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 Gadolium scintillator which allows high X-ray sensitivity and high image quality. Thanks to 2nd 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
- Podiatric
- 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
- Stand-alone Use
- On-board Storage
- Web Viewer for Mobile Phone
- One-piece Carbon Body
- OLED Display for Status

- 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
- 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
- Full carbon fiber housing allows light and durable detector
- OLED window helps user to check the status of detector

Specifications
- Application: General Radiography
- Sensor: a-Si TFT array Flat Panel Detector
- Conversion Screen: CsI/GOS
- Image Size: 12 x 12 inch (287mm x 287 mm)
- Sensor Pixel: 2,048 x 2,048 (4.2M pixels)
- Pixel Size: 140 μm
- Spatial Resolution: 3.6lp/mm
- Image Data: 14 bit/16bit
- Trigger Mode: AED (Automatic Exposure Detection), Manual Trigger
- Calibration Mode: 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): 308.5mm x 319.5mm x 15mm
- Weight: 1.5 Kg (3.3lb), 1.9Kg (4.1lb, with battery)