



# Toshiba FDX 4343 R

## X-Ray Detector

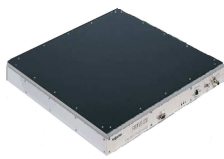
### Product Highlights

- Designed for convenience, ease of use, and easy interfacing
- Superior image quality, immediate image access
- Integration with image-processing and numerous range of OEM X-ray generators ready
- Optimized and fast workflow

## Technical Features

- Based on Amorphous Selenium (a-Se) and Amorphous Silicon (a-Si) active matrix
- High DQE (Detective Quantum Efficiency) providing either images with superior quality or the same quality at a lower dose
- Wide imaging area
- 14-bit digital output

## Technical Data

Fixed Static Detectors	
<b>Vendor</b>	Toshiba
<b>Product</b>	FDX4343R
<b>Product Picture</b>	
<b>Active Area</b>	42,9 x 43,9 cm (16,9" x 17,3")
<b>Scintillator</b>	Csl
<b>Dimensions (mm)</b>	512 (W) x 495 (L) x 43 (H)
<b>Weight</b>	9.0 kg (suffix B Type)
<b>Pixel Pitch (Resolution)</b>	143 µm
<b>DQE</b>	>70% typ. at 6.4 µG RQA5
<b>Operating Temperature Range</b>	15 - 35° C 20 -75% RH (non-condensing)
<b>Pixel matrix</b>	3.008(h) x 3072 (v) (9,2 million pixels)
<b>Resolution</b>	➤ 3.7 lp/mm
<b>Dynamic range</b>	(DQE) > 70%
<b>A/D Conversion</b>	14 bit
<b>Size</b>	49,5 x 51,2 x 4,3 cm (19.5" x 20.2" x 1.7")