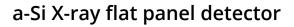
## Whale4343FSI







## **Key Features**

- •Pixel pitch 140 µm
- Active Area 430×430mm
- Image Acquisition Time ≤1s
- High dynamic range and a long lifetime among other benefits

Whale4343FSI is a fixed type and low noise X-ray flat panel detector. It is based on amorphous silicon (a-Si) technology that features a high dynamic range and a long lifetime among other benefits. Whale4343FSI has good image quality and a large dynamic range. Furthermore, it comes with multiple gain modes, that make it compatible with both high sensitivity and large dynamic range requirements. Optimized for industrial component counting, casting, pipe welding applications.



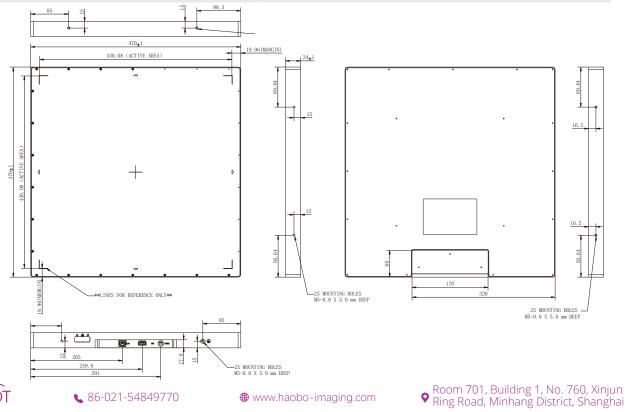


## **Technical Specifications**

(DT

**&** 86-021-54849770

Technology	
ensor	a-Si
cintillator	GOS / CSI
active Area	430 x 430 mm
ixel Matrix	3072 x 3072
ixel Pitch	140 µm
D Conversion	16 bits
nterface	
Data Interface	Gigabit Ethernet
xposure Control	Pulse Sync In / Pulse Sync Out
Vork Mode	Software Mode / HVG Trigger Mode / AED Trigger Mode
mage Acquisition Time Operating System	≤1 s Windows7 / Windows10 OS 32 bits or 64 bits
	Willidows77 Willidows10 O3 32 bits 01 04 bits
echnical Performance	3.5 lp/mm
Resolution	40~160KV / 350KV
inergy Range	0.8% @ 1st frame
ag	2.60dB
Dynamic Range	540 lsb/uGy
ensitivity NR	48 dB @ (20000lsb)
MTF	72% @ (1 lp/mm)
#III	44% @ (2 lp/mm)
	25% @ (3 lp/mm)
DQE (2uGy)	64% @ (0 lp/mm)
	41% @ (1 lp/mm)
	28% @ (2 lp/mm)
lechanical	
mension(H x W x D)	470 x 470 x 34 mm
/eight	9.5 kg / 13 kg
ensor Protection Material	Carbon Fiber
ousing Material	Aluminum Alloy
nvironmental	
emperature Range	10~35°C (operating); -10~50°C (storage)
Humidity	30~70% RH (non-condensing)
libration	IEC/EN 60721-3 class 2M3 (10~150 Hz, 0.5 g)
hock	IEC/EN 60721-3 class 2M3 (11 ms, 2 g)
Oust and Water Resistant	IPX0
lower	
Power Gupply	100~240 VAC
	100~240 VAC 50/60 Hz



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