Pacific NDT
NEXT LEVEL IMAGING

INTRODUCTION

The PiX Portable Security Solution from Pacific is designed with a complete focus on the end-user. Every component has a snap-on fit for quick and definitive use in 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 system 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 IP 65 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.

PROUD US BASED MANUFACTURER

SATISFIED CLIENTS INCLUDE:
International Airports, Air Force, Forensic Companies & MANY MORE!

CRITICAL FEATURES

1. Low Edge Space
2. IP 67 Certified Detectors
3. Complete Wireless X-Ray Control
4. Emergency ON/OFF Switch
5. Dual Energy Module
6. Auto-Connect
7. Visual and Audible Alarm
8. Pelican and Backpack Solutions
9. Long Range Image Transfer

PIX CONTROL BOX	BRONZE	SILVER	GOLD	HORIZON
Wireless X-Ray Control	√	√	√	√
Mounting on X-Ray	√	√	√	√
Emergency X-Ray Stop	√	√	√	√
One Pulse Shot	√	√	√	√
Change Pulses in SW	X	√	√	√
Set Delay Time in SW	X	X	√	√
Check X-Ray Battery Level	X	X	√	√
Control Dual Energy Box	X	X	√	√
Wireless Range (meters)	100	100	300	800
Size (in)	1.5"x2"x2"	4"x3"x6"	2"x2.5"x7.7"	2"x2.5"x7.7"
Weight (gms)	40	150	130	150
IP Rating	IP 65	IP65	IP 67	IP 68

DETECTOR SPECIFICATIONS

Item	Unit	Specs
Sensor Type	-	TFT Array
X-Ray convertor (Scintillator)	-	Gadox (Gd$_2$O$_2$S) & Csl Options Available
Dimension (Wx LxT)	mm	400x465x17
Weight	Kg	(2.9~5) Depending on your application, lead shielding is done
Pixel Pitch	lum	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
Margin of Edge	mm	Bottom: <6, Left: <12 (Optional 3mm & 8mm available)
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 # 1	B360,Intel Core i5-10210U Processor,With Webcam, Microsoft Windows 10 Pro x64 with 8GB RAM,256GB PCIe SSD,Sunlight Readable Full HD LCD 1400 nits + Touchscreen + Hard tip stylus, US KBD + US Power cord,Membrane Backlit KBD Wifi + BT,RS232 + VGA,Smart Card Reader, SD Card Reader, RJ45, HDMI, 1 Year Warranty
Tablet Option	A140 G2,Intel Core i5-10210U Processor 1.6 GHz,(No Webcam), Microsoft Windows 10 Pro x64 with 8GB RAM,256GB PCIe SSD, Sunlight Readable (LCD+ Touch Screen),US Power Cord,Wifi+BT, Micro SD, LAN, Smart Card reader, 1 Year Warranty
Laptop Option # 2	S410 G3 Basic,Intel Core i3-8145U Processor 2.1GHz,14",Microsoft Windows 10 Pro x64 with 4GB RAM,256GB SSD,STD LCD,US KBD+US Power cord,Membrane KBD,Wifi+BT,SD Card Reader, 1 Year Limited Warranty

X-RAY GENERATOR SPECIFICATIONS

Power:	DeWalt"' 12v Li-Ion Battery
Weight:	4.70 lb (2.13 kg) including battery
Output Dose:	Avg. 3.1 mR/ count, measured 12" from source
Pulse rate:	4 Counts per second
Counts per charge :	1700 Counts (5100 pulses)
Source size:	1 8" (3mm)
Mox Photon Energy:	150 kVp
Pulse Width:	50 Nanoseconds
Beam Angle,	40 Degree standard
Current Draw:	6.8 AMPS
Max DutyCycle:	100 Counts (300 pulses) per 4 minutes
Warranty:	1 Year limited part s, labor, service

Note: 20v Xrs150. Xrs2, Xrs3 Options Also Available