



# CRystalView®

## T-Series



### Transform Your Practice

Alara's CRystalView T-Series delivers industry leading image quality at an affordable price. With software packages specialized for both medical and veterinary practices, CRystalView T-Series is the ideal way to make digital x-ray imaging a reality in your practice - and is well within the reach of every budget.

- ❑ Compact, Desktop, Single Plate Reader
- ❑ 40 Plates/hr (8 inch x 17 inch)
- ❑ Industry Leading Image Quality
- ❑ Medical and Veterinary Software Packages

### Transcend Beyond the Norm

Alara's CRystalView T-Series system is a unique product that offers unparalleled versatility for all imaging environments. Compact enough for desktop use and rugged enough to be operated from the back of any vehicle, T-Series gives clinics, medical and veterinary offices access to fast, high quality computed radiography imaging at an affordable price.

### Trusted Partner for Your Digital Imaging Needs

Alara has been an industry leader in CR for over 12 years, providing quality solutions to the Dental, NDT and Medical markets. T-Series builds on Alara's long history of supplying products that meet the demanding needs of the marketplace. T-Series continues with Alara's tradition of manufacturing the best quality products that are compact and easy to use.

## CRystalView T-Series

CR Reader Type	Desktop, Single Plate Integrated Eraser (T110 only)	
Image Plate and Cassette Sizes	8 inch x 17 inch (20 cm x 43 cm) 8 inch x 12 inch (20 cm x 30 cm) 8 inch x 10 inch (20 cm x 25 cm)	
Throughput All Sizes	Standard Resolution 40 plates / hour	High Resolution 25 plates / hour
Image Display Time All Sizes	74 seconds (std resolution)	
All Sizes	127 seconds (high resolution)	
Pixel Pitch Standard	5.9 pixels/mm	
High	11.8 pixels/mm	
Grayscale Resolution Data Acquisition	16 bits/pixel	
DICOM Output	12 bits/pixel	
Weight	35 lbs (16kg)	
Dimensions	15.5" x 19.4" x 10.8" 39.4 cm x 49.3 cm x 27.4 cm	
Electrical Voltage	100-240 VAC, 50/60 Hz, auto-sensing	
Power	100 VA max (T100), 150 VA max (T110)	
Environmental Operating Conditions (Scanner) Temperature	32° to 104° F (0° to 40° C)	
Relative Humidity	5% to 95% RH, non-condensing	
Environmental Operating Conditions (Imaging Plates) Temperature	59° to 93° F (15° to 34° C)	
Relative Humidity	30% to 80% RH, non-condensing	
Safety Standards General	IEC 60601-1	
EMC	IEC 60601-1-2	
Laser	IEC 60825-1/A2, Class 1 Laser Product	
Clearance	FDA 510 (k)	
Certification	CE, CSA	

## QC Workstation

Computer	Core 2 Duo PC, 1.86 GHz
Display	18 in. Flat Panel TFT, Color 1280x1024
Optional Display	20 in. Flat Panel TFT, Monochrome, Diagnostic Quality
Operating System	Windows XP Pro / Vista Business
Storage	200GB (20,000 standard 14x17 images)
Imaging Network Interface Cable	TCP/IP USB 2.0
Acquisition Software Features	
Software Packages	Human, Veterinary
Patient Registration	DICOM Modality Worklist or Manual Entry
Speed Class	Adjustable by Exam Type
Exposure Indicator	Indicated for Each Image
Image Review	Window/Level, Pan, Zoom, Flip, Rotate, Invert, Shutter, Annotate, Magnifying Glass
Image Processing (Based on exam type)	Multiscale Processing Automatic Window/Level Determination
Patient Study Output	DICOM
Administrative Reports	Exposure History, Cassette Usage Exposure Index, Deleted Exams
DICOM Compatibility	Storage Class User Modality Worklist Storage Commit Print Class User Performed Procedure Step Import/Export to/from External Media
Conformance Statement	<a href="http://www.alara.com/products/conformance.html">www.alara.com/products/conformance.html</a>



Specifications Subject to Change

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305-0002-00 rev. a

**ALARA**<sup>®</sup>  
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47505 Seabridge Drive, Fremont, CA 94538  
Tel: 510 315-5200 Fax: 510 315-5201  
Email: [info@alara.com](mailto:info@alara.com) Web: [www.alara.com](http://www.alara.com)