

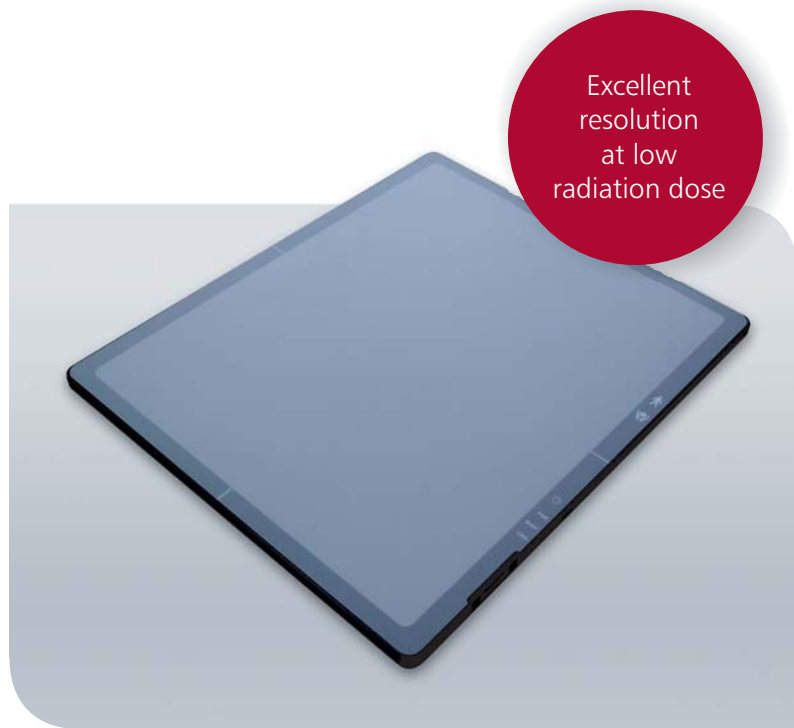
## Toshiba detector FDX3543RPW - the wireless detector offering high resolution, excellent image quality and reliability

### Brief description:

- Excellent sensitivity and resolution: Pixel Matrix 2.466 x 3.040
- Csl:TI screen
- DQE @ 0lp/mm > 70 %
- Warranty: 2 years, 6 months for battery
- Shock resistance: Carbon Fiber Plate
- Dimensions: 383.5 x 459.5 x 15 mm
- Weight of the flat panel incl. battery: 3.1 kg

Based on advanced technology and a tried and tested cesium iodide (CSL) screen, the wireless Toshiba FDX3543RPW X-ray detector offers higher sensitivity and better resolution. Boasting an image recording area of 35 x 43 cm, the detector is supported by the **dicomPACS® DX-R** acquisition software and allows existing conventional and mobile X-ray units to be upgraded to DR technology without much effort.

A special coating permits excellent Detective Quantum Efficiency (DQE) with low noise levels. The Toshiba FDX3543RPW provides ultimate images for diagnostic evaluation at a low radiation dose for patients and has thus reached a new level of functionality and reliability.



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### General

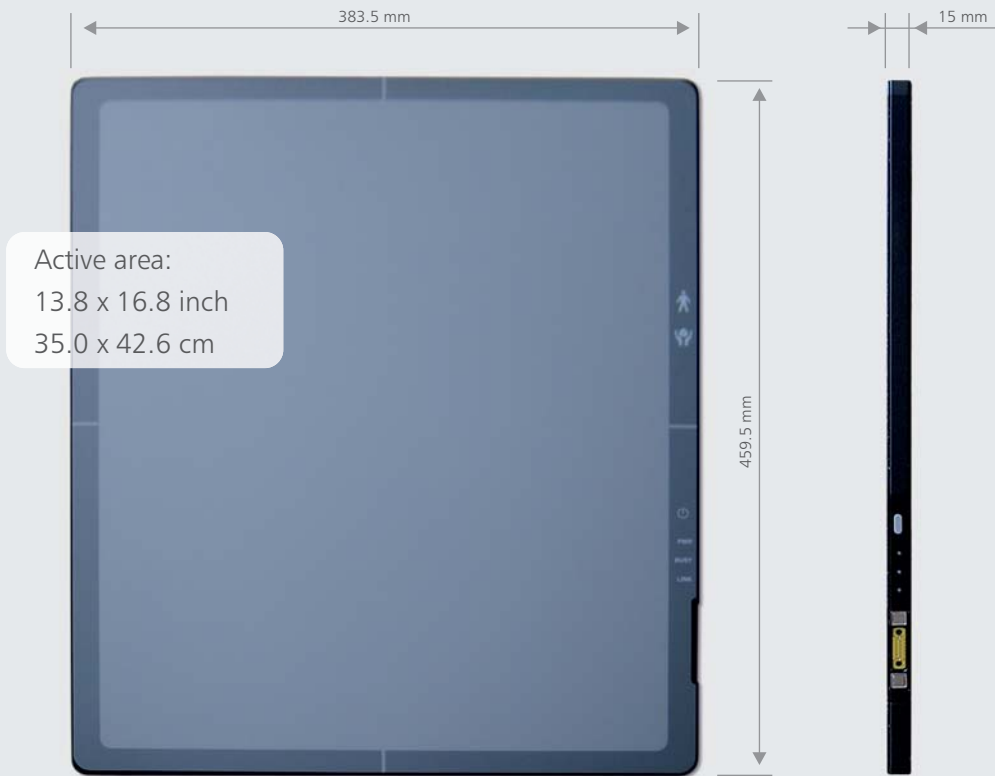
Warranty	2 years 6 months for battery
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### Technical details

Technology/ screen	Cesium Iodide (CsI) with Amorphous Silicon (a-Si) Photodiode
Cassette size ISO 4090	Yes
Operation temperature range	+10 to 35 °C
Pressure under operating	50 to 106 kPa
Humidity	20 to 75 % (Non-Condensing)
Wireless	Yes
WiFi compliant standard	IEEE802.11n, 2.4GHz/5GHz, DFS function is not available
Communications interface	UNIT Interface: Connect to power Supply
DC input voltage	DC16V 3A
Pixel pitch / Microns	140 µm
Total pixel number	2466 (H) x 3040 (V)
X-ray sensitive area	345 x 426 mm
Cycle Time	Shot to Shot 12 sec (WLAN) Shot to Shot 9 sec (Ethernet)
X-ray generator voltage range	40 to 150 kVp
A/D conversion	14 bit
Weight of the flat panel incl. battery	3.1 kg
Weight of the charger	500 g
Weight of the battery	385 g
Battery type	Li-ion polymer
DQE @ 0lp/mm	> 70 %
Battery charging time	3.5 h (Battery charger) / 7 h (magnetic cable use)
Number of images every 20 seconds	900 images /12 sec cycle, 150 images / 1 min cycle

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Dimensions flat panel



Battery charging stand including  
replacement battery



### Specifications subject to revision without notice

The editor strives to impart correct and up to date information. The provided specifications are based on current knowledge and are subject to revision without notice. This brochure is subject to correction. The editor assumes no responsibility for the information being up to date, correct and complete.

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