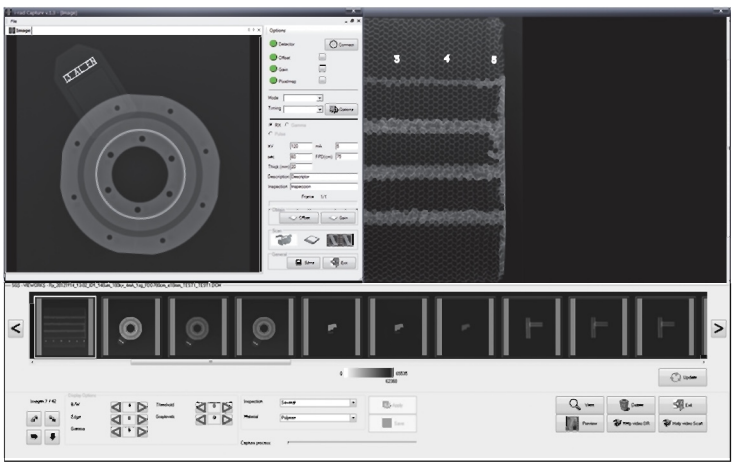
i-rad®
industrial radiography direct

➢ Real Time Digital Radiography Solutions

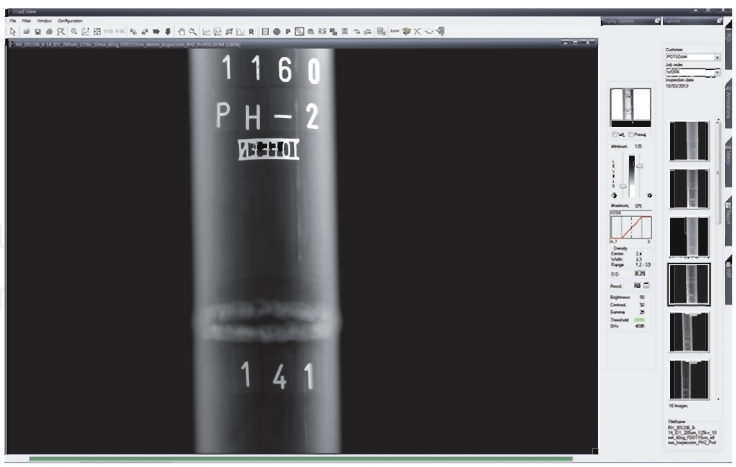
➢ WiFi & Auto Trigger

➢ Automatic **best view** after x-ray shoot in **< 2 sec**

➢ Leader-in class **100 µm** pixel pitch
15 Mpixel Image Matrix



- 35cm x 43cm x 15cm Detector with True 14" x 17" image
- Direct deposition **CsI**:Tl, for excellent image quality
- **Wireless** 802.11n standard
- **Auto Trigger** & Compatibility with X-Rays CP / Pulsed
- Side-slot inserted rechargeable Litium-Ion battery
- Industry Leading 14 bit (16384 grayvalues) Image Quality
- Advance NDT Inspection Modules: In-Motion Radiography (**IMR**) with **Video** output
- Complete i-rad® Software suite, developed exclusively for NDT industry and 100% supported by Digirad



Trusted Partner for Your Digital Imaging Needs Today

Digirad has been an industry leader in Digital Radiography Systems in the last 15 years,providing quality solutions to the NDT market.
It is the moment for Real Time Radiography solutions based in affordable and high quality products easy to use.

Transcend Beyond the NDT Norm

i-rad® direct is a unique product that offers unparalleled versatility for all imaging environments. Compact enough for portable use, gives NDT industries access to fast, high quality real time radiography imaging at an affordable price.

Transform Your Practice

i-rad® direct delivers industry leading image quality at the maximum resolution today. With i-rad® software specialized in NDT inspections, it is the ideal way to make digital x-ray imaging a reality in your inspections and is well within the reach of every budget.

XRPad 4336

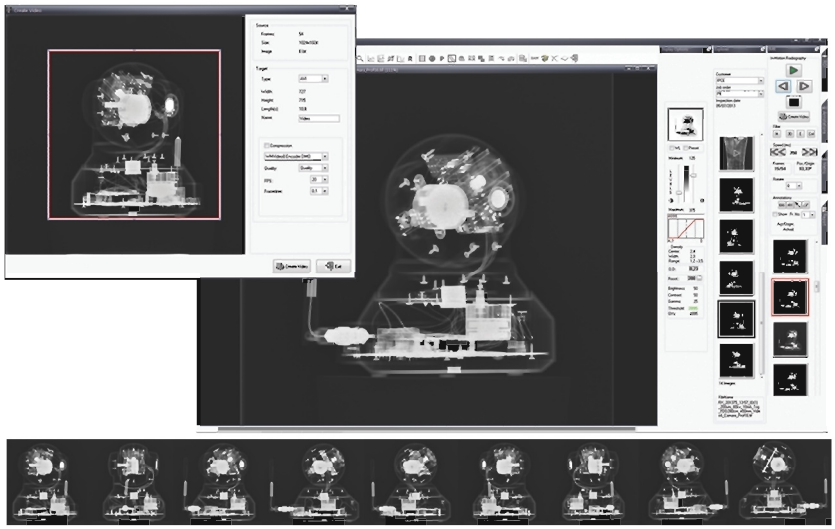
The XRPad is wireless, light weight (3.5kg), flat panel detector for digital radiography with and embedded rechargeable battery and single-piece carbon-fiber for the front and back housing that allows easy placement and cleaning.

Panel	Single substrate amorphous silicon activeTFT/diode array
Scintillator	Direct deposition CsI:Tl
Pixel Matrix	3556 x 4320
Pixel Pitch	100 µm & 5 lp/mm
ADC	14 bit
Integration time	400 ms
Wireless	802.11n WiFi standard
Wired data	GigE Vision standard via optional power & communication tether
Battery LBP	Rechargeable 4.5 hours Litium-Ion

Battery charger LBC	External 2 bay charger 100 - 240V AC 50/60 Hz
Power supply IPU	Optional external power supply 100-240V AC 50/60 Hz

i-rad Software

Software & Norms	Meets CEN, API, ASTM, ASNT, ASME codes
Specific NDT Workflows	Oil&Gas, Aircraft, Automotive, Onstream and others
DR Detector control	100% integrated and supported
Exposure Indicator	Computed for Each Image
Image Review	Window/Level, Pan, Zoom, Flip, Rotate, Invert, Aut. LUT Management, Annotate, Magnifying Glass
Measurements	Manual and automatic in different modules
Image Processing (Based on inspection type)	Automatic in capture. Specific NDT filters Automatic Window/Level Determination
3D In-Motion & Video	Real time In-Motion Radiography with 3D multi-frame viewing IMR optional module. Video AVI & Mpeg output. Video ROI creator



Accessories

Rotational Table for Multiframe captures
Speed 0.4 - 1.0 rpm
142 - 53 14 bit 100 µm / frame
Objects weight supported: 65kgs

Database	SQL Full NDT Database including DICONDE Tags
Image Output	DICONDE, TIFF, JPEG
Reports	Automatic using PDF
DICONDE Compatibility	Storage Class User Modality Work list Storage Commit Print Class User Performed Procedure Step Import/Export to/from External Media

Portrait and landscape support for external applications
Light magnesium adjustable tripod

Computer (Recommended minimum specification)

Computer	Laptop or Workstation Intel i5, 3.0 GHz
Installed Memory	4 GB (RAM)
Display	LED+ , Color 1280x1024
Optional Display	20-24 LED+ Diagnostic 1920x1080 Color
Operating System	Windows 7 32 & 64 bit
Storage	500GB SATA & USB3 SSD Disk
Imaging Network	TCP/IP & WiFi 802.11n standard

Specifications Subject to Change

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