Wired/Wireless Portable FPD

3543A



PZ MEDICAL
品臻影像

Core Technologies

Portable
- Ultra Slim, Ultra Light, Wireless
- Anti-Water,Anti-Drop,Anti-Theft
- Longest Battery Standby Time

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

AED
- Fast Response
- High quality Image
- Patented Technologies
- Automatic Exposure Synchronization

PRODUCT INTRODUCTION

CSI/GOS

140μm

2560×3072

16bit

65536 Grey Scales

Type 3543A is a cassette-sized flat panel detector with high performance. Battery stands by for at least 10 hours. Unique wireless communication protocol ensures fast and reliable transmission of a full resolution image within 2 seconds, and no more than 5 seconds even in the worst environment. The detector output high quality images with high DQE and high resolution. Equipped with highly sensitive AED function, it is easily synchronized with any type of generators.

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ENLIGHTEN THE WORLD

DESCRIPTIONS	SPECIFICATIONS
Detector Technology	a-Si
Scintillator	GOS / CSI
Image Size	35×43cm(14×17in)
Pixel Matrix	2560×3072
Pixel Pitch	140μm
A/D Conversion	16bit
Minimum Detectable Dose	20nGy(GOS) 14nGy(CSI)
Maximum Linear Dose (RQA5)	150μGy(GOS) 110μGy(CSI)
Ghost(300μGy,60s)	<0.25%
Spatial Resolution	3.6LP/mm
Image Acquisition Time	1s(Wired)/2s(Wireless)
X-ray Voltage Range	40-150KV
Battery Standby Time	10H
Data Interface	GigE/802.11ac
Power Dissipation	20W
Adapter Input	AC100-240V,50-60Hz
Adapter Output	DC 24V,60W
Dimensions	38×46×1.5cm
Weight	3.3kg(Wireless)/2.9kg(Wired)
Housing Material	Carbon,Alloy
Water Tightness	IPX3
Operating Environment	5-35℃,10-75% RH

OUTLINE DRAWING



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