



DIGITAL RADIOGRAPHY

STATIC & DYNAMIC DETECTORS

PHOTON COUNTING DETECTORS

FLEXIBLE / CURVED DETECTORS

PiX 0506 NDT is state-of-the-art, solid-state CMOS detector for dynamic imaging. The 5x6 inch CMOS sensor provides a dynamic range up to 72 dB, and supports programmable gain and read-out modes. It enable high speed imaging up to 18 fps with excellent sensitivity. The **PiX 0506 NDT** is suited for industrial NDT applications including aerospace imaging, BLC (bondline corrosion), microfocus inspection etc.

Pacific NDT specializes in providing high quality x-ray imaging solutions for industrial and security use. We are based in the beautiful Pacific Northwest (Seattle, WA) and all of our designs, assembly & manufacturing is done in the USA. We have a range of **Computed Radiography (CR)** and **Digital Radiography (DR)** products powered by **PiX** (acquisition software).

Our digital detectors cover a wide range of applications including **Aerospace, Oil & Gas, Powerline, Pipeline Integrity, Concrete, Security, Automotive, Battery Inspection** etc. Our company mission is to have successful installations in as many countries as possible while ensuring excellent post sales service.

Our software is available in **English, Spanish, Portuguese, German & Chinese**. Local language software is available upon request. Please see page 2 to review the technical specifications of the product.

To learn more about upgrade options visit our website at: www.pacificndt.com





WHY CHOOSE PACIFIC NDT

- US Based Manufacturer focused on high quality.
- Global install base.
- DICONDE compliant SW.
- Single SW controls 12 hardware solutions (CR, DR & CT).
- Free on-site demos and training.
- Solutions range from 15 to 200 µm pixel pitch.
- Static, Dynamic & Real time solutions available.
- Trustworthy & reliable customer support.
- Complete engineering & design performed in the U.S.
- Proven performance in 19 countries and counting.

PACIFIC DR PANEL

(available in different sizes)

X-RAY SOURCE

(determined depending on scope of project)

ACCESSORIES

(include but not limited to dongle, USB wifi converter, Pelican case etc.)

PACIFIC NDT ARMOR

Why PiX 0506 NDT ?

- 50 µm pixel pitch with 16-bit ADC
- CMOS detector technology
- 4.6 x 5.6 inch imaging area
- Gigabit Ethernet interface, without image loss
- Fast speed, high throughput
- IP65 ingress protection
- "Plug and Play" Software

RUGGEDIZED LAPTOP OR TABLET

PiX SOFTWARE

ADVANCED IMAGE PROCESSING

Technical Specifications*

	PiX 0506
Detector Technology	CMOS
Scintillator	CsI
Pixel Pitch (µm)	50
Pixel Matrix	2330 X 2874
Active Area (mm)	116.5 X 143.7
Spatial Resolution (lp/mm)	10
AD Conversion (bit)	16
Frame Rate (fps)	9 (1x1) 18 (2x2)
Data Interface	Ethernet
Trigger Mode	Continuous and Pulsed

Technical Specifications*

	PiX 0506
X-ray Energy Range	40 -160kV /320 kV
Radiation Hardness (Gy)	10000
Ingress Protection	IP65
Dimensions (mm)	240 X 154 x29
Weight (kg /lb)	3.7kg / 8.1lbs
Power Dissipation (W)	<10
Operating Temperature (°C / °F)	10°C - 40°C / 50°F - 104°F
Storage & Transport Temperature with Package (°C / °F)	-10°C - 55°C / 14°F - 131°F
Operating Humidity (% RH)	20 - 90
Storage & Transport Humidity with Package (% RH)	10 - 95

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
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