



DIGITAL RADIOGRAPHY

RUGGEDIZED LAPTOP OR TABLET

PiX SOFTWARE

ADVANCED IMAGE PROCESSING

The **PiX Security Solution** from Pacific NDT is designed with a complete focus on the end-user. Every component has a snap-on fit for quick and definitive use in a high-pressure environment. The system carries certifications such as Military Standard 810G, 461G for usage in low and high temperature, vibration, and altitude, and is backed by Pacific's ISO 9001:2015 approved quality management system.

The **PiX Security Solution** comes in a portable & rugged pelican case on wheels with custom foam (also available in a backpack solution). The imaging unit consists of an IP67 rated DR with the lowest edge space in the market, a rugged IP65 PC/Tablet, PiX Security Software, PiX Gold 3.0 Control Box, Dual Energy Module (2.0), Golden XRS source & other accessories (bipod stand, tripod stand, etc).

The **PiX Security Solution** operates with a built-in battery and has both tethered & wireless modes. Our system enables you to capture and display an image in a matter of seconds, allowing you to make rapid decisions under high-pressure situations.

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 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



Low Edge Space

“Zero Break”

GLASS-FREE TFT

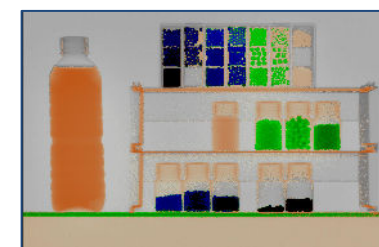
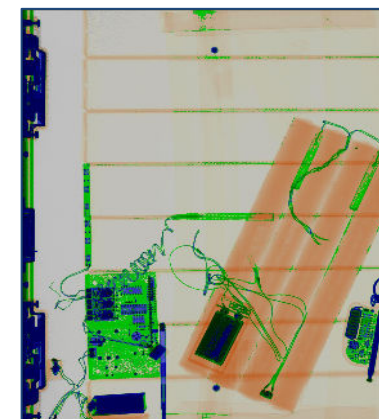


Why Pacific NDT?

- 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.

Technical Specifications*

	PiX 1012	PiX 1012HD (Non Glass TFT)
Detector Technology	a-Si	Glass Free TFT: a-Si
Scintillator	CsI /DRZ-Plus / DRZ- Fine	CsI / Gadox
Pixel Pitch (µm)	125	99
Edge Space (mm)	8	3 (Two Sides)
Pixel Matrix	2000x2400	2424 x 3036
Active Area (mm)	250x300	249.87 x 300.56
Spatial Resolution (lp/mm)	4	5
AD Conversion (bit)	16	16
Maximum X-Ray Exposure (sec)	180	180
Data Interface	Wired/Wireless	Wired/Wireless
X-Ray Energy Range	40 kV - 370 kV	40 kV - 450 kV
Ingress Protection	IP65	IP67
Dimensions (mm)	340x291x18	333.3x282.5x15
Weight (Kg/Lbs) -w/out armor case	2.1kg /4.62lbs	1.59kg /3.50lbs
Power Dissipation (W)	17	DC24V
Operating Temperature (C/F)	10°C - 40°C / 50°F - 104°F	10°C - 50°C / 50°F - 122°F
Storage/Transport Temperature (C/F)	-20°C to 55°C / -4°F - 131°F	-20°C to 55°C / -4°F - 122°F
Operating Humidity (% RH)	20 - 90	30 - 85
Storage & Transport Humidity (% RH)	10 - 95	10 - 95
Battery Life (Capture/Standby)	4 hours / 6 hours	6 hours / 8 hours



*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

PACIFIC NDT COPYRIGHT ©2023 ALL RIGHTS RESERVED BROCHURE 01062023UAE

