

INTRODUCTION

The **PiX EzDR Security** system from **Pacific NDT** is engineered with a complete focus on the end-user, delivering a true plug-and-play experience for high-pressure operational environments. Every component features a quick snap-on design, ensuring fast deployment and reliable performance when it matters most.

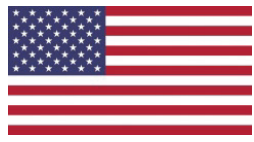
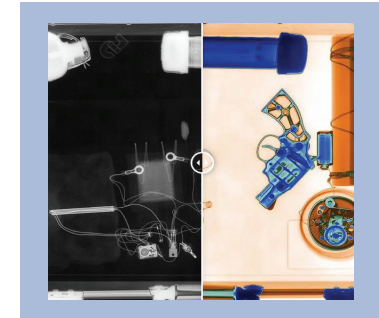
Built to perform in demanding conditions, the system meets MIL-STD-810G and MIL-STD-461G requirements for operation across extreme temperatures, vibration, and altitude environments. It is supported by Pacific NDT's ISO 9001:2015 certified quality management system, ensuring consistent reliability and performance.

The solution is housed in a rugged, portable Pelican case on wheels with custom foam (optional backpack configuration available), enabling easy transport and rapid field readiness.



COMPLETE SYSTEM INCLUDES

- IP67-rated digital detector with ultra-low edge space
- Rugged PC/Tablet
- PiX Security Software
- PiX Wireless Control Unit
- Dual Energy Module
- Golden XRS X-ray source
- Accessories including bipod and tripod stands



**PROUD US BASED
MANUFACTURER**



DETECTOR SPECIFICATIONS

Item	Unit	Specs
Sensor Type	-	TFT Array
X-Ray convertor (Scintillator)	-	Gadox (CsI Option Available)
Dimension (Wx LxT)	mm	400x465x17
Weight	lb - kg	8.1lb - 3.7kg
Pixel Pitch	µm	140
Active Pixel Area	mm	358.4x427.3
Active Pixel Resolution	pixels	2500x3052
Limited Resolution	lp/mm	3.57
AD Convertor	bits	16
Data Transfer Interface	-	Wireless: IEEE 802.11 ac/Gigabit Ethernet
X-Ray Generator Interface	-	AED/Line Trigger
Edge Space	mm	5mm
X-Ray Energy Range	kVp	~450kVp
Battery Performance	-	Over 4 hours (continuous capturing)
Power Consumption	W	45 (DC 12V, 3.75A)
IP Grade	-	IP67
Component	-	Batter Charger, Control Box, Power Supply

**Note: Different detector sizes available based on project requirement.*

TABLET/LAPTOP

Laptop Option

Dell Latitude Rugged, i5 (upgradable to i7), Win 10/11 64-Bit OS, 16GB RAM (upgradable to 32GB), 512GB HD (upgradable to 1TB), Touchscreen, Sunlight readable, 2x USB, 1x RJ45

Tablet Option

PiX SitePad 10, i5 (upgradable to i7), Win 10/11 64 Bit OS, 16GB RAM (upgradable to 32GB), 512GB HD (upgradable to 1TB), Touchscreen, Stylus, Sunlight readable, 2x USB, 1x RJ45

X-RAY GENERATOR SPECIFICATIONS

XR150 GFX 20V

Dimensions (with battery)	L: 10.49" (26.65 cm)
(with Picatinny Rails)	W: 3.54" (8.99 cm)
(without key)	H: 4.71" (11.96 cm)
Weight (with battery)	5.7 lbs. (2.58 kg)
Average Output Dose*	2.4 mR per pulse
Pulse Rate	10 pulses per second
Pulse per Battery charge	9000 +
Operating Temperature	-4 to 158 °F (-20 to 70 °C)
IP Rating	IP 54

XRS3

Dimensions (with battery)	L: 15.42" (39.17 cm)
(with Picatinny Rails)	W: 4.26" (10.82 cm)
(without key)	H: 5.83" (14.81 cm)
Weight (with battery)	11.80 lbs. (5.40 kg)
Average Output Dose*	3 mR per pulse
Pulse Rate	21 pulses per second
Pulse per Battery charge	5500
Operating Temperature	-4 to 158 °F (-20 to 70 °C)
IP Rating	IP 54

