

PX ULTRA



**POLICE
& LAW
ENFORCEMENT**



AIRPORTS



**GOVERN-
MENTAL
PROTECTION**



**BORDER
CROSSINGS**



CUSTOMS



**CRITICAL
INFRA-
STRUCTURE**



The Videray PX ULTRA series are handheld X-ray imagers that can see through materials such as steel. Using an industry leading 160kv X-ray source to penetrate materials and create an image of what is hidden inside. The image is then displayed on the built-in screen so that the operator can see what is hidden without having to open or damage the object.

The PX ULTRA has several key advantages over other handheld X-ray imagers:

- HIGH PENETRATION POWER** | The PX Ultra can penetrate up to 25mm of steel, which is more than any other handheld X-ray imager. This means that it can be used to see through thicker walls and barriers, and to image objects that are hidden deeper inside other objects.
- SUPERIOR IMAGE QUALITY** | The PX ULTRA produces high-resolution images with excellent detail. This means that operators can easily see what is hidden and make accurate assessments.
- PORTABLE AND EASY TO USE** | The PX ULTRA is lightweight and compact, and it has an intuitive user interface. This makes it easy to use in a variety of settings, including confined spaces and outdoor environments.

FEATURES



See through: More power equals better image performance. With 160 keV and our patented optics, seeing through more material with greater depth is now possible.



Reduce Uncertainty: We know the risks involved. That is why we have worked to bring the highest surface penetrating handheld system to the market -keeping our security forces safe and one step ahead at all times.



Optimizing time: Portability and superior image quality can definitely expedite the inspection process by allowing for quick scans and dispositioning of potential threats without compromising safety and security.



Accomplish the mission: Our focus is to develop innovative technologies that empowers those who proudly serve to keep society safe from threats and uncertainties.



For more information
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TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATION

X-ray Source: 160 keV X-ray

SCANNER DIMENSIONS & WEIGHT

Length: 21.1 cm

Width: 28.2 cm

Height: 18.5 cm

Weight: 5.25 kg

OPERATING TIME

Scanner Battery: 6 hours

Battery Charging Time: 4 hours

Direct A/C Power Capable

OPERATING SYSTEM

System Software: Android 9 with latest security patches

Multi-Language User Interface capable

TRANSPORT CASE DIMENSION

Length: 42.9 cm

Width: 32.7 cm

Height: 23.6 cm

Total System Shipping Weight: 9.95 kg

ENVIRONMENT

Operating Temperature: -20 °C to 60 °C

Storage Temperature: -40 °C to 70 °C

Operating Conditions: Rain, snow, high winds, and altitudes up to 4,500 m nominally

SYSTEM COMPLIANCE

Fully CE compliant

RADIATION SAFETY

- Complies fully with all applicable U.S. federal health and safety regulations
- Meets ANSI, ICRP, NCRP and Euratom radiation safety standards for annual allowable dose for the general public
- To help prevent inadvertent X-ray emission the system is equipped with a series of interlocks and visual indicators
- Contains no live radiation source

IMAGE PERFORMANCE

Steel Penetration: ≤ 10 mm

SCANNING SPEED

Up to 30 cm per second, 15 cm per second (Nominal Scan Speed for a 1:1 Scan Image to Scan Target Object Ratio)

SYSTEM COMPONENTS

PX Ultra scanner

Rugged transport case

Two (2) rechargeable batteries

Battery charger

Data transfer cable

Shoulder strap

Two (2) wrist straps

Quick Start Guide

SYSTEM ADVANTAGES

- Lead detection and imaging capability
- Depth in Detection capability via Videray Infinity Detector and Optics
- Most compact scanner dimensions where it matters
- Remote connectivity to any device (PC, MAC, iOS and Android)
- Large 7" Diagonal 700-nit bright color touch screen display with all image Analysis capabilities (Pinch Zoom in/ out, notes, image stitching, colorization filter, reports, etc)
- Simple Over-The-Air (OTA) Updates
- Line Lasers to better outline the scan area

