



CRystalView®



CReate High Quality Images Anywhere

Alara's new CRystalView desktop CR system is a breakthrough in imaging technology. Compact enough for either a desktop or cart, CRystalView gives hospitals, clinics, medical offices, ICUs, ERs and mobile imaging services fast, high quality computed radiography imaging at an affordable price.

CRisp Images at 50+ Plates Per Hour

Building on Alara's unmatched reputation in Computed Radiography products, CRystalView delivers industry-leading image quality at 50+ plates per hour (14"x17"), with just 60 seconds to image display. Exam-based imaging protocols, calibrated exposure indicator tracking, and integrated eraser ensure the performance and ease-of-operation demanded by busy radiology departments.

- ✦ Compact, Desktop, Single Cassette Reader
- ✦ 50+ Plates/hr (14"x17"), 60 sec to Image Display
- ✦ Industry Leading Image Quality
- ✦ Quickly Integrates into All Clinical Environments

CRoss Extra Purchases Off Your List

The all-in-one CRystalView package includes a CR reader, imaging plates with cassettes, image acquisition/QC workstation and software. Offering DICOM compatibility and plug-and-play connectivity, CRystalView easily integrates x-ray studies with PACS, teleradiology, image distribution and archives - the simplest, fastest, most effective compact imaging system yet.

CRystalView R200

CR Reader Type Desktop, Single Cassette
Daylight Operation, Integrated Eraser

QC Workstation Multi-workstation
Up to 4 QC Workstations per Reader

Image Plate and Cassette Sizes 14 inch x 17 inch
10 inch x 12 inch
8 inch x 10 inch

Throughput	Standard Resolution	High Resolution
14 x 17	50+ plates / hour	39 plates / hour
10 x 12	62 plates / hour	49 plates / hour
8 x 10	65 plates / hour	53 plates / hour

Image Display Time
60 seconds 14 x 17 (standard resolution)
59 seconds 8 x 10 (high resolution)

Pixel Pitch
Standard 6 pixels/mm
High 9 pixels/m

Grayscale Resolution
Data Acquisition 16 bits/pixel
DICOM Output 12 bits/pixel

Weight 150 lbs (68 kg)

Dimensions 23" x 27.5" x 15.25"
58.4cm x 69.8cm x 38.7cm

Electrical
Voltage 100-240 VAC, 50/60 Hz, auto-sensing
Power North America: 120 VAC, 50/60Hz

Environmental Operating Conditions
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

Certification CE, CSA

QC Workstation

Computer	Pentium 4 PC, 3 GHz
Display	18 in. Flat Panel TFT, Color 1280x1024
Optional Display	20 in. Flat Panel TFT, Monochrome, Diagnostic Quality
Operating System	Windows XP Pro
Storage	200GB (20,000 standard 14x17 images)
Imaging Network	TCP/IP

Acquisition Software Features
Patient Registration DICOM Modality Worklist or Manual Entry
Speed Class Adjustable by Exam Type
Exposure Indicator Indicated for Each Scan
Image Review Window/Level, Pan, Zoom, Flip, Rotate, Invert, Shutter, Annotate

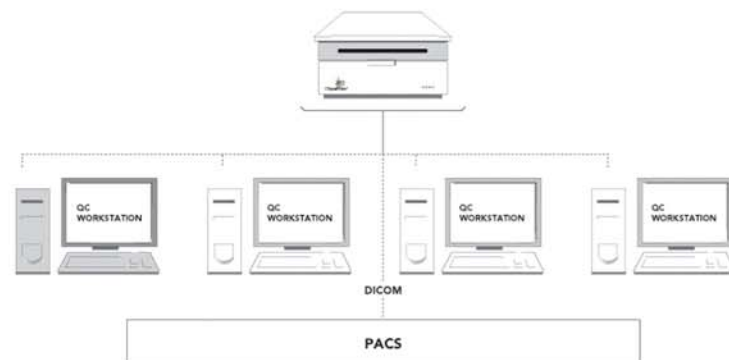
Image Processing (Based on exam type) Multiscale Processing
Automatic Window/Level Determination

Image Study Output DICOM

Administrative Reports Exposure History, Cassette Usage
Exposure Indicator, Deleted Exams

DICOM Compatibility
Storage Class User
Modality Worklist
Storage Commit
Print Class User
Performed Procedure Step
Import/Export from External Media

Conformance Statement www.alara.com/crystalview



Specifications Subject to Change

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