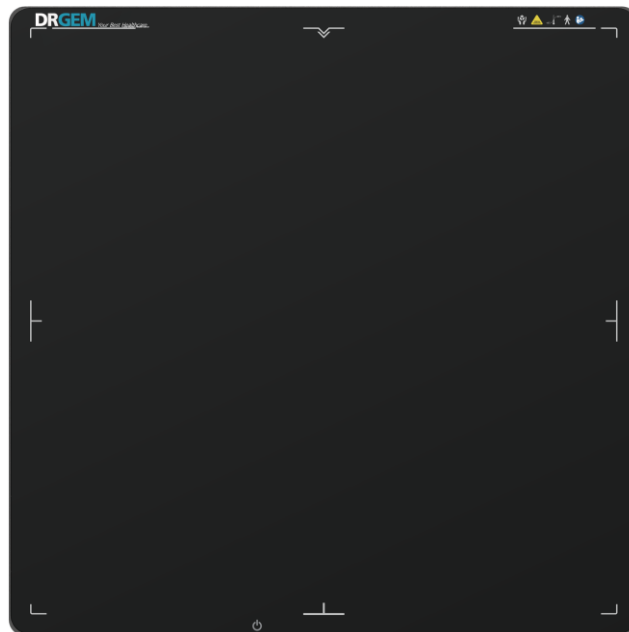


Mano 4343A

Digital Flat Panel Detector

Product Specifications



DRGEM
Your Best Healthcare

1. SPECIFICATION

NO.	Specification	Performance
1	Detector Technology	Amorphous Silicon
2	Scintillator	CsI
3	Active Area	426.7mm x 426.7mm
4	Number of Pixels	4267 x 4267
6	Pixel Pitch	100 um
7	AD Conversion	16 bit
8	Trigger Mode	AED/Software
9	Data Interface	Wireless/Wired
10	Dimension	460mm*460mm*15mm
11	Weight	3.4 kg
12	Static Loading	300kg Uniformity
13	Battery Capacity	>7.5 hours
14	Water Proof	IP56

● Product Description and Feature

Mano 4343A is a 43x43 cassette-size wireless portable flat panel detector designed for Human used digital radiography

- Fast workflow
- More image details
- Excellent image quality
- Cassette-size flat panel detector

● Image Performance

NO.	Specification	Performance
1	MTF @ 1.0 LP/mm (Typ.)	70%
2	MTF @ 2.0 LP/mm(Typ.)	40.4%
3	MTF @ 3.0 LP/mm(Typ.)	22.8%
4	DQE @ 0 LP/mm(2.5uGy@RQA5, Typ.)	73.4%
5	DQE @ 1.0 LP/mm(2.5uGy@RQA5, Typ.)	55.9%
6	DQE @ 2.0LP/mm(2.5uGy@RQA5, Typ.)	40.4%
7	Limiting Resolution (without phantom or grid)	5.0 lp/mm
8	Sensitivity (LSB/uGy)	Typ. 519
9	Maximum Linear Dose (uGy)	Typ. 100

● Workflow

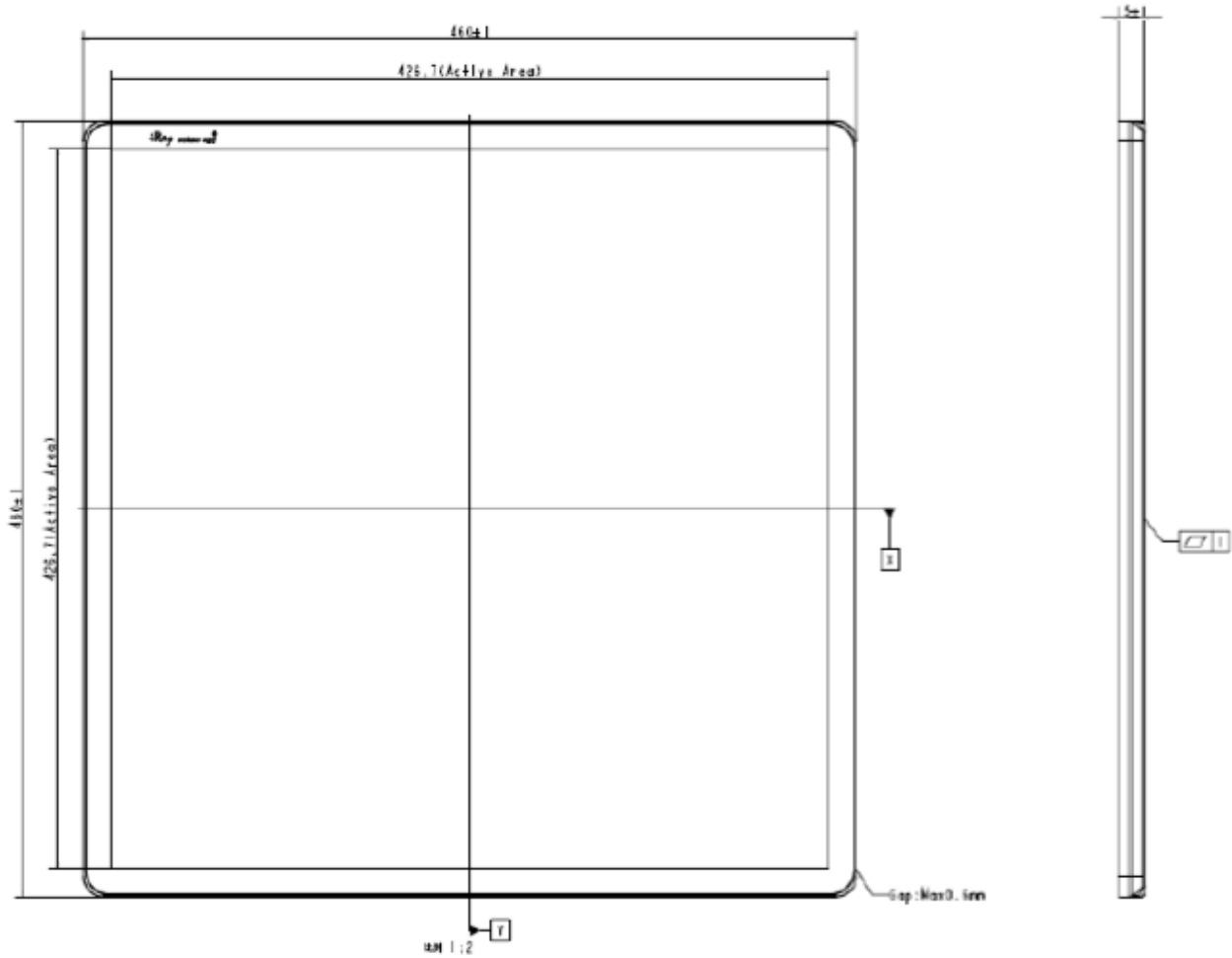
NO.	Specification	Performance
1	Trigger Mode	AED (Optional) /Software
2	Preview Acquisition Time	≤ 1s
3	Full Image Time	≤ 3s
4	Cycle Time	≤ 6s

● Environmental Requirement

NO.	Specification	Performance
1	Operating Temperature 10 ~35	Operating Temperature 10 ~35
2	Storage & Transport Temperature with Package -20 ~55	Storage & Transport Temperature with Package -20 ~55
3	Operating Humidity 5%~90%	Operating Humidity 5%~90%
4	Storage & Transport Humidity with Package 5%~95%	Storage & Transport Humidity with Package 5%~95%
5	Operating Atmospheric Pressure 700mbar~1060mbar	Operating Atmospheric Pressure 700mbar~1060mbar
6	Storage & Transport Atmospheric Pressure 700mbar~1060mbar	Storage & Transport Atmospheric Pressure 700mbar~1060mbar

2. DIMENSION

Unit: mm



REVISION HISTORY

Revision Number	Date	Description
0	MAY 10, 2024	First Edition



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