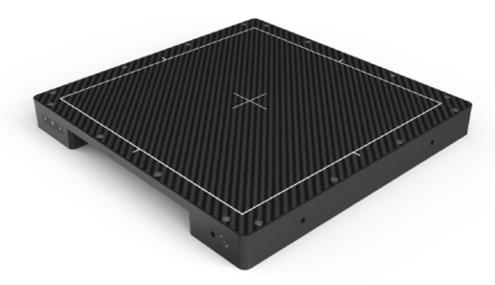
X-Panel 2323z FXM-TG



IGZO X-ray flat panel detector



Key Features

- Embedded image calibration feature for easy integration
- Pixel size 148 µm
- Low-noise, excellent dynamic image even at a low dose
- High speed without image delay
- The frame rate of Max. 80 fps (1x1)
- Cost saving

X-Panel 2323z FXM-TG is a 23 x 23 cm fixed type, dynamic flat panel detector based on Indium Gallium Zinc Oxide technology. The advanced IGZO TFT with CsI Scintillator provides an ultra low-noise image at a low dose and a high acquisition frame rate. It features excellent sensitivity and high dynamic range modes. X-Panel 2323z FXM-TG structural design effectively reduces the bending radius of the detector outlet, shortening the wiring space for easy installation and integration of systems. It performs well in C-arm systems, image intensifier replacement and upgrade.

echnical Specifications	
Technology	
Sensor	IGZO
Scintillator	Csl
Active Area	227 x 227 mm
Pixel Matrix Pixel Pitch	1536 x 1536
AD Conversion	148 µm 16 bits
	10 013
Interface	40C Filmond
Data Interface Exposure Control	10G Ethernet Pulse Sync In / Pulse Sync Out
Work Mode	Software Mode / HVG Sync Mode / FPD Sync Mode
Frame Speed	80 fps (1x1)
Operating System	Windows7 / Windows10 OS 32 bits or 64 bits
Technical Performance	
Resolution	3.37 lp/mm
Energy Range	40~160 KV
Lag	0.8% @ 1st frame
Dynamic Range Sensitivity	≥88dB 740 lsb/uGy
SNR	50 dB @ (20000lsb)
MTF	70% @ (1 lp/mm)
	42% @ (2 lp/mm)
	23% @ (3 lp/mm)
DQE (2uGy)	68% @ (0 lp/mm)
	43% @ (1 lp/mm) 28% @ (2 lp/mm)
and the second second	20% & (2 lp/11111)
Mechanical	
Dimension(H x W x D)	268 x 265 x 28 mm
Weight Sensor Protection Material	2.9 Kg Carbon Fiber
Housing Material	Aluminum Alloy
Environmental	
Temperature Range	10~35°C (operating);-10~50°C (storage)
Humidity	30~70% RH (non-condensing)
Vibration	IEC 60068-2-6 Operation: 0.7G, 10-150Hz
Shock	IEC 60068-2-27 Operation: 2G, duration 11ms
Dust and Water Resistant	IPX0
Power	
Supply	100~240 VAC
Frequency	50/60 Hz
Consumption 82 - L 82 - L 82	14 W
44	4
autoritative horse	
── 2×MOUNTING HOLES M5-0.8×4mm DEEP	
268.2	
20.4 MARGIN 227.3(ACTIVE AERA)	14 6 4×MOUNTING HOLES M5-0.9×8mm DEEP
4 4 6	
888	
WARIG	
20.5	
(A)	⊗
265 227.73/ACTIVE AERA)	
3/4CT 2	
OLES—OLESP	■ ■ PayMounting Holes ■
OLES————————————————————————————————————	— 25MOUNTING HOLES MS-0,8×4mm DEEP
DEEP	MS-Q.89-4(mm DEEP
DEEP SS	MS-Q.B.VAIRIM DEEP
DEEP SECOND SECO	MS-0.89-4mm DEEP
DEEP SS	MS-0.894mm DEEP
DEEP SECOND SECO	MS-0.8-4mm DEEP
CHASSIS GROUND MS-0.8×4mm DEEP TIMR-ACED HOLE	MS-0,8-4mm DEEP 14 15 58 152 6
CHASSIS GROUND MS-0.8×4mm DEEP TIMR-ACED HOLE	MS-Q.8-4mm DEEP SS 6 58.1 152 6