

Vision 16

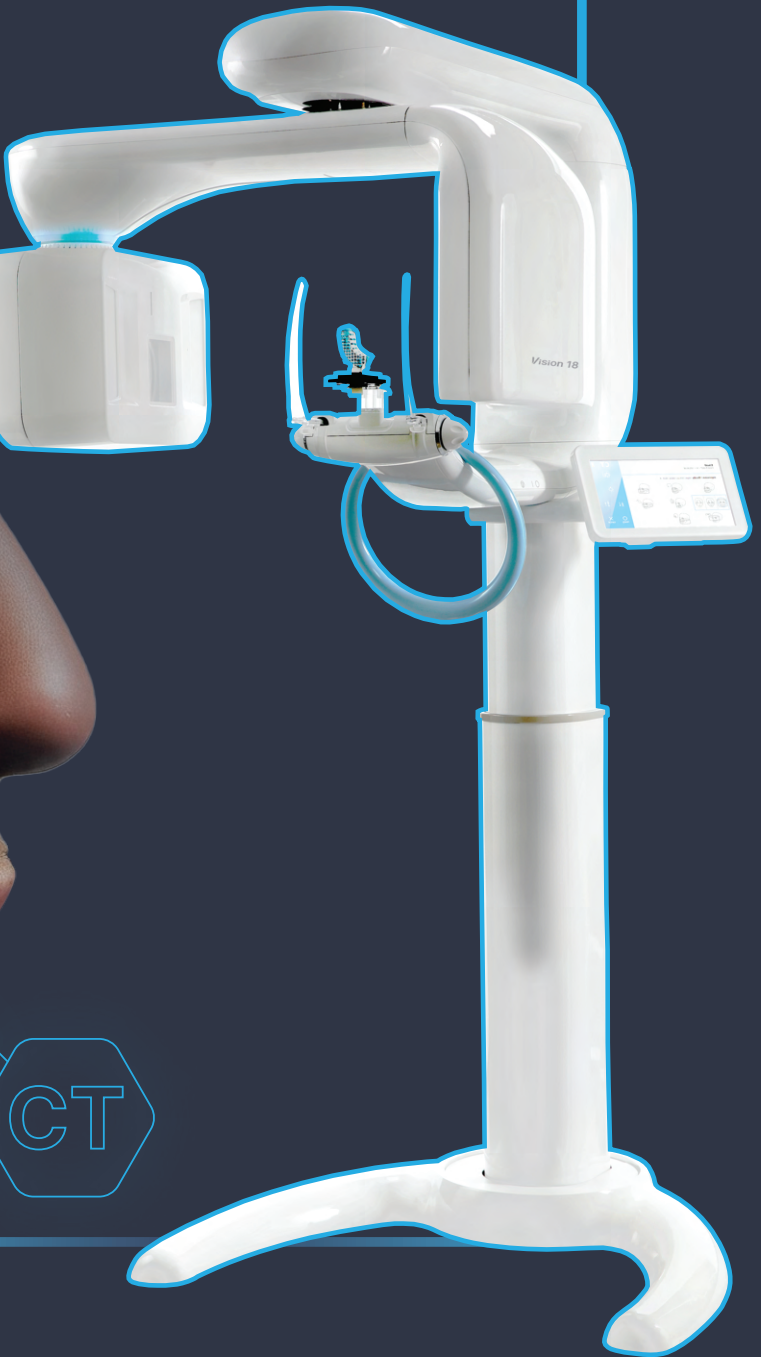
Vision 18

Vision 20

# Vision

The All-in-One Solution for Advanced Dental Diagnostics.

Face  
Scan



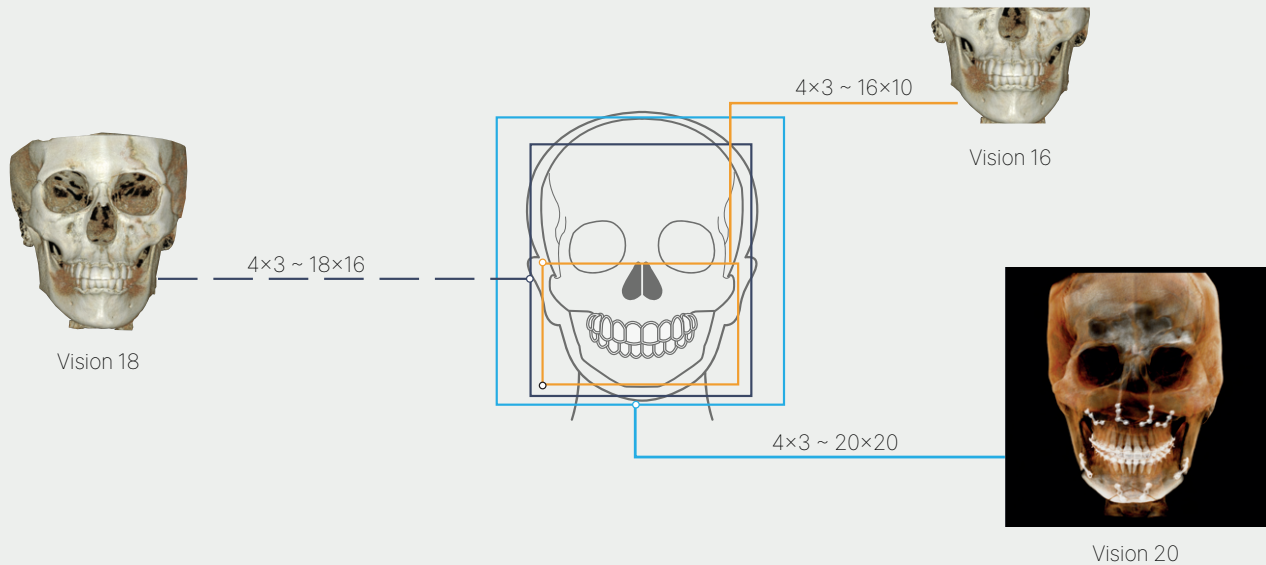
CT



Ray America

# Vision

The Vision Series combines advanced CBCT technology with 3D facial scanning to **enhance diagnosis**, improve patient **communication**, and increase **case acceptance**. With versatile volume options, Vision empowers your practice to deliver **precise**, comprehensive care while building **patient trust**.

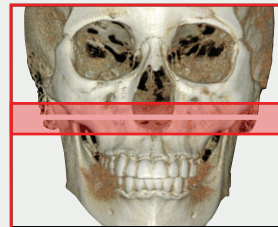


All units have a fully adjustable FOV

## Stitch-free Scanning

- Stitch-free scanning on a large FOV CBCT ensures accuracy and reliability.
- Stitching involves scanning patients twice and overlapping both images, which leads to unnecessary exposure to radiation and the potential for image distortion.

Image Distortion



Competitors



Ray America

## Fast Scan & Reconstruction

- Ray America's CBCT lineup is designed with the capability of fast scan modes on all models. With the ability to reconstruct CT images in as little as 2 seconds on select models, patients can experience shorter wait times and receive prompt, efficient treatment.

4.9 sec

Scan Time

22 sec

HD  
Reconstruction  
Time

2 sec

Fast  
Reconstruction  
Time

0.5 sec

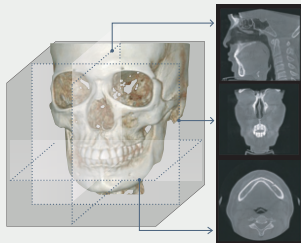
3D Facial  
Scan Time





## High Quality Imaging System

- Given the ability to capture large sections of hard and soft tissue regions in one scan, the images created are of the highest quality and provide pertinent clinical details.

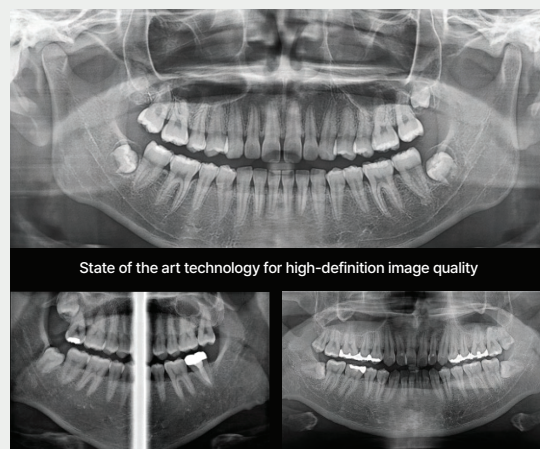


## Visible X-ray Guide

- Patented and radiation free visible X-ray guide prominently indicates the location of the scan area, ensuring convenience and safety.

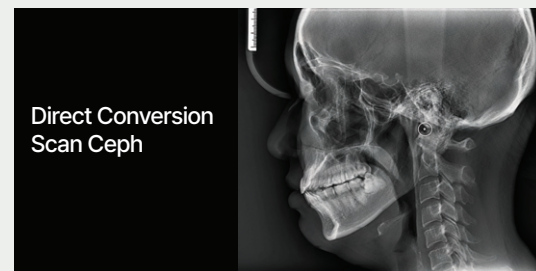


- AMF (Adaptive Moving Focus) technology selects the optimal image layer to provide clear panoramic images, making it easy to identify the patient's periodontal condition and lesions.



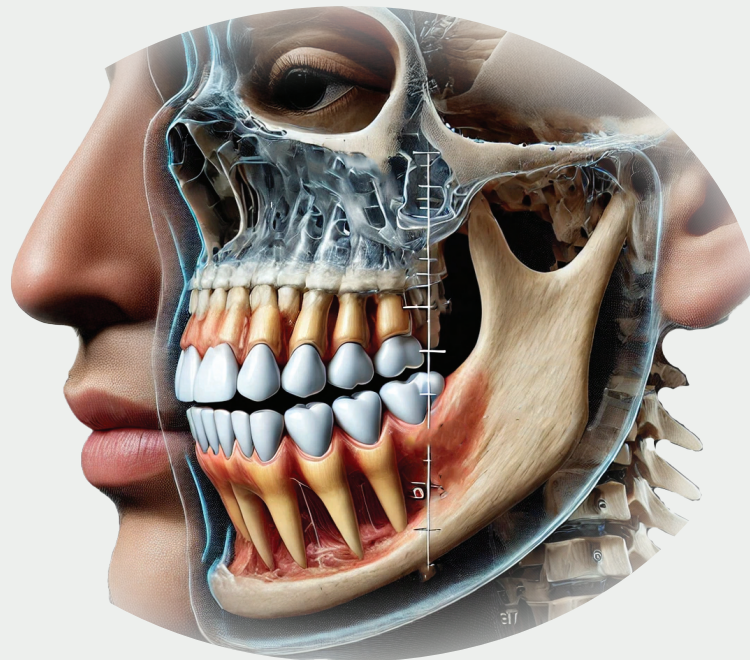
## Optional Ceph Modality

- The One-Shot Ceph captures images in just 0.8 seconds, minimizing distortion and reducing patient radiation exposure.
- Our direct conversion sensor ensures a high-res Ceph image.



## AI Driven Digital Workflow

- Enhance your consultations with advanced 3D soft tissue scanning capabilities, surpassing DICOM-only consultations to provide more precise evaluations and drive higher case acceptance.



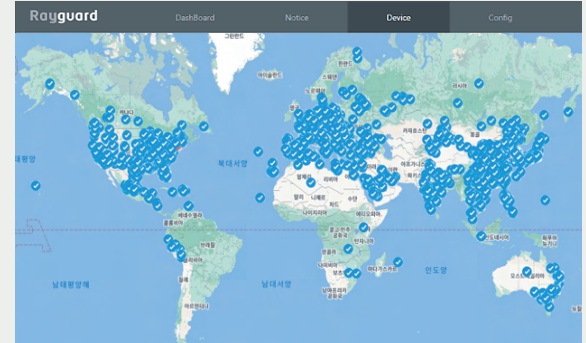
## 3D Facial Scanning Capabilities

- Our CBCT machine features advanced 3D facial scanning capabilities, capturing high-quality and precise facial data in just half a second. This exceptional speed and accuracy allow for the creation of a detailed virtual patient model, seamlessly integrating with CAD/CAM applications and enhancing diagnostic and treatment planning workflows.



## RAYGuard 24/7 Monitoring System

- We monitor all of our installed X-ray units using an advanced IOT system called RAYGuard.
- Our 24/7 monitoring system minimizes the need for multiple visits to resolve the same issue, enabling more efficient resolution.



## Wireless Remote for Maximum Convenience

- For patients and healthcare professionals alike, our remote control empowers them with effortless operation, allowing them to focus on what truly matters—the treatment outcome.



## 10 Year Full Parts Warranty

- The Vision Series comes with a 10-year full parts warranty for added peace of mind!
- 3D Facial Scanner comes with a 2-year full parts warranty.
- Consumables & labor not covered under Vision warranty.



# Vision 18

## Vision 16

## Vision 20



**16×10 FOV**



**18×16 FOV**



**20×20 FOV**

Diagnosis • Implants • Full Arch • Endo • TMJ  
• Pre-Screening for OSA

Diagnosis • Implants, • Full Arch • Endo • TMJ • OSA Treatment • Orthognathic Surgery • Zygomatic Implants

Diagnosis • Implants • Full Arch • Endo • TMJ • OSA Treatment • Orthognathic Surgery • Zygomatic Implants • ENT

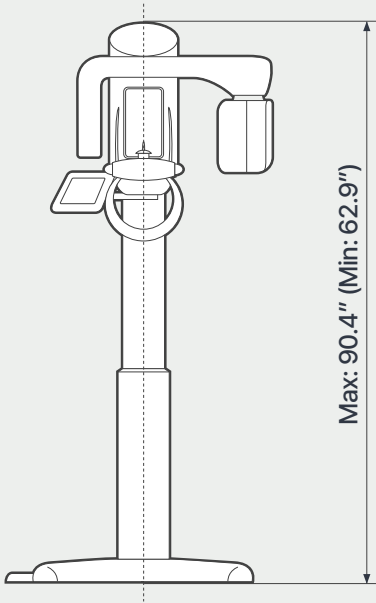
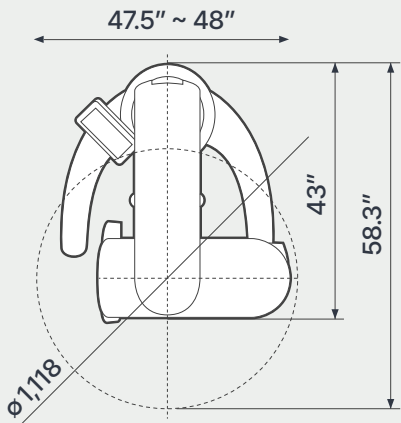
# 3D CBCT Comparison

	Vision 16	Vision 18	Vision 20
FOV Size	Min 4×3 / Max 16×10	Min 4×3 / Max 18×16	Min 4×3 / Max 20×20
Scan Time	4.9 ~ 14s	4.9 ~ 16s	4.9 ~ 16s
Reconstruction Time	4 ~ 22s	4 ~ 22s	4 ~ 22s
3D Facial Scanning	Yes (Portable)	Yes (Portable)	Yes (Portable)
Blue Light Guide	Yes	Yes	Yes
Low Dose Scan	Yes	Yes	Yes

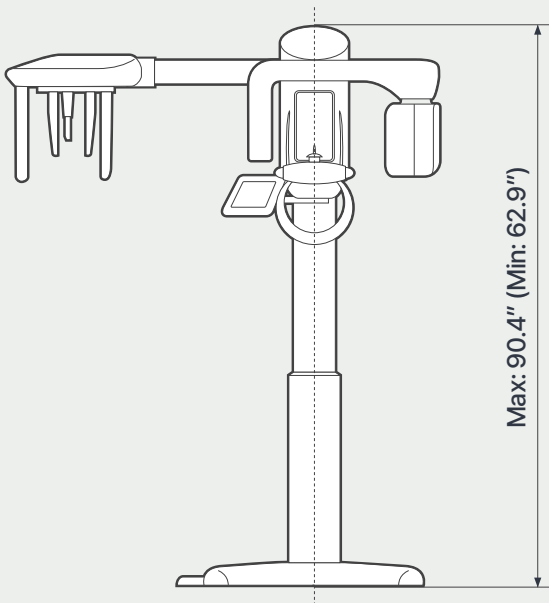
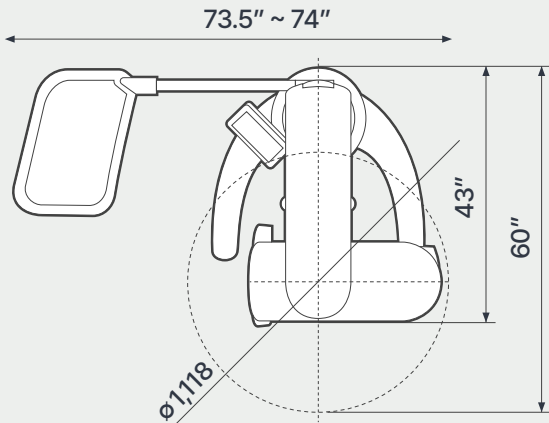
Panoramic	
FMX Cropping	Yes
Scan Time	6.2s ~ 13.9s
Extraoral Bitewing Mode	Yes

Cephalometric	
Available Options	Scan, One-Shot
Scan Time (SC)	3.7 ~ 18.2s
Scan Time (OCS, OCL)	0.2 ~ 0.8s

## Without Ceph



## With Ceph



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Pre-Installation  
Guide



Contact Us.