



With its small footprint and elegant design, the ClearVision CR Digital Reader fits seamlessly into even the smallest dental offices and exam rooms. Familiar workflow, and accessories comparable to those for film, allow for seamless integration into your practice.

## FEATURES



### EFFORTLESS OPERATION

The automated, magnetized feeding tray offers push-and-go functionality, making it effortless to operate and an ideal imaging solution for computed radiography.



### COLOR LCD DISPLAY

A clear LCD screen intuitively guides users through unit operation and offers image previews. Provides device activity status and auto-sleep/auto-start options to conserve energy. Closes when not in use to prevent dirt or dust getting into the reader. Has a built-in erase function, and magnets ensure perfect positioning of the imaging plates.



### THIN, FLEXIBLE AND REUSABLE IMAGING PLATES

The reader is DICOM 3.0 compatible with existing systems and uses a full range of bitewing and intraoral imaging plates that can be easier and faster to position than intraoral sensors. A full range of reusable plates, including sizes 0, 1, 2, 3, and 4c, are standard. Imaging plates offer 100% active area.



### IMAGING SOFTWARE COMES STANDARD

Progeny® Imaging Software supports image acquisition, diagnosis and image handling. Magnification, contrast or density adjustment, measurement assistance and annotations are just a few of the powerful tools provided. Images can be exported, emailed or printed for insurers, your patients or referrals.

## SPECIFICATIONS

The ClearVision CR System includes the ClearVision CR Reader, 2 Size 0 imaging plates, 4 Size 2 imaging plates, imaging plate storage box, hygienic bags Size 0 and Size 2, USB 2.0 interface cable, power cable and Progeny Imaging Software.

Supported IP sizes	Size	Standard res	High res
	0 (22 x 31 mm)	343 x 484 pixels	628 x 885 pixels
	1 (24 x 40 mm)	375 x 625 pixels	685 x 1,143 pixels
	2 (31 x 41 mm)	484 x 640 pixels	886 x 1,171 pixels
	3 (27 x 54 mm)	421 x 843 pixels	771 x 1,542 pixels
	4c (48 x 54 mm)	750 x 843 pixels	1,370 x 1,542 pixels
Selectable pixel size	High: 35 µm Standard: 64 µm		
Sampling pixel pitch (35 µm)	14.3 lp/mm		
Readout time	4.1-7.2 sec		
Resolution	Data capture: 16-bits per pixel, 65,000 graytones		
Eraser	Embedded		
Dimensions (H x W x D)	10.4" (H) x 4.7" (W) x 12.5" (D) 265 mm (H) x 120 mm (W) x 318 mm (D)		
Weight	12.1 lb (5.5 kg)		
System configuration	Tabletop		
Interface	USB 2.0 High speed (480 Mbps)		
Computer workstation minimum requirements (CR Dental Reader Only)	2GB RAM . Windows® 7 and Windows® 8 (32-bit & 64-bit) 2.0 High Speed USB <i>Please refer to Progeny Imaging Computer Requirements for additional requirements relating to imaging software.</i>		
Power requirements	100-240 VAC / 50-60 Hz, 30 W UPS required		
Operating conditions	Temperature: 15-30°C (59-86°F) Temperature Gradient: 0.5°C / min  Humidity: 15-95% RH Magnetic Field: Max. 1,260 microtesla		
Standards	ISO 13485 . 93/42/EEC (MDD) . EN 60601-1		

Please note that specifications may change without notice.

## ORDERING GUIDE

<b>XPDZ-01</b>	ClearVision CR System
<b>CR-FP-13-001</b>	Imaging Plate Storage Box
<b>CR-FP-12-012</b>	Size 0 Imaging Plate Kit (4 each Size 0 IPs)
<b>CR-FP-12-013</b>	Size 1 Imaging Plate Kit (4 each Size 1 IPs)
<b>CR-FP-12-014</b>	Size 2 Imaging Plate Kit (4 each Size 2 IPs)
<b>CR-FP-12-015</b>	Size 3 Imaging Plate Kit (4 each Size 3 IPs)
<b>CR-FP-12-016</b>	Size 4c Imaging Plate Kit (1 each Size 4c IP)
<b>CR-FP-12-020</b>	Hygienic Bags, Size 0 (box of 100)
<b>CR-FP-12-021</b>	Hygienic Bags, Size 1 (box of 100)
<b>CR-FP-12-022</b>	Hygienic Bags, Size 2 (box of 100)
<b>CR-FP-12-023</b>	Hygienic Bags, Size 2 (box of 300)
<b>CR-FP-12-024</b>	Hygienic Bags, Size 3 (box of 100)
<b>CR-FP-12-025</b>	Hygienic Bags, Size 4c (box of 100)

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