PIXX 1212
Flat-panel X-ray Detector

PIXX 1212 is a flat-panel digital X-ray detector with unique image coverage of 12" by 12" for portable application with features not found on any other image device. PIXX 1212 is equipped with premium Glass encoder which allows high X-ray sensitivity and high image quality. Thanks to 24th generation AED technology which makes continuous and stable image acquisition without any loss of X-ray signal. On-board storage and Mobile Viewer allow users to use DR detector as like CR imaging plate. The detector provides other features that you love.
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Applications
Pediatric  Pediatric / Neo-natal  Equine / Large Animals
Easy and simple maneuvering with light weight and slim design
Fit for the NICU and neonatal isolette trays
Ultra light weight design (1.9kg)

Features
High Image Quality  Faster Image Acquisition  AED*Plus
High SNR and Low Noise at lower dose
less than 3 ~ 5 second
Second generation of continuous & accurate AED provides faster and efficient image acquisition
Stand-alone Use  On-board Storage  Web Viewer for Mobile Phone
Without workstation, detector works with x-ray source in portable & mobile environment
Protect any data loss by saving up to 200 images on the detector
Instant Viewer from any personal mobile devices
One-piece Carbon Body  OLED Display for Status
Full carbon fiber housing allows light and durable detector
OLED window helps user to check the status of detector

Specifications
Application  Sensor  Conversion Screen
General Radiography  CsI/GOS  a-Si TFT array Flat Panel Detector
Image Size
12 x 12 inch (287 mm x 287 mm)
Sensor Pixel  2,048 x 2,048 (4.2M pixels)
Pixel Size  140 μm
Spatial Resolution
3.8 lp/mm
Image Data
14 bit /16 bit
Trigger Mode  Calibration Mode
AED/Automatic Exposure Detection, Manual Trigger  ACC (Auto Calibration Control), Manual Calibration
Data Transfer Time
Less than 1 sec.
Capture Cycle Time
3 ~ 5 sec. approx.
Wired Interface
Gigabit Ethernet
Voltage
AC 100 ~ 240V, 50/60Hz I DC18V 3.5A
Wireless Standard
IEEE 802.11ac
Battery Type
Lithium Ion Polymer Battery
Battery Life Time
8 hours approx.
Dimensions (W x L x T)
308.5 mm x 319.5 mm x 15 mm
Weight
1.5 Kg (3.3lb), 1.9 Kg (4.1lb, with battery)