



Enhanced Cell Search System

Images in **seconds**
to find contraband quickly!



wireless

Cuattro Search™ Features:

Intuitive Software

- Quick Training and Onboarding
- Co-Pilot

Fast Image Transfer and Display (≈3 seconds)

- Long Range wireless technologies
- Control Generator and Detector seamlessly
- Fast Image transfer and display

Latest Detector Technologies

- Flexible Non-Glass Substrate for substantial increase in durability and ruggedness
- Lightweight (10x12: 1.7kg w/ internal batteries)
- Water, Dust and Drop Resistant
- Onboard image storage (200 images) in detector memory
- Thin bezel edges (2.7mm on two sides)

Best Image Quality

- HD Image with 99micron pixels giving 5 lpm resolution
- Very low dose capable
- High sensitive mode to view very dense objects
- Target-specific multi-frequency image tuning algorithms

Cuattro understands the critical importance of maintaining security and safety within correctional facilities. To assist officers in their duties, we have developed Cuattro Search, an innovative Cell Search System designed to streamline the process of conducting thorough cell inspections for contraband, such as weapons, substances, and banned electronics. Our system leverages portable X-ray technology to ensure that every search is efficient, effective, and reduces the risk of human error.

Cuattro Search integrates advanced scanning and detection tools with real-time data analysis, providing officers with immediate feedback and actionable insights. Our solution includes handheld and stationary devices that produce **digital X-ray imaging in 3 seconds** to identify hidden contraband quickly. Additionally, the system is equipped with a robust database that tracks and logs search results, ensuring that every inspection is documented and any patterns of contraband smuggling are identified and addressed promptly.

With Cuattro Search, correctional facilities can enhance their security protocols, improve safety for both staff and inmates, and maintain a contraband-free environment more effectively than ever before.

Scan code
with smart
phone for
demo video



800.709.4514
www.cuattro.com



Cuattro Search™ Software Features:

Generator Integration

- Settings based automated detector exposure window time
- 12 volt and 20 volt versions
- Wireless and wired control from Software
- Pulse, Trains, Delays, Exposure Control
- System Feedback from 7-pin generators
- Battery, current settings, error codes etc

Quick Set and Shoot workflow

- Super simple and fast setup
- Single-Button Acquisition
- Programmable User Interrogation presets
- Select a Device type - software automates the process
- Generator settings, detector exposure window time and gain, filter type, etc

OnePulse Mode

- Single pulse survey image
- High sensitivity mode in single pulse mode
- Low dosage reduces impact of accidental triggers

Complete set of Image tools

- Advanced Multi-Frequency Image Processing tools
- User configurable 5 preset algorithms
- Device determined filter variations in the hundreds
- Measurements, Annotations, ROI window level tools
- Use Multiple Detectors in one organization

10x12"/14x17" Wireless Detector Specs:

- Detector TFT Type Flexible, Non-Glass Substrate
- Scintillator GadOx
- Pixel Pitch 99 micron
- Pixel Matrix
 - 10 x 12" 2524 x 3036 pixels
 - 14 x 17" 3534 x 4302 pixels
- Image Size
 - 10 x 12" 25.4cm x 30.5cm
 - 14 x 17" 35.3cm x 43.0cm
- Grayscale 16 bits
- Image Acquisition Time Wired: 3 secs, Wireless: 5-6 secs
- Offline Image Storage 200 Images
- Dimensions 400mm x 470mm x 17mm
- Weight (with batteries installed)
 - 10 x 12" 1.7kg
 - 14 x 17" 2.7kg
- Water/Dust Intrusion Rating IP 67
- Batteries
 - 10 x 12" ≈6h (1 battery slot)
 - 14 x 17" ≈12h (2 battery slots)
- AED (Auto Exposure Control) Zero EMI Optical trigger
- Dead Space Margins 2.7mm on two sides (Bezel thickness)
- Other Features Accelerometer, Auto-orientation

Also available in the ultra-portable Cuattro Micro™ configuration. Contact Cuattro for details.



NEW

Includes a 4"x6" detector (not shown).



 **cuattro Micro**

A Smarter direction in Digital Radiography... Better. Much better.

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