

AMRAD MEDICAL



Advantage DR

www.AmRadMedical.com

Advantage DR delivers superior quality digital images using an intuitive user-interface. With flexibility in the image processing of specific exams and customized preferences for each user, Advantage DR is suited for hospitals, outpatient facilities, imaging centers, urgent care, and private clinics of all sizes.

Patient Registration

- Intuitive patient registration and emergency patient bypass ensure fast and accurate set-up of exams
- Single-view study list, by patient, increases patient throughput
- Flexible search makes system navigation fast and easy

Advanced Features

- Single user-console and generator integration aids speed and workflow efficiency
- Free-draw masking capability ensures optimal image enhancement
- Image rotation at any degree provides viewing consistency of anatomical regions

Symphony Image Processing

- Refined image contrast enhances detail and diagnostic accuracy
- Exam-specific image processing ensures superior image quality
- Automatic image optimization minimizes post processing requirements
- Default and customized algorithm settings ensure accurate processing of images and specialty views

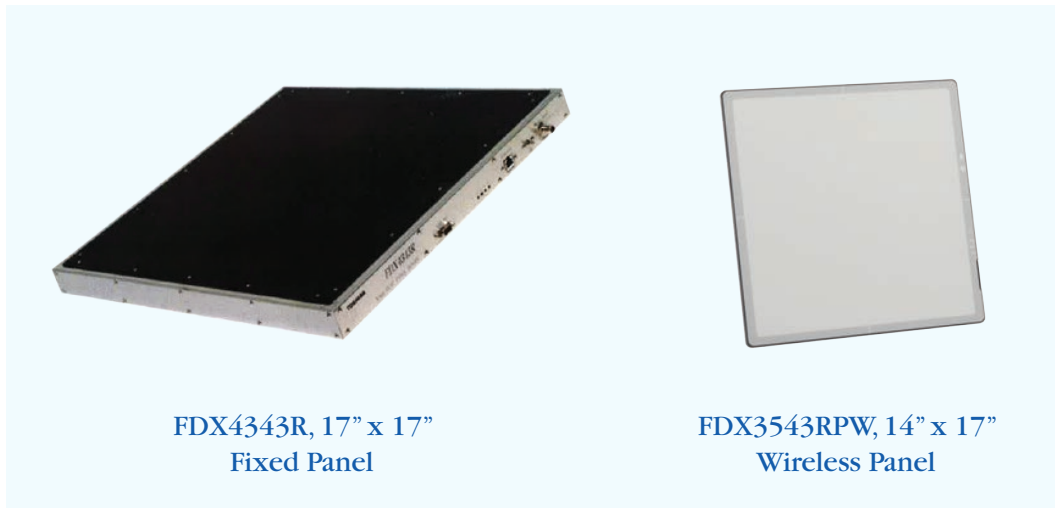


Automatic Image Optimization

Image Management

- DICOM worklist from HIS/RIS or Practice Management System saves patient set-up time
- Image transfer to PACS optimizes workflow efficiency
- Print Image, film size and layout can be defined to fit all imaging preferences
- Burn CD to satisfy the requests of referring physicians and patients

Flat Panel Detectors



FDX4343R, 17" x 17"
Fixed Panel

FDX3543RPW, 14" x 17"
Wireless Panel

Excellent Sensitivity & Resolution

- CsI:Tl and direct vapor deposition technology delivers higher sensitivity and better resolution
- Reflective coating on CsI:Tl screen delivers excellent DQE (70%) and low noise for optimal image quality

Excellent Reliability

- Toshiba's technology and CsI:Tl screen for proven reliability
- Moisture-proof sealing for the CsI:Tl screen ensures panel protection from degradation and damage

Advantage DR and Toshiba Wireless & Fixed Flat Panels

- Superior Image Quality
- CsI Scintillator
- Dose Reduction
- High Sensitivity & Resolution
- Symphony Image Processing
- Patient Positioning Guide
- Ease of Use
- Generator Integration
- Exceptional Reliability
- Industry's Best Warranty – Optional 5 Year Warranty



Automatic Stitching

- Automatic anatomical alignment of images saving time for final image review
- Drag and drop image order greatly improves traditional stitching time
- Stitch up to four images to accommodate stitching of long bone or spine studies

Specifications

Application	General radiography	FDX4343R	FDX3543RPW
Scintillator	Cesium Iodide (CsI) with Amorphous Silicon (a-Si) Photodiode	Pixel Matrix	3008 (H) x 3072 (V) (approx. 9.2 million pixels)
Pixel Pitch	143µm, fixed 140µm, wireless	Image Sizes	2446 (H) x 3040 (V) (approx 7.5 million pixels)
Output data	16 bit	A/D Conversion	16.9 (H) x 17.3" (V) (43x43.9cm)
Limiting Resolution	3.7 LP/mm	Preview Image Access Time	14 (H) x 17" (V) (35.0x43 cm)
MTF (2lp/mm)	36% typical	DIMENSIONS	14 bit
DQE	70% typical	Panel	Approx. 4 seconds after X-Ray exposure (without image correction)
Power (Voltage/Frequency)	AC100-240V 50/60Hz	Weight	Approx. 4 seconds after X-Ray exposure (without image correction)
Operating Environment	Fixed Panel: +10–35°C, 30–85% RH Wireless Panel: +10–35°C, 20–75% RH (non-condensing)		
Standard Components	Panel, Power unit, Cables		
Certification	IEC60601-1, IEC60601-1-2 MDD93 /42 /EEC (CE marking)		

Call 1-800-729-9729 for additional information.



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