



GenX-CR

Dental PSP Scanner



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Dental PSP Scanner



- Compact design
- User-friendly scanner
- Excellent image quality

Components



Color Type

-  Black W
-  White W

Image Plate



SIZE 0 (31x22mm)



SIZE 1 (40x24mm)*Option



SIZE 2 (41x31mm)



SIZE 3 (54x27mm)*Option

GenX-CR Features



4.3" Touch Screen

Convenient operation with Touch Screen



please wait...

Guide Screen

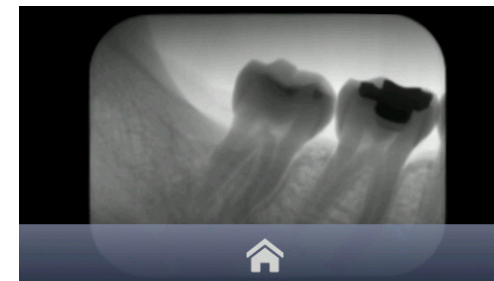
Easy to follow instructions by Intuitive GUI



Multi-Language

Support 12 languages including

English, Chinese (Simplified/Traditional), Korean, Japanese, German, Spanish, French, Italian, Thai, Turkish, Russian, Arabic.



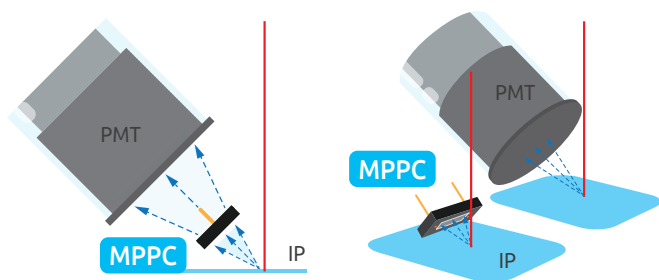
Preview function

View images on the LCD display after each scan.

GenX-CR Features

MPPC (Multi-Pixel Photon Counter)

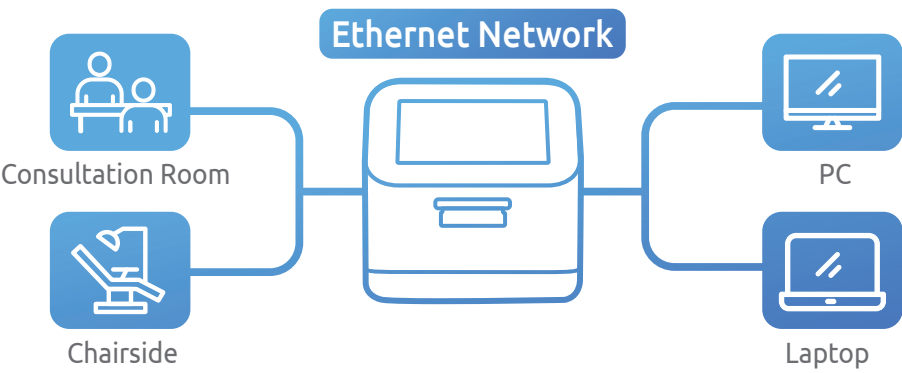
High-resolution image by applying MPPC with high photon detection efficiency.



Internal Memory

Save up to 500 images in GenX-CR.

Multi-User Practices



Light-weight and Compact size

1.9kg with compact size. Use it regardless of space.

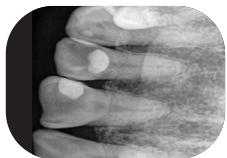
Clinical images

A set of the most frequently used imaging plates is included with the unit. In addition, a full range of imaging plate sizes is available, including 0, 1, 2, 3.



SIZE 0

31 x 22 mm



SIZE 1

40 x 24 mm ^{*Option}



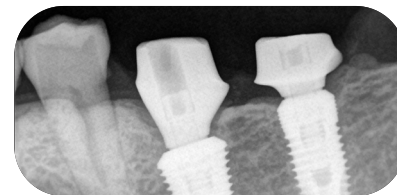
SIZE 2

41 x 31 mm



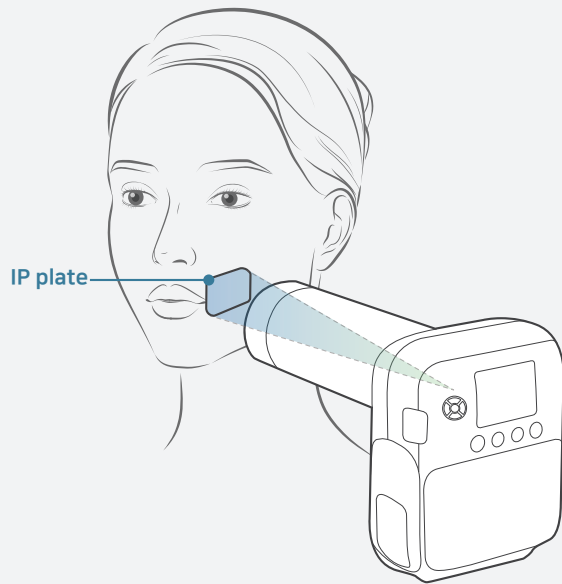
SIZE 3

54 x 27 mm ^{*Option}



Workflow

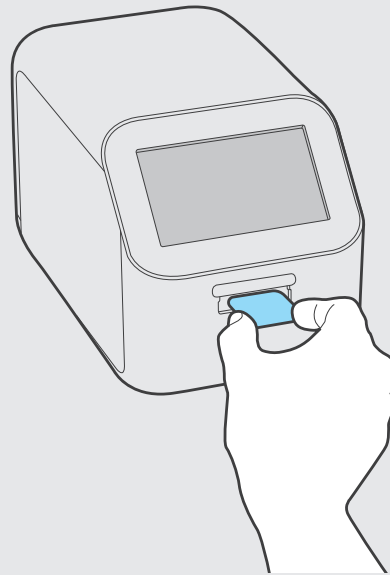
STEP 1



Insert IP Sensor / Exposure

Exposure by Intraoral X-ray

STEP 2



IP Scan

Select the size > Insert the IP > Scan
> Check the image

STEP 3



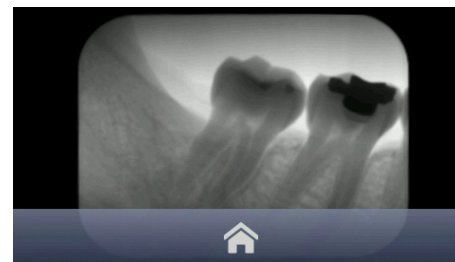
Check the connected PC

View images by PortView S/W

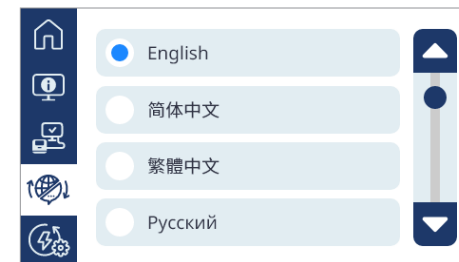
User interface



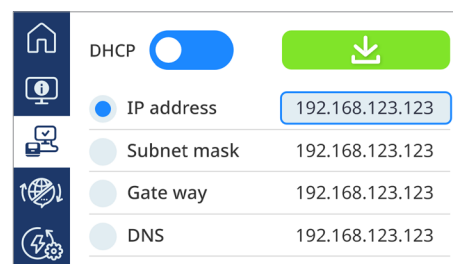
- | | | |
|-----------------------|-------------------------------|----------------|
| 1. Preview | 5. PSP recognition settings | 9. PSP select |
| 2. Resolution setting | 6. Settings | 10. Guide text |
| 3. Sleep mode | 7. Date/time display | 11. Scan |
| 4. Sound settings | 8. Network connection display | |



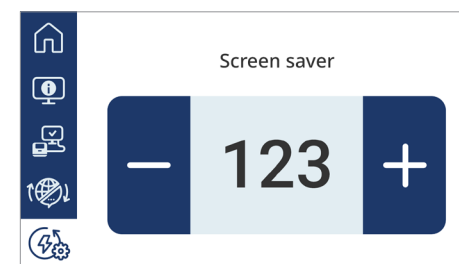
Preview



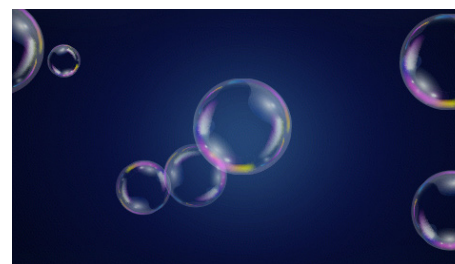
Language setting



Network setting



Time setting for Sleep mode



Sleep mode

Specifications

Resolution (theoretical)	20 lp/mm
Supported PSP Size	0, 1, 2, 3
Image gray Levels	16 bit (65,536 gray levels)
Read time	Less than 9 seconds
Eraser	Automatic Eraser embedded
Computer Interface	10/100Mbps Ethernet
Dimensions	136 (W) mm x 237 (D) mm x 147 (H)mm 5.35" (W) x 9.33" (D) x 5.79"(H)
Weight	1.9kg
Power supply	Input: 100~240V, 50/60Hz Output: DC24V, 2A

Image File Format	TIFF / RAW		
Support protocols	DICOM 3.0, TWAIN		
Supported IP Size	Size	High	Standard
	0 (31 x 22 mm)	880 x 1240	440 x 620
	1 (40 x 24 mm)	960 x 1600	480 x 800
	2 (41 x 31 mm)	1240 x 1640	620 x 820
Image Pixel size	3 (54 x 27 mm)	1080 x 2160	540 x 1080
		25µm	50µm

Components

1. GenX-CR Main body
2. Power Cord
3. 24VDC Power Supply Adapter
4. RJ45 CAT.6 cable
5. PSP Transfer Box (1EA)
6. USB Stick (Driver, Utility)
7. User manual
8. PSP (Size 0, 2) (2EA of each)
9. Protective Cover (Size 0, 2)
10. Hygienic Bag Size (Size 0, 2)
11. PSP plate

Dimensions





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

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