

Thales Pixium 4343 CsI detector

Short description:

- Detector based on amorphous Silicon (a-Si) with Caesium Iodide (CsI) scintillator
- Active area 42.5 x 42.5 cm (17" x 17")
- Pixel pitch 148 μm
- Resolution > 3.5 lp/mm
- Dynamic range (DQE) > 65%
- A/D conversion 16 Bit
- Gigabit Ethernet interface
- Size 49.0 x 50.0 x 4,6 cm (WxHxD)
- Weight approx. 12,5 kg
- 36 month standard warranty

Large format - low dose - easy to integrate

The Thales Pixium 4343 CsI detector is a large-format, digital detector (DR) for X-ray examinations. The X-ray detector produces very high quality X-ray images - even at a low dose. It can easily be integrated into any X-ray system and guarantees high productivity.

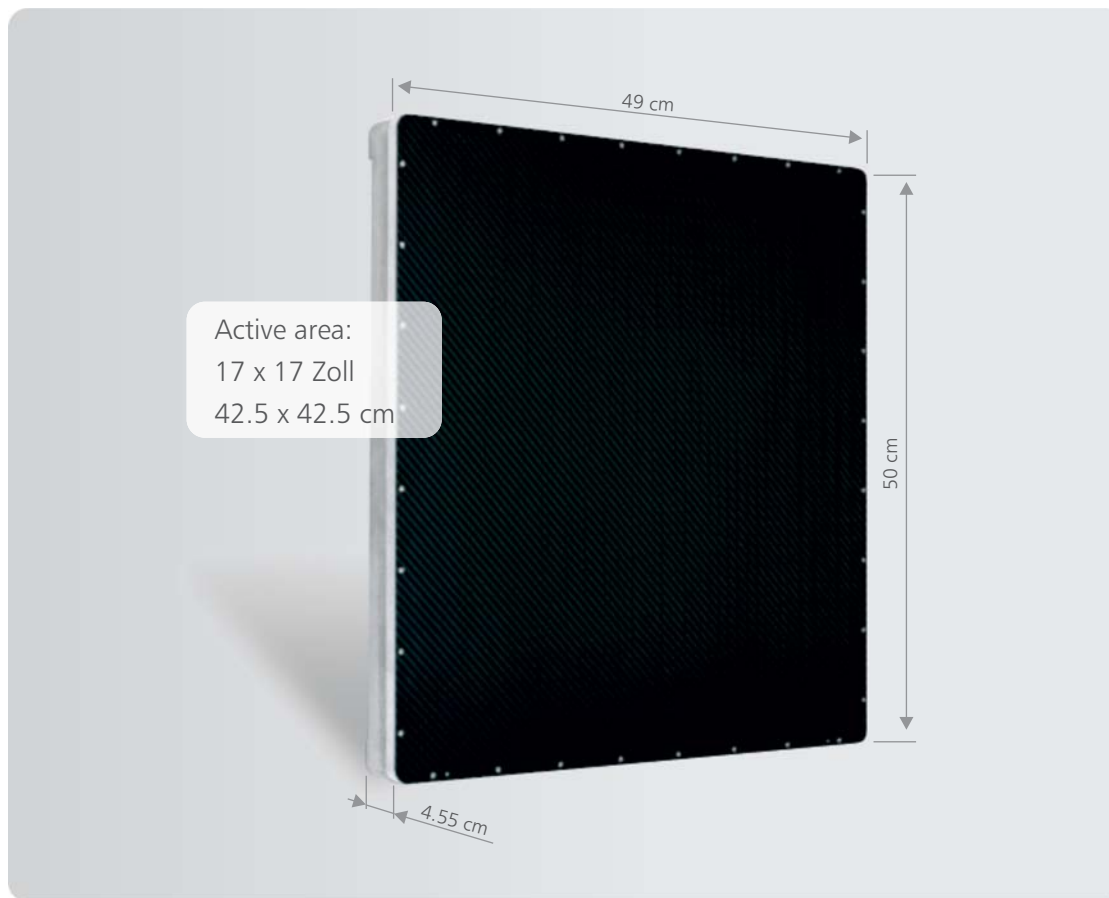
Benefits:

- perfect X-ray images at a low dose
- fantastic resolution of 148 μm
- simple Ethernet connection between the detector and the system
- very robust



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Details and dimensions



Technical details

Technology/ screen	aSi, CsI
Pixel pitch / Microns	148 μm
Resolution	> 3.5 Lp/mm
Imaging area	42.5 x 42.5 cm (17 x 17")
NED (Noise Equivalent Dose) max.	0.30 μGy
Maximum linear dose (radiological mode)	50 μGy
X-ray generator voltage range	40 – 150 KVp
A/D conversion	16 bits
Image acquisition time - Preview	~ 3s
Image acquisition time - Display	< 5 s
Dynamic range (DQE)	> 65%
Dimensions	12.5 kg
Weight	50.0 x 49.0 x 4.55 cm

Specifications subject to revision without notice

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