3D imaging function that provides cross-sectional information for implant preparation.



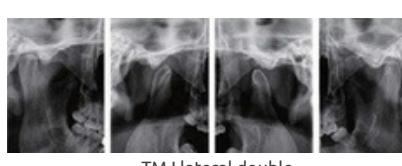
## Exposure Programs

PAPAYA PLUS supports various kinds of exposure program, and they fulfill diagnosis needs. Lateral, AP, PA, Water's view, Submento vertex, and carpus are supported.



Standard panoramic

Bitewing



TMJ lateral double



# PAPAYA series Clinical Images



Standard panoramic



Orthogonal panoramic



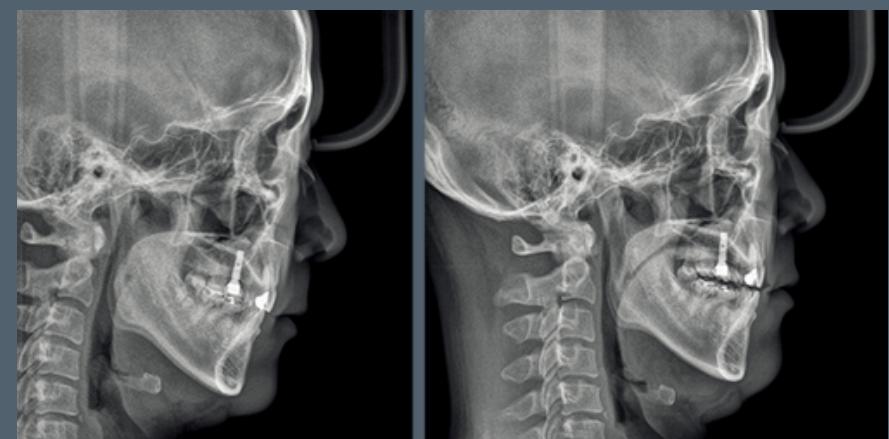
Large FOV CT - 23 x 24 Full Skull Mode



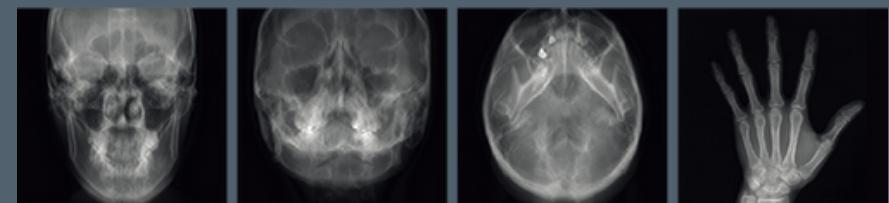
Sinus PA / Sinus lateral midsagittal



X-ray segment



Bitewing



TMJ lateral double

# Port-X IV

Innovative Portable X-Ray, All in One



1.5kg weight

0.4mm Focal spot

70 kV Tube voltage

## Compact and sharp portable X-ray

- Ergonomic design for one handed operation
- Lightweight and compact due to optimal tank design
- Image viewer with clear IPS LCD Screen IPS
- Winner of Red Dot Award for Design 2017

## All In one portable X-ray

- Straightforward process for image capture with intuitive icons and track ball
- Easy data transmission to PC & Mobile App and firmware upgrades via Wi-Fi
- Multiple language support
- Patient and data management capabilities without a PC

## Superior image quality

- Crystal clear images from 0.4mm Focal spot and 70kV X-ray Tube



USB 2.0

# GIX-1

DigitalDentalIntra-Oral Sensor



CMOS area image sensors  
USB interface type  
Monitoring photodiode  
Waterproof

- Pixel size : 20x20um
- High resolution : 20Lp/mm typ
- Dynamic range : 57 db (size1) / 75 db (size2)
- USB 2.0 interface
- Waterproof : equivalent of IP67

Directly connect to Port-X IV for instant images

Portable X-ray + I/O sensor integrated system  
Immediate image display on LCD with I/O sensor connections

## Network structure

Software Triana / PortView



- X-ray room
- Counseling room
- Unit chair



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# DVAS Features

## Guide mode

When the button is pressed, the exposure position guide automatically appears based on the selected angle



## LED Pointer

The LED for the X-ray position guide is activated on the patient



## Clinical images



Focal spot 0.8mm



DVAS Focal spot 0.4mm

# DVAS-C

Chair type (Fixed)



Chair type (Foldable)



# DVAS-M

Mobile type



# DVAS-W

Wall-mount type



# Port-X IV e

Super Light Portable X-ray



1.5kg weight

- Compact size, Light weight
- Portable camera type
- Easy to control UI
- Superior image quality



# Port-X III      Port-X II

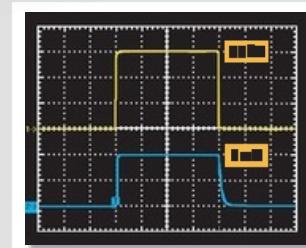
Steady Seller



- Excellent Image Quality
- Wireless Camera type
- Perfect Output for film
- Digital Sensor : 60kV, 2mA
- Easy Operation : Graphic LCD

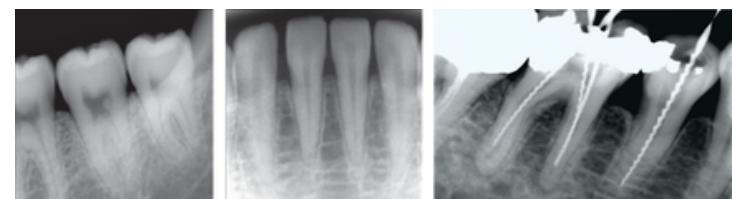


## High Frequency Inverter



Stable output of X-ray radiation,  
Excellent image quality

- Light and small body
- Small doses of radiation keeps patients and dentists away from radiation.
- High performance Tube and HFI make images sharp and clear.



# Instadose®VUE Dosimeter Bluetooth



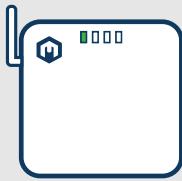
## Wireless Dosimeter

The Instadose®VUE provides fast exposure reporting and dosimeter status feedback, making exposure tracking and compliance easier. With the use of Bluetooth® Low Energy (BLE)Technology, it wirelessly transmits radiation dose exposure anywhere, anytime, and as often as needed. Now administrators and wearers can track dose on-demand.

## Instadose®VUE Communication Devices



Instadose  
Companion  
Mobile App



InstaLink™3  
Gateway

To transmit dose data, Instadose®VUE dosimeters must be within range of one of these Communication Devices.

# Radiation Safety Lead Free Aprons



Authorized Distributer | Certified Partner



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