



## Enlighten The World



**Stable**



**Efficient**



**Innovative**

The 6543Z is a high performance dynamic FPD with excellent image quality, high dynamic range and high frame rate. The FPD has various binning and FOV options. The FPD is designed to meet the needs of many applications, including CBCT, gastrointestinal imaging, and industrial X-ray flaw detection. Provide the synchronization signals and SDK interfaces, can be easily connected to and synchronized with the generators and other components in the X-ray system.

## Description

Detector Technology	IGZO
Scintillator	CsI
Image Size (mm)	64.5×42.7cm(17×26in)
Pixels Matrix	4608×3072
Pixel Pitch	139μm
A/DConversion	16bit
Minimum Detectable Dose (nGy, RQA5)	14nGy
Maximum Linear Dose (uGy, RQA5)	110μGy
Spatial Resolution	3.6LP/mm
X-ray Voltage Range	40-150KV
Adapter Output	DC 24V,60W
Data Interface	GigE
Power Dissipation	20W
Adapter Input	AC100-240V,50-60Hz
Water tightness	IP56
Dimensions	69.7×46.9×1.75cm
Operating Environment	5-35°C,10-75% RH
Detector Housing Material	Carbon, Alloy
Frame rate (1x1, fps)	3
Frame rate (2x2, fps)	12
Frame rate (3x3, fps)	30
Frame rate (6x6, fps)	60

## Outline Drawing

