

Our ecoSCAN™ range delivers class-leading imaging performance and compactness in a rugged portable X-ray imaging system using lens-coupled CCD technology. ecoSCAN™ combines high quality, price-competitive DR imaging and compatibility with Golden Engineering's X-ray sources using X-Vision™ image processing from a Windows™ laptop or tablet.



FEATURES

- Class-leading spatial resolution and contrast sensitivity
- Near-edge imaging
- Direct radiography, real-time images
- Ruggedised detector panel
- X-Vision™ software
- Cable and wireless options
- Ruggedised portable carry case options
- Compatible with pulsed X-ray sources
- Wide range of applications

APPLICATIONS

- Security Inspections
- Wall Inspections
- C-IED
- Customs & Border Control
- Archaeological Site Inspection
- Search Operations
- Suspicious Baggage Checks
- Explosives & Weapon Detection
- First Responder Inspection
- Art & Construction Inspection

THE COMPLEX ecoSCAN™ SYSTEM COMPRISES

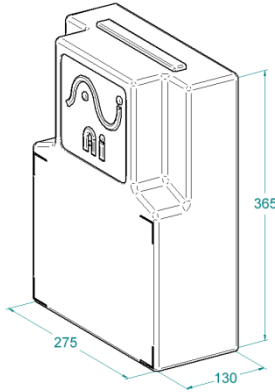
Your choice of portable X-ray generator and your selected ecoSCAN™ module:

- ✓ Rugged detector panel (range of sizes available)
- ✓ Computer with X-Vision™ software (range available)
- ✓ Rugged portable carry case (range available)
- ✓ Operation and maintenance manual
- ✓ Selected options and accessories



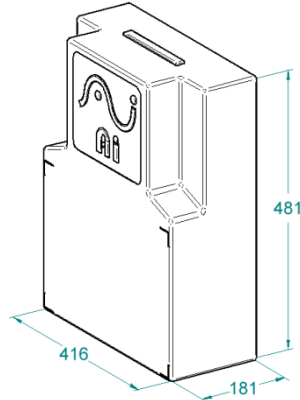
ecoSCAN™ Physical Specifications

ecoSCAN™ 2620



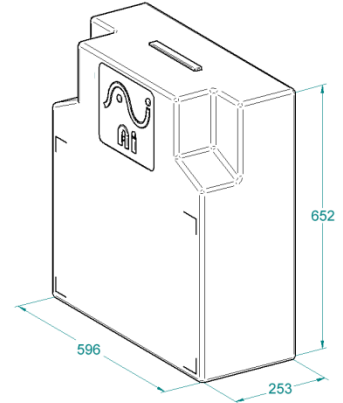
Weight 4.9kgs (incl battery)

ecoSCAN™ 4030



Weight 7.2kgs (incl battery)

ecoSCAN™ 5844



Weight 13.5kgs (incl battery)

ecoSCAN™ Performance Summary

Imaging Category	Direct radiography
Detector Type	Fluoroscope
Image Scan Time	Virtually instantaneous
Power Supply	100 - 250 VAC, removable rechargeable NIMH cells
Battery Life (continuous use)	> 4 hours from full charge
Communications	GigE, 802.11n
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to +60°C
Construction	Carbon fibre and aluminium
Near - Edge Imaging	8mm (bottom edge and both sides)
A/D Conversion / Dynamic Range	14 Bit
Image Processing Software	X-Vision™
Image Capture Resolution	1.3MP with 5.30 µm² Pixel Size

Key Options

Extra shielding for very high energy X-rays	√
Encrypted wireless communications	√
Digital wireless system – connects laptop to ICU/imager	√ (802.11n)
Ruggedised laptop / MIL – grade laptop / tablet	√
Dual energy module for materials discrimination	√
Automatic defect recognition (ADR)	√

