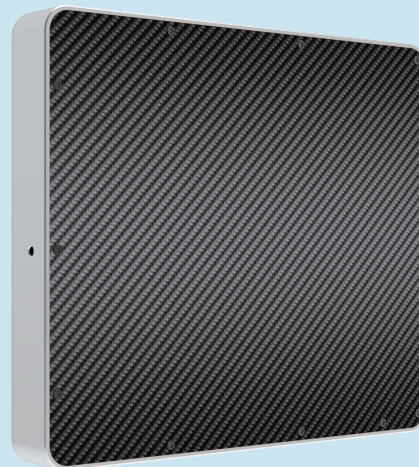


Dynamic FPD

1613D



Core Technologies

Portable

- Ultra Slim, Ultra Light, Wireless
- Anti-Water, Anti-Drop, Anti-Theft

Reliable

- Work in The Toughest Environments
- Meet Rigorous Medical Requirements
- Own Super Reliable Communication Protocol

Durable

- Design Rigorously
- One-key Calibration
- Service Remotely

Universally Adaptable

- Powerful Fundamental Design
- Deep Understanding of X-ray App
- Flexible Configurations For All App

Highly Efficient

- High Speed Wifi Transmission
- 10Million Pixel Within One Second

PRODUCT INTRODUCTION

CSI/GOS

125 μ m

1280 \times 1024

16bit

65536 Grey Scales

Type 1613D is a high performance dynamic FPD with excellent quality image, high frame rate and tiny pixel size. This FPD can be operated in 1x1 Original/2x2 binning mode and panoramic image mode. The frame rate is able to reach 30fps, 60fps and 300fps (8mm) respectively. There is widespread apply to dental CBCT, industrial real-time imaging and other fields. We provide both synchronization signal and SDK interface which means it is easily to be driven and the facilitate to integration with X-ray components such as generator and tube ETC.

ENLIGHTEN THE WORLD

DESCRIPTIONS

SPECIFICATIONS

Detector Technology	a-Si
Scintillator	CSI
Image Size	16×13cm(6×5in)
Pixel Matrix	1280×1024
Pixel Pitch	125μm
A/D Conversion	16bit
Maximum Linear Dose	110μGy(CSI)
Ghost (300μGy,60s)	<0.25%
Spatial Resolution	4.0LP/mm
X-ray Voltage Range	40-150KV
Maximum frame rate (1×1)	30fps
Maximum frame rate (2×2)	60fps
Panoramic mode	300fps (8mm)
Data Interface	GigE
Power Dissipation	10W
Adapter Input	AC100-240V,50-60Hz
Adapter Output	DC 24V,60W
Dimensions	19.6x17x3.7cm
Weight	1.25kg
Housing Material	Carbon,Alloy
Operating Environment	5-35°C,10-75% RH

OUTLINE DRAWING

