



# DENTRI $\alpha$

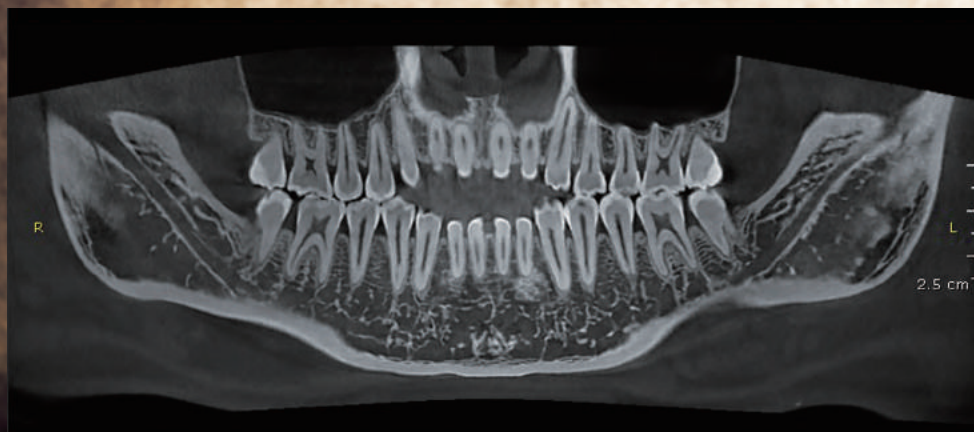
Innovation for better imaging  
today and tomorrow

# HDX CYOPTIX

Our **ongoing** software technology development creates striking contrast and sharpness of images. We strive to provide you with the latest technology.

Explore the transition with CYOPTIX

Enhanced Recon Algorithm Applied



# Dentri α™ Classic

Renowned for its Crisp, Ultra-HD imagery, Dentri α Classic will become an indispensable part of your expanding practice. Powerful yet flexible, the Dentri α Classic provides a wide **Field of View (FOV) 16 x 8cm** and crisp panoramic imaging.



# Dentri α™ Extended

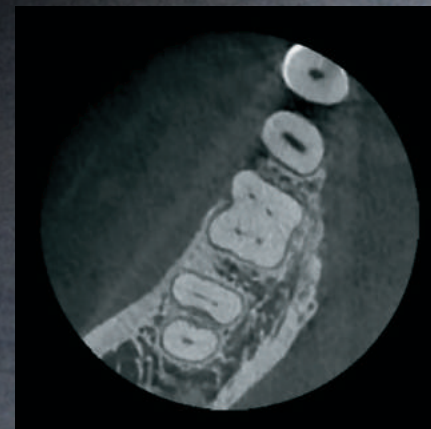
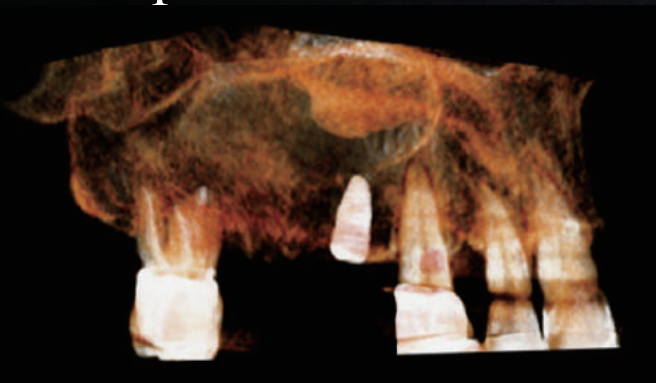
The Dentri α Extended CBCT expands the **Field of View (FOV) 16 x 14.5cm**. Extended allows for an expanded view of facial structures, sinus, TMJ, and dentition with the quality images Dentri α provides.



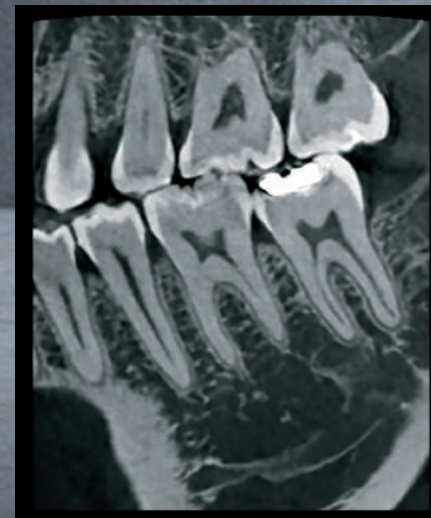
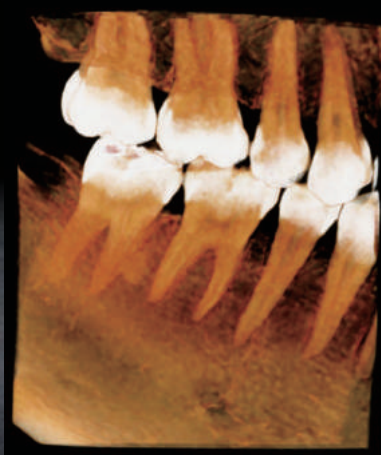
# Free Field of View

# Voxel Size

Implant evaluation



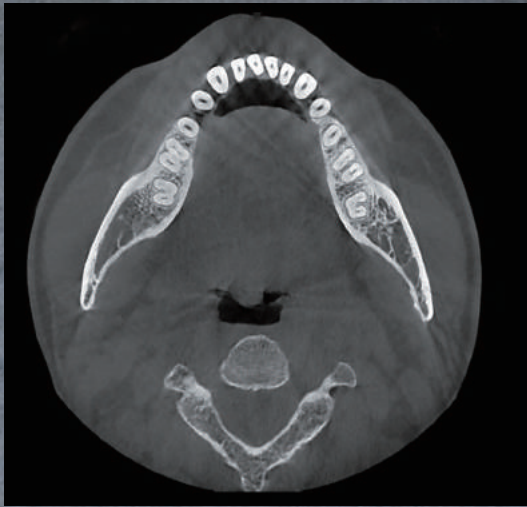
Endodontic Diagnosis



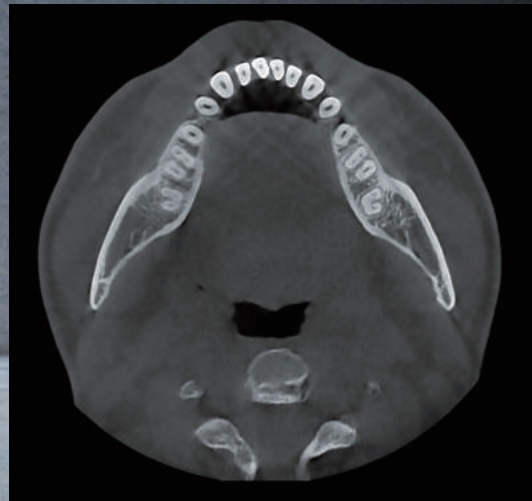
Capture **ANY SIZE** for diagnosis

Precise Diagnosis  
**Min 0.1mm** voxel size

# Ultra Fast Scan



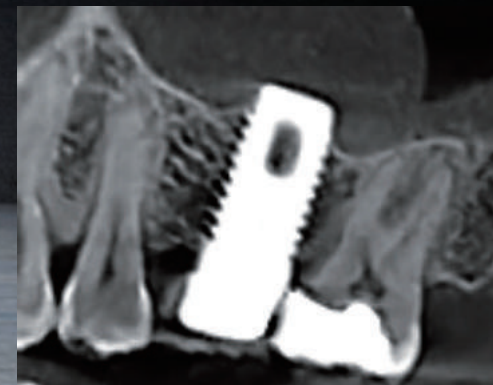
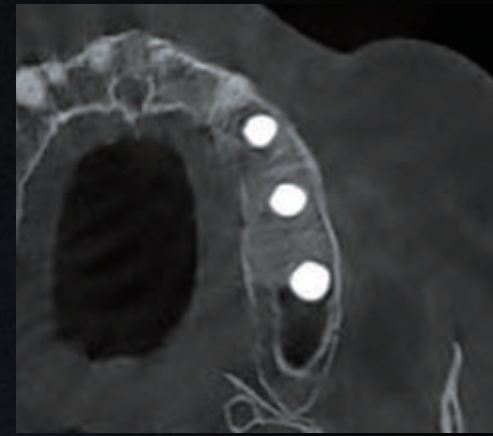
Normal Scan



Ultra Fast Scan

Ultra Fast Scan - Reduces motion artifacts and lowers radiation dose

# Metal Artifact Reduction

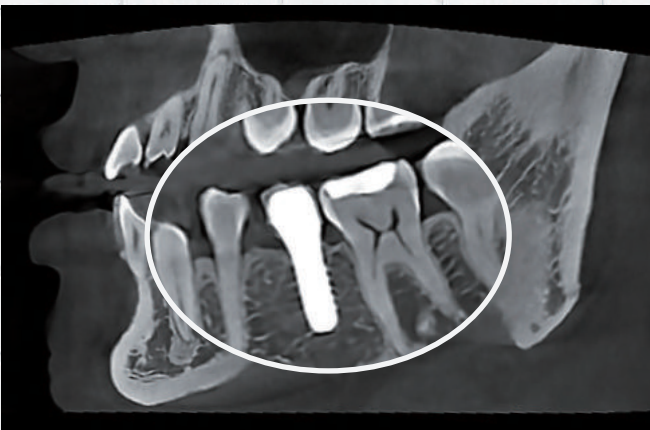
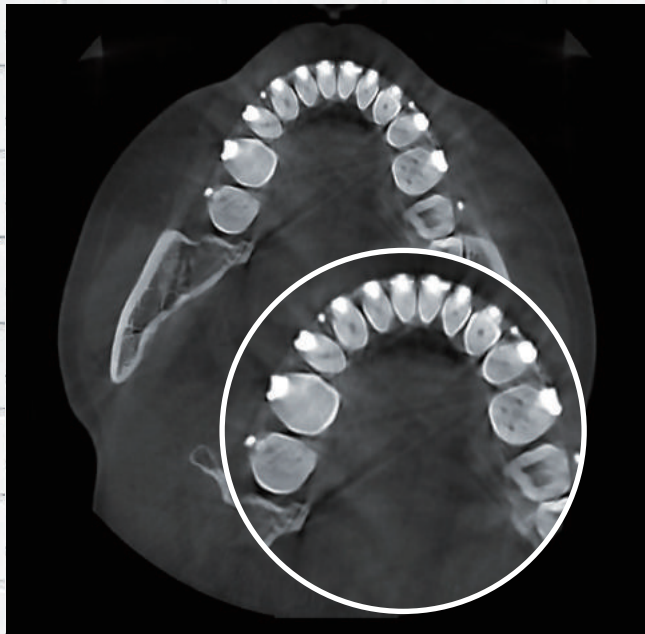


MAR - Reduces metal artifacts for diagnosis

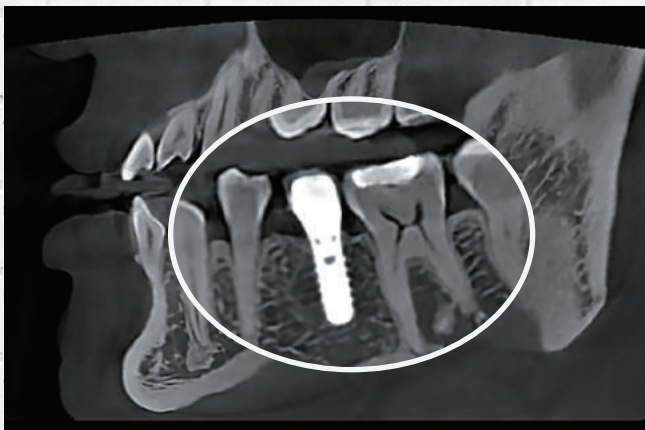
# PrecisionMAR™ (Optional)

Our newest algorithm offers unprecedented clarity around metal, improving diagnostics and planning.

MAR

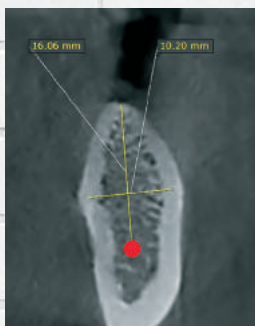
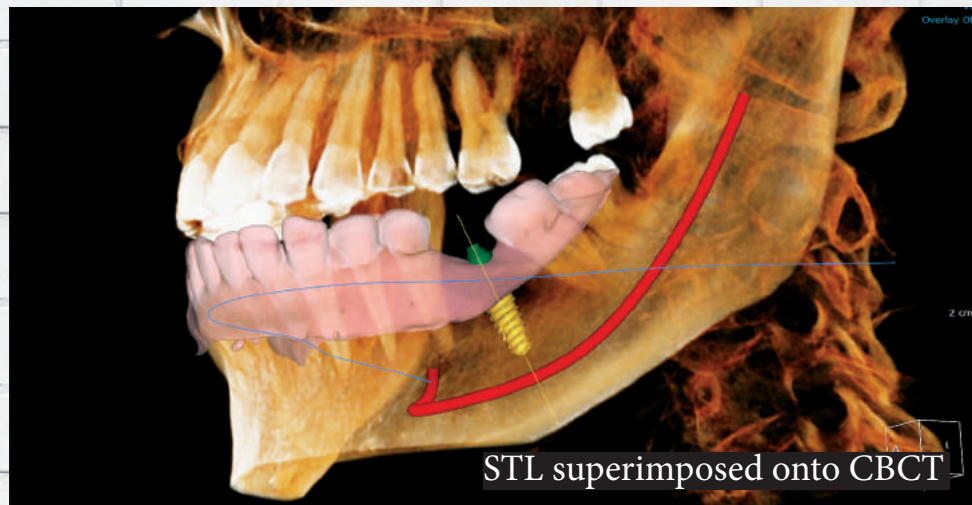
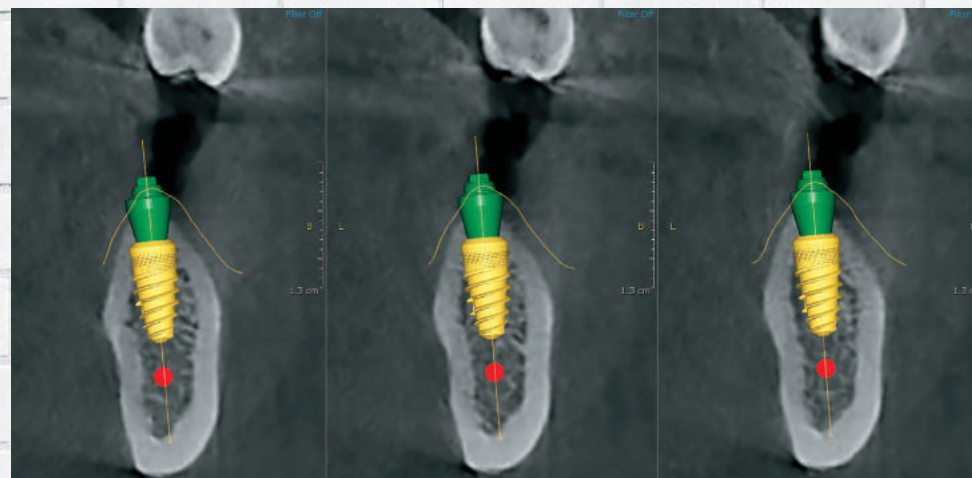
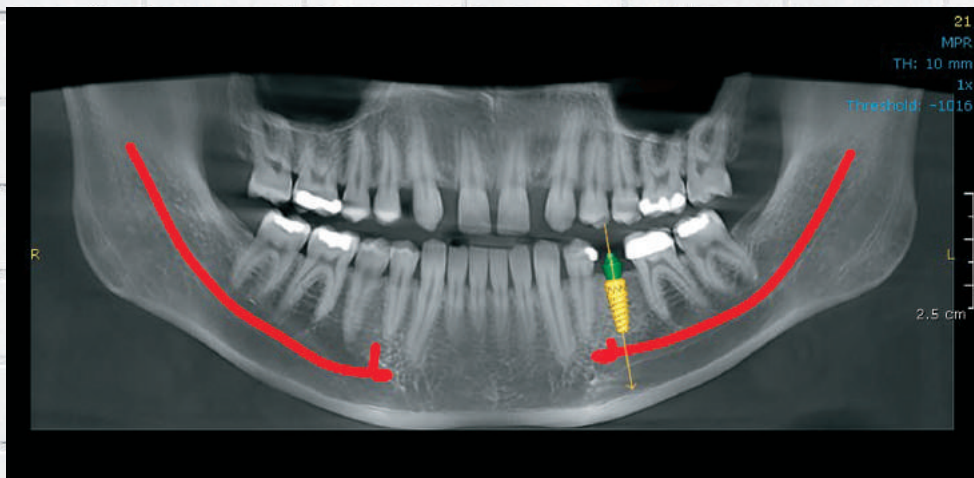


PrecisionMAR™

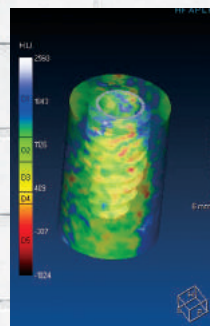
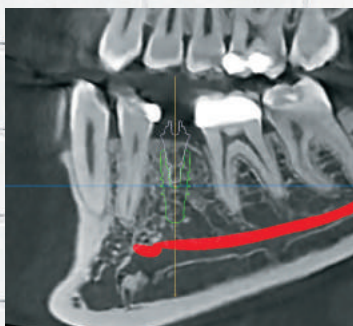


- Minimal scatter
- Reduced shading
- Clearly define bone and teeth structures around metal

# Digital Implant Treatment Planning

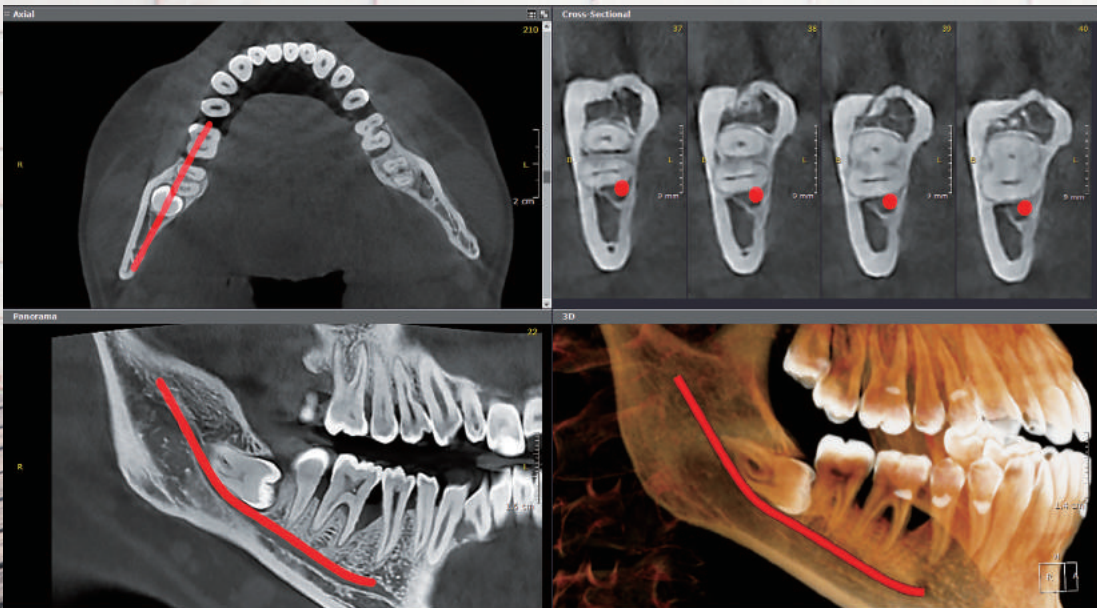


Bone Measurement



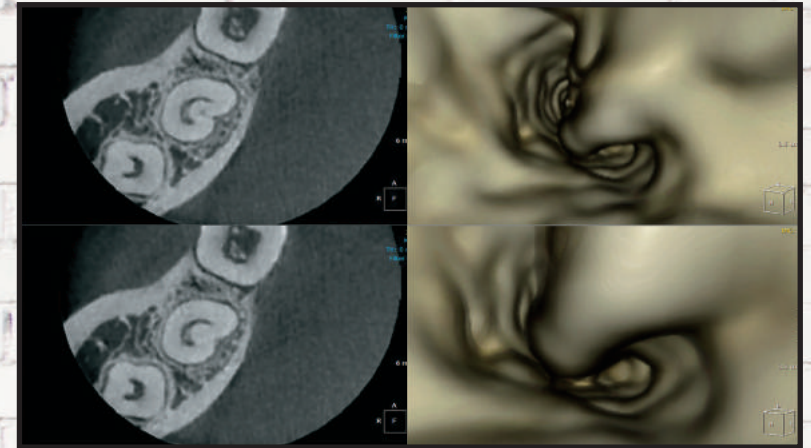
# Oral Surgery

Wide views to evaluate impactions and surrounding anatomy



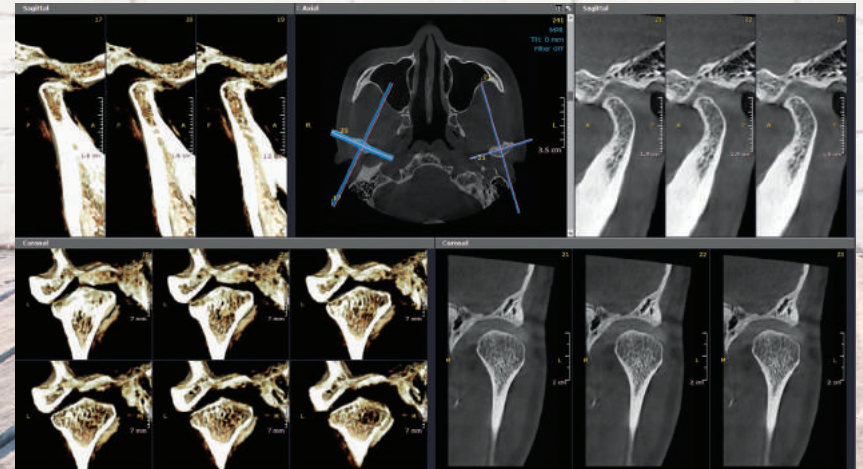
# Endodontics

Endoscopic for C-shape canal



# TMJ

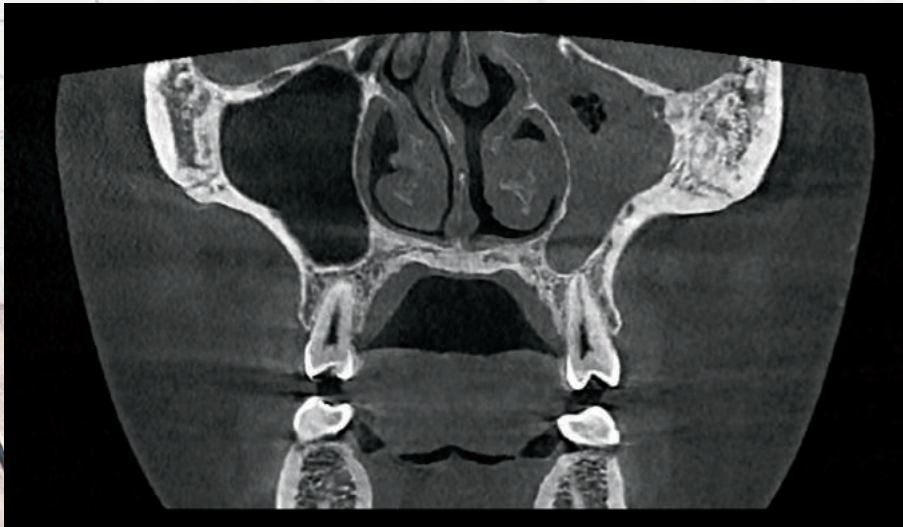
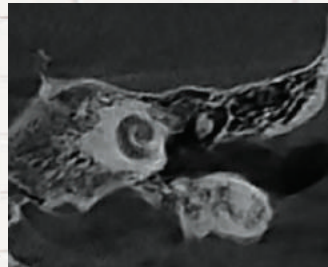
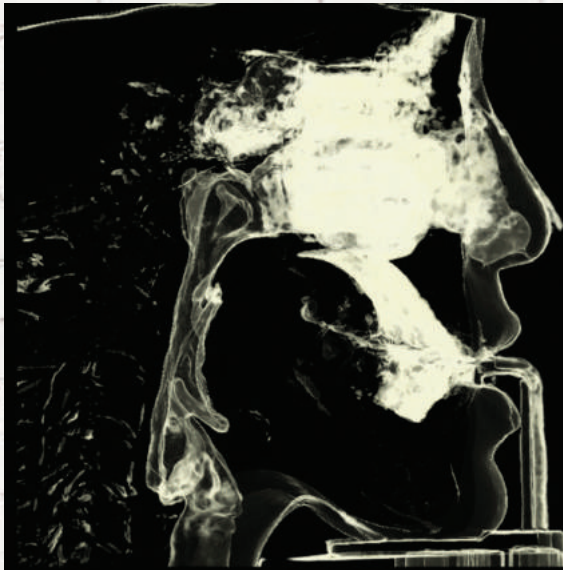
Multilayer view of diagnosis of TMJ ankylosis & mandibular fossa





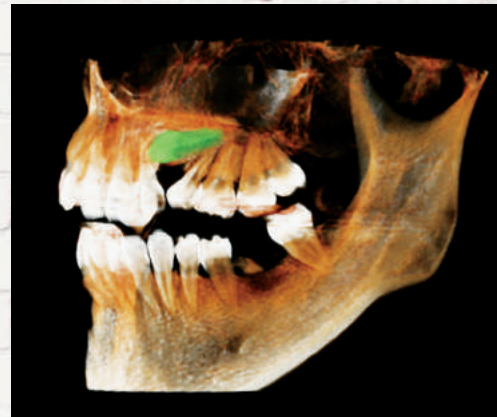
# Otolaryngology

Expanded view for airway, sinus, and ear diagnosis



# Orthodontics

3D view without distortion for skeletal & asymmetric analysis

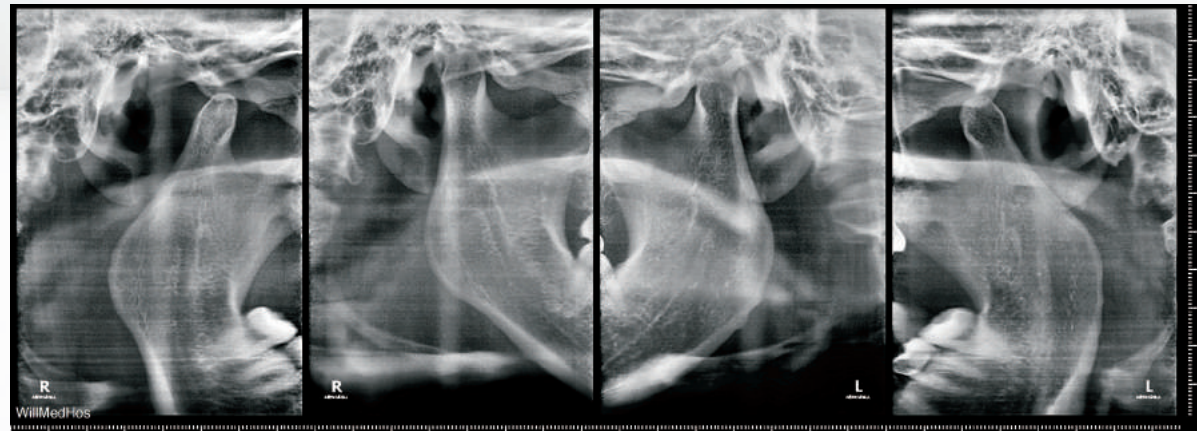


# Dedicated 2D Panorama

Impeccable wide image view for diagnosis



Four cut series of  
TMJ open/closed mouth

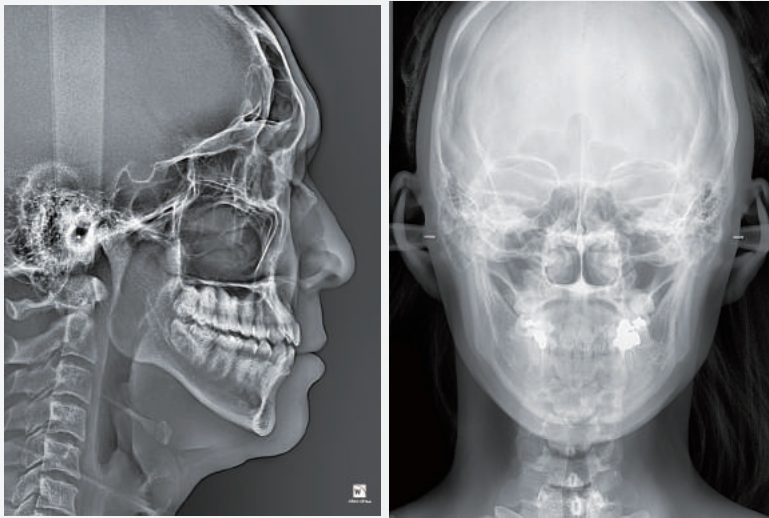


# Cephalometric X-Ray

Two Selections

**Dentri C  $\alpha^{\text{TM}}$**  Our premier one-shot extension provides superior

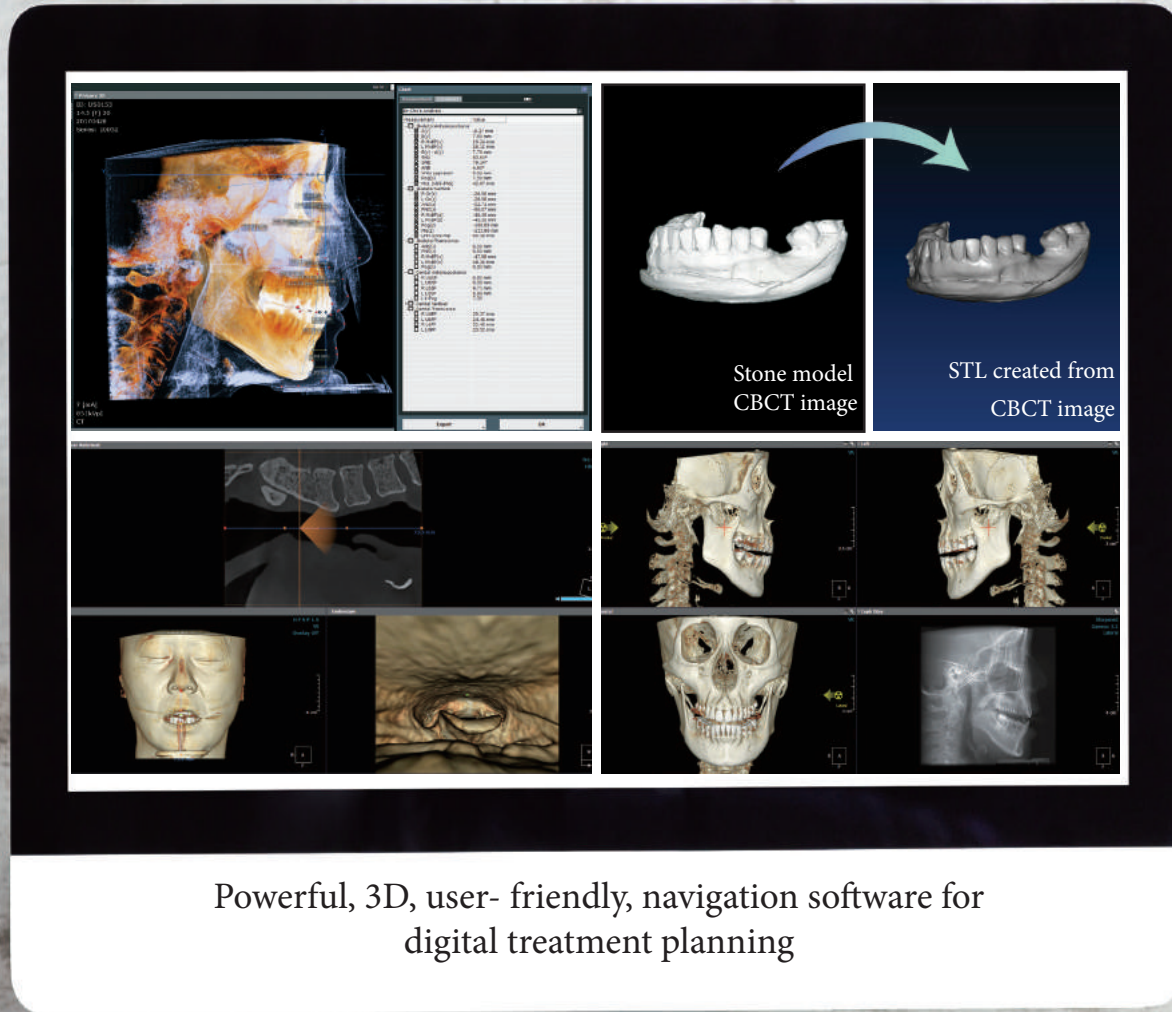
image quality by reducing movement artifacts.



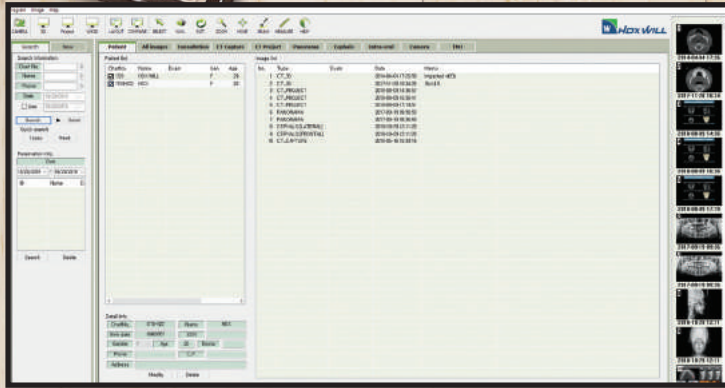
**Dentri S  $\alpha^{\text{TM}}$**

Our standard scanning extension provides excellent diagnostic images

# Dentri $\alpha$ <sup>TM</sup> intuitive software package includes OnDemand3D<sup>TM</sup>

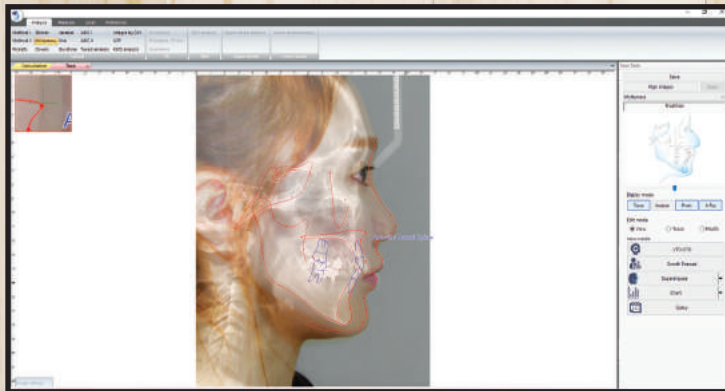


# Available Software



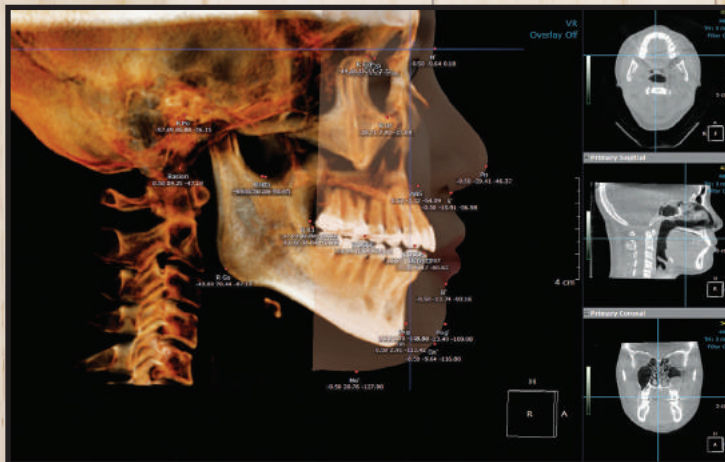
## Will-Master

Patient image management software and 2D Viewer. Allows you to import and export images from your own practice. Compatible with 3D viewer software.



## Will-Ceph

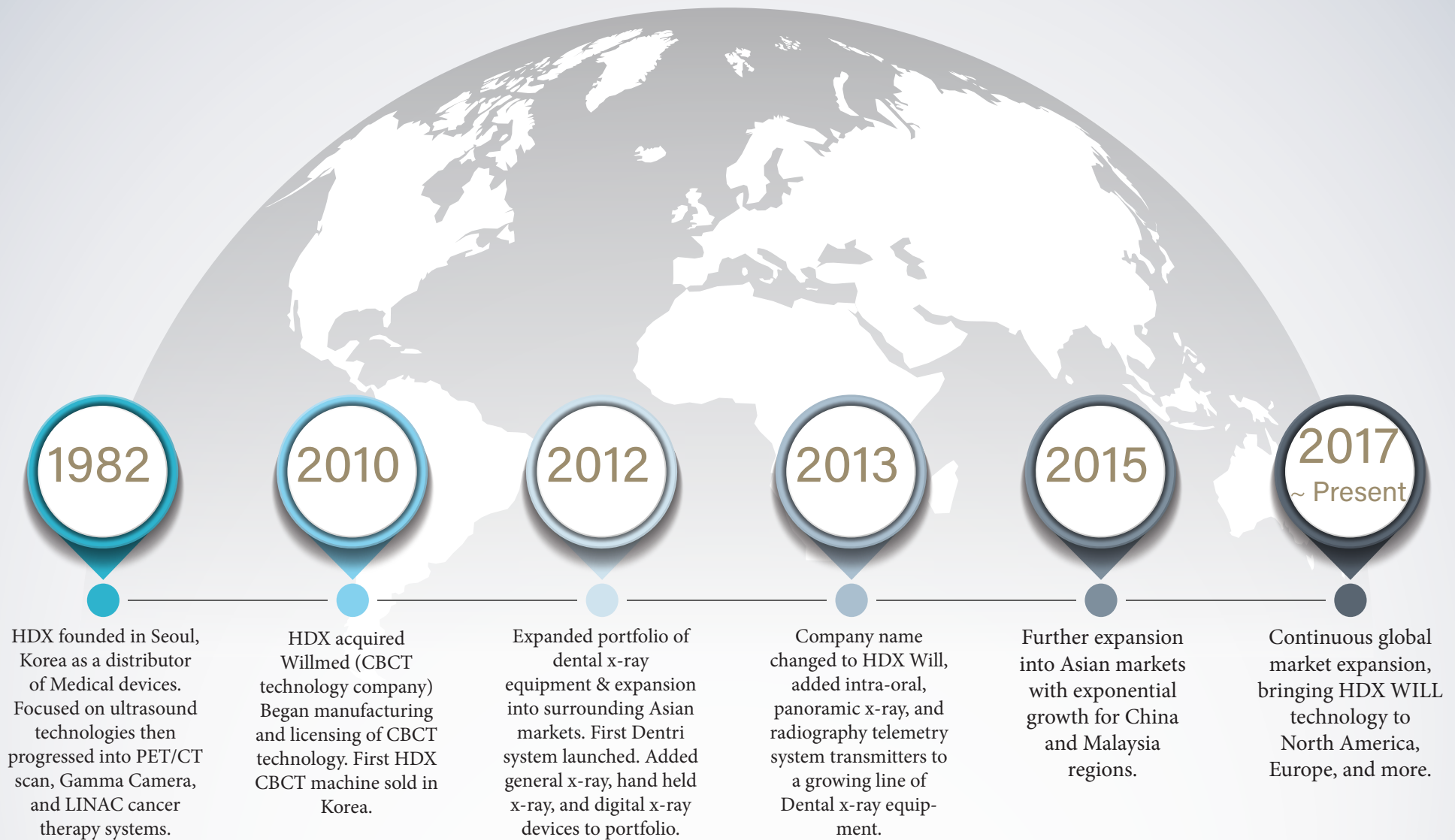
2D Cephalometric analysis software (Opt.)



## 3D Ceph Module

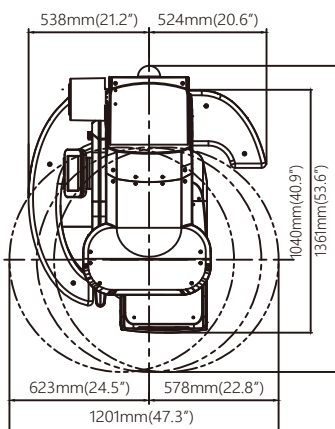
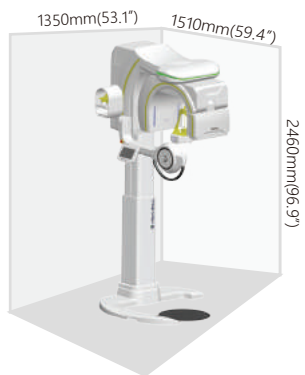
The next generation cephalometric analysis with large FOV to evaluate cephalometric landmarks. (Opt.)

# HDX WILL More Than 38 Years of Medical & Dental Experience

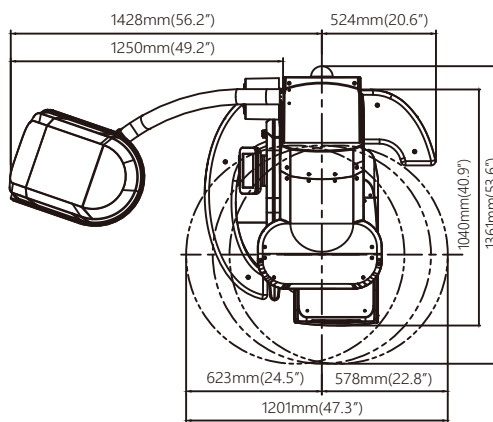


# Minimum Space Required & Dimensions

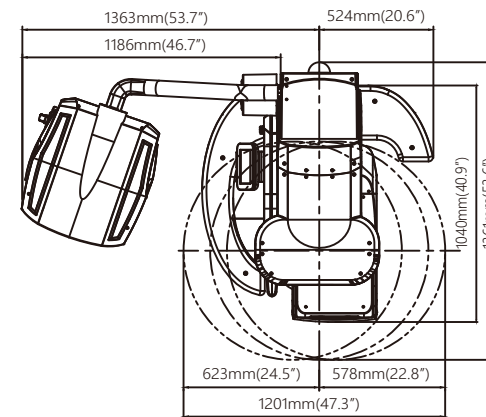
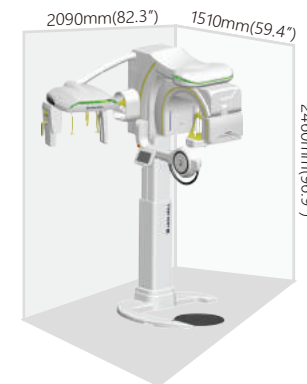
DENTRI α™ : PANO/CBCT



DENTRI C α™ : PANO/CBCT/ONE-SHOT CEPH



DENTRI S α™ : PANO/CBCT/SCAN CEPH



## Product Details

Model		Panorama	Cephalo		CT	FOV (cm x cm)		
			One-Shot	Scan		16 x 14.5	Free FOV	16 x 8
DENTRI α	Extended	●			●	●	●	
	Classic	●			●	●	●	
DENTRI-Cα	Extended	●	●		●	●	●	
	Classic	●	●		●	●	●	
DENTRI-Sα	Extended	●		●	●	●	●	
	Classic	●		●	●	●	●	

# SPECIFICATIONS

X-ray Beam		Cone Beam	Patient Position	Standing (Wheelchair accessible)		
Scan Time	CT (Pulsed)	Dentri Classic (16x8cm)	8s(Ultra Fast Scan) 24s(Normal Scan)	CT & Panorama CMOS		
		Dentri Extended (16x14.5cm)	16s(Ultra Fast Scan) 36s(Normal scan)			
	Panorama		14s and less	One-shot Type Cephalo	Direct(TFT)	
	One-shot Type Cephalo		0.5s, 1.0s, 1.5s, 2.0s	Scan Type Cephalo	TDI CCD	
	Scan type Cephalo		4s(Fast Scan) 8s(Normal scan)	CT & Panorama	14 bits	
Field of View (CT)(cm x cm) (Diam. x Height)	Dentri α Classic		Gray Scale	One-shot Type Cephalo	14 bits	
	Dentri α Extended			Scan Type Cephalo	16 bits	
Voxel Size(CT)(mm)		0.10, 0.15, 0.20, 0.25, 0.30		Dentri α: 1201 x 1361 x 2455 (47.3" x 53.6" x 96.65")		
Focal Spot (mm)		0.5		Dentri C α: 2006 x 1361 x 2455 (78.97" x 53.6" x 96.65")		
Reconstruction Time		Minimum 8s (Standard Recon, MAR off)		Dentri S α: 1941 x 1361 x 2455 (76.41" x 53.6" x 96.65")		
Patient Alignment		Vertical Column (optional) : Electric motion Column : Electric motion Temple Support : Motion		System Weight (Tolerance : ± 10%)  Dentri α: 243 kg / 536 lbs (Dentri α Extended) 233 kg / 514 lbs (Dentri α Classic)  Dentri C α: 270 kg / 595 lbs (Dentri α Extended) 260 kg / 573 lbs (Dentri α Classic)  Dentri S α: 260 kg / 573 lbs (Dentri α Extended) 243 kg / 536 lbs (Dentri α Classic)		
Control Device		Alignment : Touch Panel Exposure & Imaging Acquisition: Workstation				
Install		Free Standing				
Tube Voltage		60kVp-110kVp		Workstation	OS	Windows 10 64-bit
Tube Current		5mA-10mA			Memory	16Gb



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