Dental e-catalog

Global healthcare,Endless innovation, **A better world**.

GENORAY

Software **THEIA** Powerful 3D image viewer for accurate diagnosis

Thumbnail View : Check all images at once

Scene Mode

Select Template type (tap)

3D Preview

Browsed Patient List

Selected Patient : Thumbnail

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

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

PAPAYA 3D PREMIUM PLUS

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

Two Sensors

Multi Focus
Selects automatically the most optimized image

Model Scan Mode
Converts CT images into STL
Temporary prosthesis, Implant, Orthodontic treatment
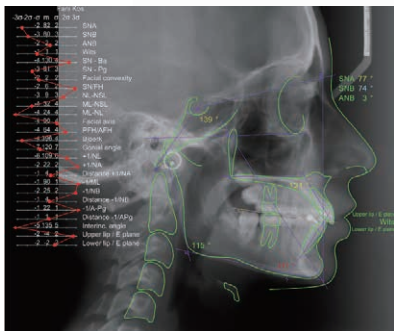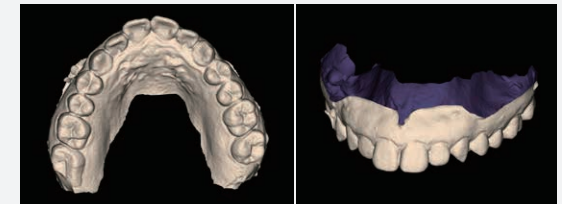
CBCT Sensor

Large FOV (23x24cm)

Panoramic Sensor

Cephalometric Sensor

SCAN CEPH
ONE-SHOT CEPH (*Optional)

Minimizes Motion Artifact and
captures high-resolution images

Tracing Software (*Optional)

Open-and-closed chinrest system
offers a small foot print 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.

First visit
**Creating
a database**

Data
Management
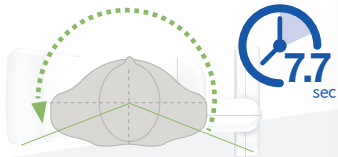
Second visit
**Smart
Positioning**

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

7.7 sec

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.

160

140

Auto-stitching

Multi-FOV Selection

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

ø4
ø5
ø7
ø7
ø8
ø8
ø16
ø8
ø16
ø14

Φ 4x5   Φ 7x7   Φ 8x8   Φ 16x8   Φ 16x14

Endo   Teeth   Jaw(TMJ)   Face
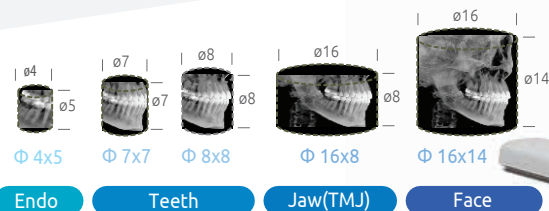
PAPAYA PLUS
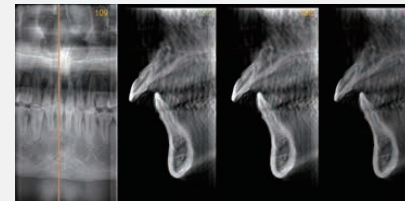
Panoramic / Cephalometric / Tomography

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)

PAPAYA CUST is in a 3D imaging function that provides
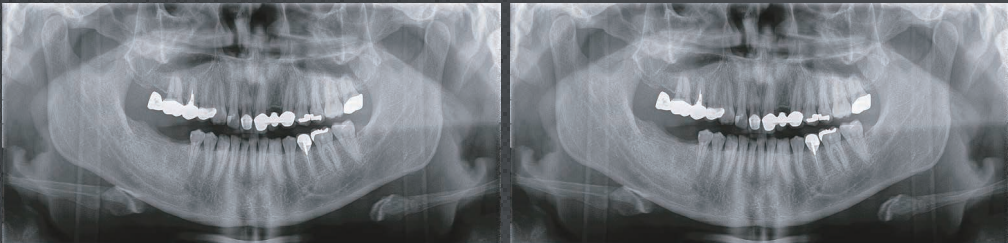cross-sectional information for implant preparation.

Exposure Programs

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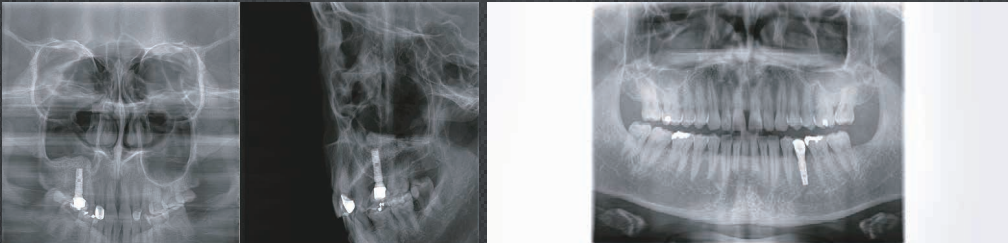and carpus are supported.

Standard panoramic   Bitewing
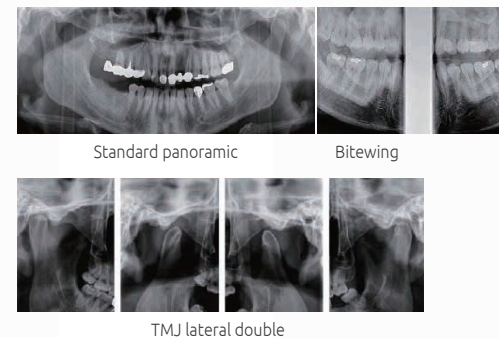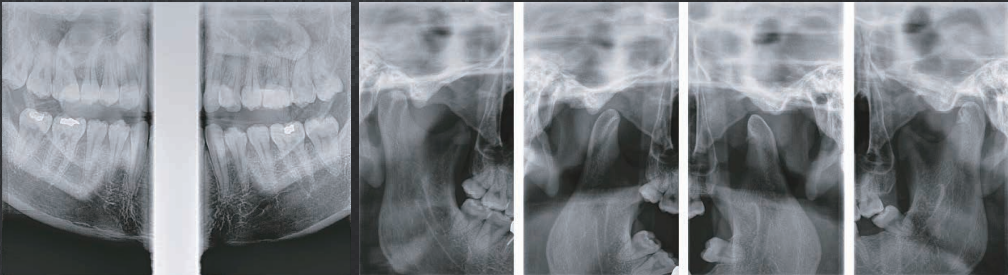
TMJ lateral double

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
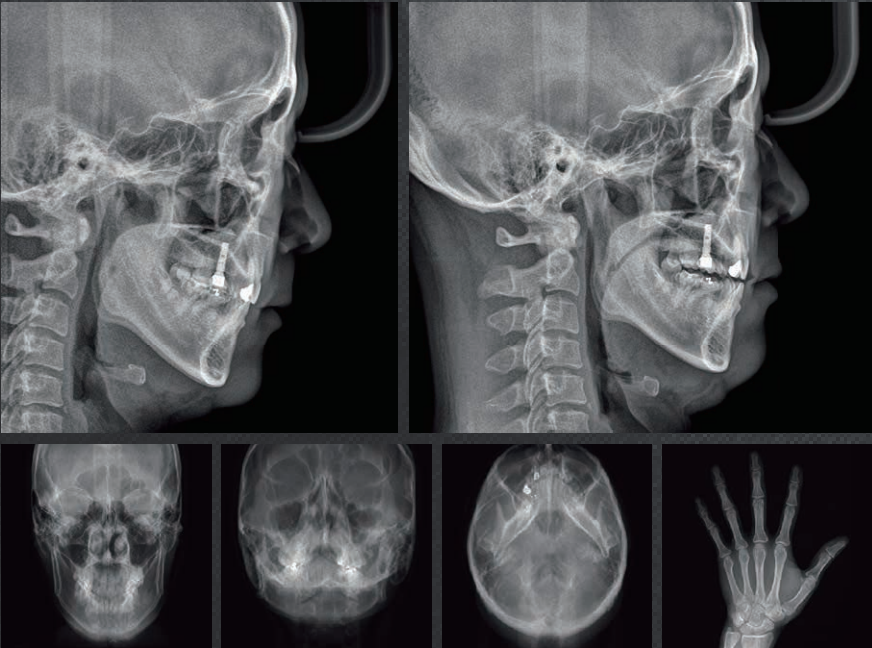
Port-X IV

Innovative Portable X-Ray, All in One

1.6 kg weight

0.4 mm 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
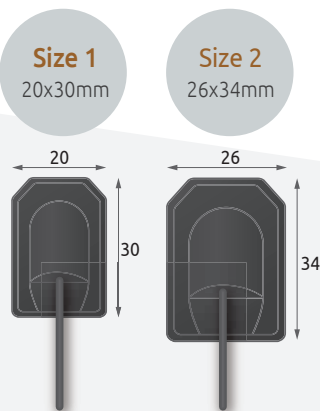
Superior image quality

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

⚡ USB 2.0

GIX-1

Digital Dental Intra-Oral Sensor

Size 1
20x30mm

Size 2
26x34mm

20 — 30

26 — 34

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
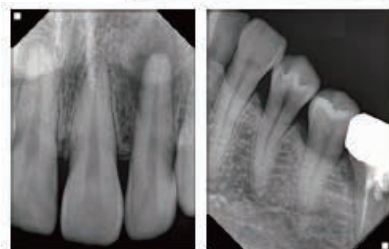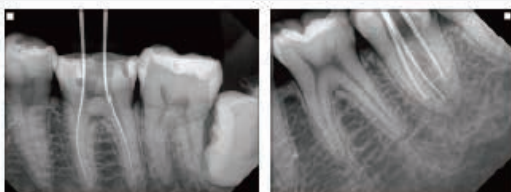
Network structure

Software Triana / PortView

PORT-X IV

Wireless

· X-ray room
· Counseling room
· Unit chair
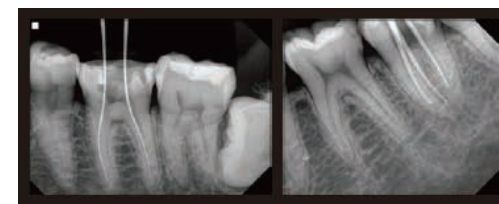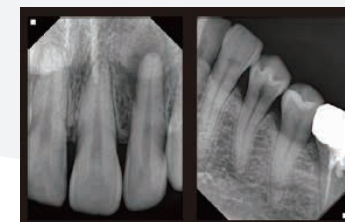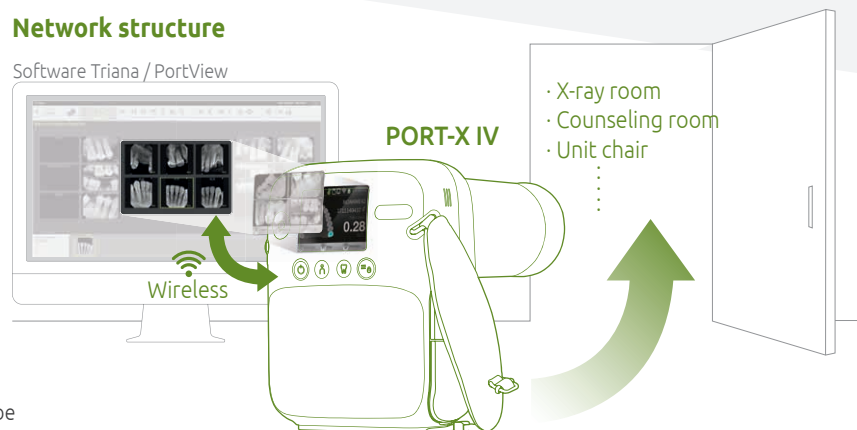
Port-X IVe

Super Light Portable X-ray

1.6 kg weight

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

GTIS

Digital Dental Intra-oral Sensor

- Advanced CMOS sensor technology
- Outstanding image quality
- Wide dynamic range with consistent quality
- Durable material and components
- Slim and patient-friendly design

45 mm
31 mm
< SIZE 2 >

38.5 mm
25 mm
< SIZE 1 >

GTIS is with the advanced technology, providing outstanding and consistent image quality for accurate diagnosis.
With ergonomic design and a flexible cable, it maximizes patient comfort.
Long-lasting materials and components increase the lifespan.
PORTVIEW imaging software is fast and easy to use with efficient workflow.
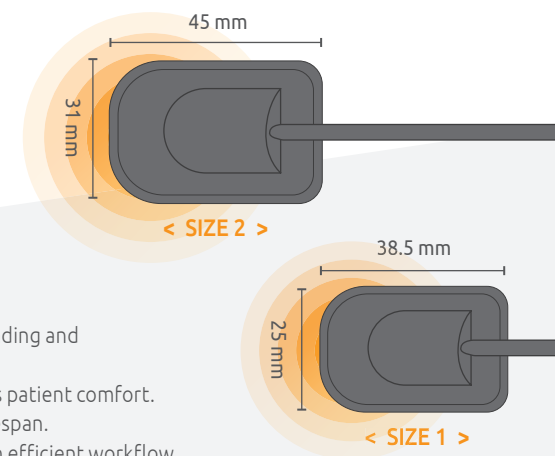
SPECIFICATIONS	SIZE 1	SIZE 2
Sensor size	38.5 x 25 x 5 mm	45 x 31 x 5 mm
Active area	30 x 20 mm	36 x 26 mm
Pixel matrix (HxV)	1500 x 1000 px	1800 x 1300 px
Pixel pitch (HxV)	20 µm	
Scintillator type	CsI	
Interface	Direct USB, USB 2.0	
AD Conversion	16 bits	
Ingress Protection	IP68	
Cable length	2.8m	

DVAS-C

Chair type (Fixed)　　　　Chair type (Foldable)

DVAS-M

Mobile type

DVAS-W

Wall-mount type
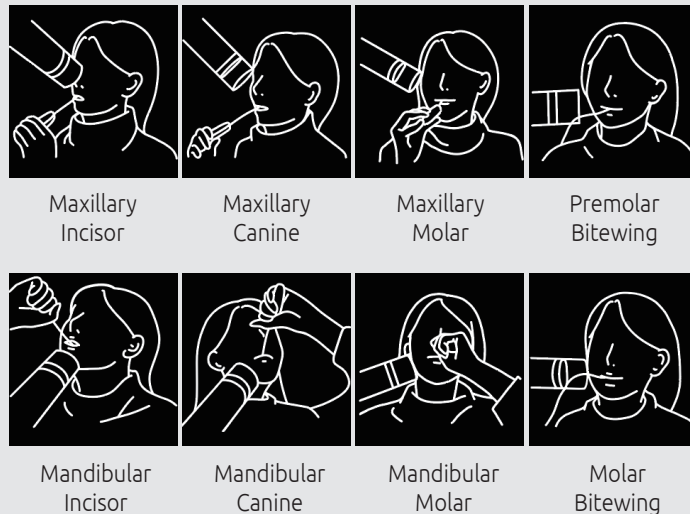
DVAS Features

Guide mode

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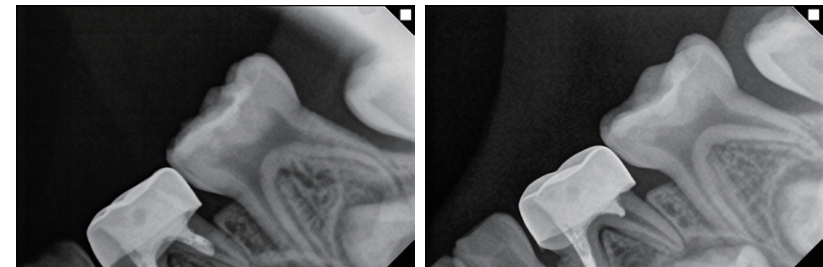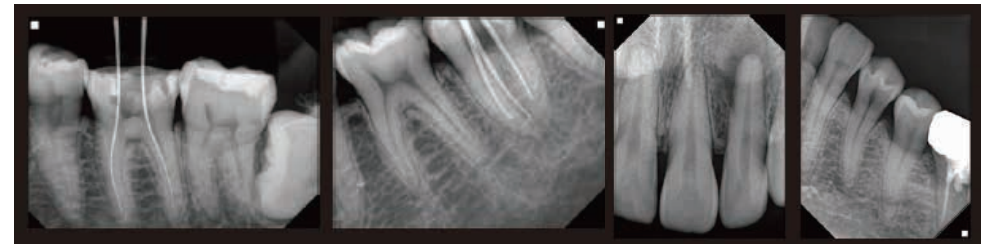

70kv, 2mA

0.25

45°

SET

Maxillary Incisor	Maxillary Canine	Maxillary Molar	Premolar Bitewing
Mandibular Incisor	Mandibular Canine	Mandibular Molar	Molar Bitewing

LED Pointer

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

Touch screen

Clinical images

Focal spot 0.8mm

DVAS Focal spot 0.4mm

GENORAY

* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed.