Whale4343PSM-X

Detection Technology

a-Si X-ray flat panel detector



Key Features

- 100 µm pixel pitch
- Superior image quality
- Human bionic structural design
- Direct deposition Cesium Iodide (CsI) Scintillator effectively reduces light scattering between pixels

Whale4343PSM-X is a 43 x 43 cm portable type, amorphous silicon based static flat panel detector. With a 100 μ m pixel pitch, it provides superior image quality and high image signal-to-noise ratio. Features excellent sensitivity and high dynamic range modes. It conforms to the structural design of human bionics, and is an optimal solution for medical DR and radiography.





Technical Specifications

A-Si CSI / GOS 430 x 430 mm 4288 x 4288 100 μm
430 x 430 mm 4288 x 4288
4288 x 4288
100 µm
4.6.1.9
16 bits
Gigabit Ethernet
Prepare / Ready / X Ray On(Edge or Level)
≤1s
Windows7 / Windows10 OS 32 bits or 64 bits
5.0 lp/mm
40~160 KV
0.8% @ 1st frame
≥76 dB
360 lsb/uGy
47 dB @ (20000lsb)
75% @ (1 lp/mm)
48% @ (2 lp/mm)
29% @ (3 lp/mm)
60% @ (0 lp/mm)
38% @ (1 lp/mm)
21% @ (2 lp/mm)
460 x 460 x 15 mm
4.8 Kg
Carbon Fiber
Aluminum Alloy
10~35°C (operating);-10~50°C (storage)
30~70% RH (non-condensing)
IEC/EN 60721-3 class 2M3 (10~150 Hz, 0.5 g)
IEC/EN 60721-3 class 2M3 (10 1301)2, 6.5 g)
IP54
100~240 VAC
50/60 Hz
18 W



