



PZ MEDICAL
品臻影像

2121Z



Enlighten The World



Stable



Efficient



Innovative

The 2121Z is a 21x21cm high-performance dynamic FPD. The detector has excellent image quality, offering high signal to noise ratio, high dynamic range and high frame rates. It can be used in different applications including C arm, and real time x-ray inspections. 2121Z provides the synchronization I/O's and SDK interfaces, to connect to generators and other components in the X-ray system.

Technical Parameter

Detector Technology	a-Si
Scintillator	CsI
Image Size	20.48×20.48cm
Pixels Matrix	1024×1024
Pixel Pitch	200 μm
A/D Conversion	16bit
Maximum Linear Dose	81 μGy
Minimum Detectable Dose	14nGy
Spatial Resolution	3.6LP/mm
Frame rate (1×1)	30fps
Frame rate (2×2)	60fps
X-ray Voltage Range	40-150KV
Adapter Output	DC 24V,60W
Adapter Input	AC100-240V,50-60Hz
Power Dissipation	20W
Data Interface	GigE
Detector Weight	1.9kg
Dimensions	26.0×25.2×6.5cm
Water tightness	IP54
Detector Housing Material	Carbon, Alloy
Operating Environment	5-35℃,10-75% RH

Outline Drawing

