



Vidisco FlashX

FlashX

Description

The Vidisco FlashX is a Commercial Off The Shelf (COTS) item which is fielded to Special Purpose CBRN Consequence Management Units to meet part of their CBRNE Mission. The FlashX is a Non-Destructive pulsed x-ray imager based on amorphous silicon technology. The FlashX is compatible with current x-ray generators, and is a dual energy can recognize organic and inorganic substances when analyzing unknown items. FlashX has a fully digital 16 bit dynamic range, high level of penetration and excellent resolution. The FlashX displays images in nearly real time, allowing quick in the field determinations of composition.



Mission

CBRNE CM Units have mission requirements for an increased resolution, real-time, dual-energy x-ray imager for downrange use. Items must be able to be wipe decontaminated, and be durable for downrange use.

Capabilities

- Fully COTS Item. FlashX is currently in production and available for procurement.
- The Vidisco FlashX is a portable Digital Radiography (DR) inspection system which offers a large area digital panel that is lightweight, battery operated, portable and robust. With 16 bit dynamic range (65,536 Grey levels), resolution of 3.5 lp/mm and intuitive software.
- Wireless and wired operation, range up to 800ft (Line of sight)
- Flash X can perform organic detection using the portable pulsed X-ray sources and the unique XR-DE dual energy Module

Users

US Army

Status

Sustainment

This Fact Sheet was cleared for public release on 3/30/2012.

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