

**UPGRADING  
TO DIGITAL**  
WAS NEVER SO EASY



Convert existing analog X-ray system to a low dose, high resolution Digital Radiography System

# ULTISYS DR **RF**



## Wi-Fi

Wireless Acquisition & Transfer



## Scintillator

Direct Deposit CsI:TI



## Digital Retina Technology

Lightning Fast Acquisition

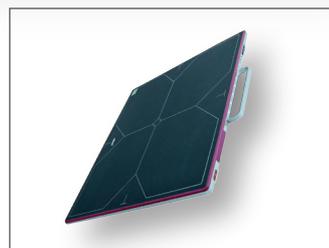
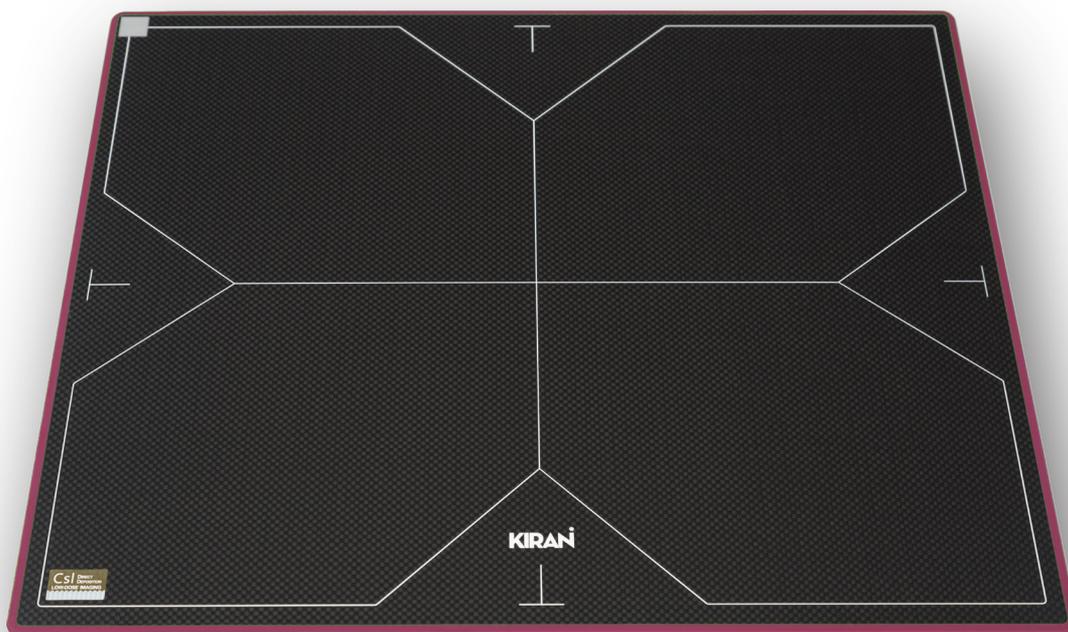
Powerful Image Processing

High Resolution Display

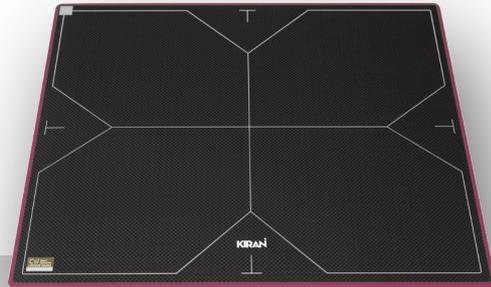


## Full Field AED

Auto Trigger Mechanism



# ULTISYS DR **RF**



## Usage

- Convert any Analog X-ray to a full Digital Radiography Solution with DR Retrofit Kit
- Lightweight, wireless, rugged, cassette sized detector that can be used with both mobile and fixed conventional X-ray system

## Benefits

- Wireless detector with WiFi enabled system
- Ease of sharing DR solution across multiple X-ray systems
- Light weight and slim design with built-in foldable handle
- 14" x 17" cassette-sized wireless detector
- Extra-long battery life with 1400 shots and 7 hours stand-by time
- The best performance CsI direct-deposition technology on TFT/PIN PD panel and low noise electronics
- Better image quality at the lowest dose
- Shorter exposure time resulting in better image quality
- Instant image display leading to higher throughput

# Technical Specifications - Detector

## Sensor

Scintillator	Direct Deposit CsI : TI
Active Area	433.7 x 354.8mm
Pixel Array	2816 x 2304
Pixel Pitch	154- $\mu$ m

## Communication Interface

Communication Interface	Gigabit Ethernet 2.4/5 GHz, 300Mbps
Image Acquisition Time	2-3s (wired) 4-5s (wireless)
Exposure Control	F <sup>2</sup> AED Manual Sync

## Environmental

Operating Temperature Range	5-35°C
Humidity Range (Non-condensing)	30%-75% RH
Storage Temperature Range	-20-55°C
Humidity Range	10%-90% RH

## Mechanical

Dimensions	460 X 384 X 15mm (18.11" X 15.11" X 0.59")
Weight	3.7 Kg (8.16 lbs.)
Housing Material	Carbon Fiber Front High Strength Aluminum Alloy Back

## Power

Power Dissipation	8W (Standby) 20W (Operating)
Power Supply	100-240V AC
Frequency	50/60Hz

## Software

Intuitive Image Acquisition & Image Processing



# Diagnostic Medical Display

DICOM IMAGES WITH HIGH ACCURACY



## Monitor Specifications

- 1MP gray scale diagnostic medical display
- Black Alloy Case
- Contrast ratio 900:1
- Display ratio 5:4
- Easy Installation
- Brightness Stabilization System
- Display Size : 19"
- Resolution : 1280 x 1024
- Max. Brightness : 1000cd/m<sup>2</sup>
- Viewing Angle : 170/170
- DICOM Standard
- Compatible with International Medical Standard Application : DSA / DSI / CT / PACS acquisition workstation



# KIRAN<sup>\*</sup>

D-117, 134, T.T.C. Industrial Area,  
Nerul, Navi Mumbai - 400706. INDIA  
Ph: +91 22 27630942, Fax: +91 22 27671790  
Email id : kiran@kiranxray.com, groupmarketing@trivitron.com

[www.kiranxray.com](http://www.kiranxray.com)

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