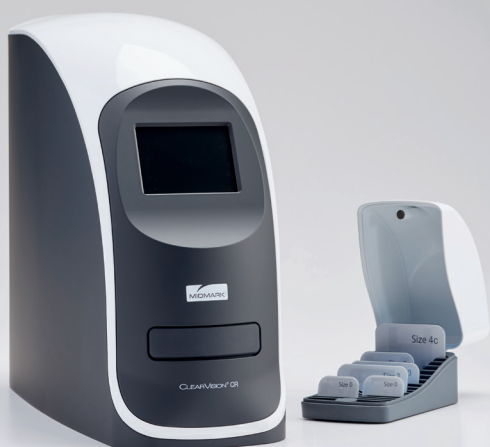




## CLEARVISION® CR DIGITAL READER

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 1143 pixels
	2 (31 x 41 mm)	484 x 640 pixels	886 x 1171 pixels
	3 (27 x 54 mm)	421 x 843 pixels	771 x 1542 pixels
	4c (48 x 54 mm)	750 x 843 pixels	1370 x 1542 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 & 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. 1260 Micro Telsa		
Safety standards	ISO 13485 · ISO 9001 · ISO 14971 · 93/42/EEC · EN 60601 - 1		

\*Please note that specifications may change without notice.

## ORDERING GUIDE

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

Midmark is an ISO 13485 and ISO 9001 Certified Company.  
For more information or a demonstration, contact your Midmark dealer or call: 1-800-MIDMARK Fax: 1-877-725-6495  
Outside the U.S.A. call: 1-937-526-3662 Fax: 1-937-526-8214  
or visit our website at midmark.com

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Because we care.