DIRECT RADIOGRAPHY SYSTEMS

peo DETECTION

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Partner 3DX-RAY

3DX-RAY is a leading provider of advanced X-ray imaging and detection technologies, specializing in Direct Radiography systems and Walk-Through Metal Detectors (WTMD) for security and inspection applications. Their solutions are designed to deliver clear, accurate threat detection across a wide range of operational environments.

Product offering

ThreatScan®-AS2

ThreatScan®-LS3

ThreatScan®-LS1

ThreatScan®-LSC

ThreatScan®-AS1(ISC)

ThreatScan®-AS2

The 3DX-RAY ThreatScan®-AS2 is a lightweight portable amorphous silicon x-ray scanning system. It offers high flexibility in deployment to meet the wide variety of user applications and threat scenarios.

Quick and simple to deploy and use, the system produces extremely high quality, sub-millimeter resolution images in real time for rapid and accurate decision making.

The ThreatScan® range is suitable for use in suspect bag and package inspection in locations such as mass transit rail and bus stations, shopping malls, airports, stadia and sports arenas. The system is also used for general security inspection by first responders such as Police, Military and Government Security agencies and Technical surveillance counter measures.

ThreatScan®-LS3

PRODUCT DESCRIPTION

A small but mighty x-ray scanning device, ThreatScan®-LS3, can pierce steel up to 40 mm at 120 kV and up to 60 mm at 150 kV. It is possible to scan standard bags and packages in a single scan thanks to the 305 × 256 mm imaging area. The entire setup tucks neatly into a backpack.

ThreatScan® systems, which are built for quick deployment and simplicity of use, work with the user-friendly and intuitive ThreatSpect software to generate high-quality, sub-millimeter-resolution images.

The ThreatScan®-LS3 is made to enable the operator to obtain precise, excellent photos in a timely and effective manner.

FEATURES

- Compact, resilient detector panel
- High penetration with sub-millimeter resolution (120 kV or 150 kV generator)
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)


I-Gen

ThreatScan®-LS1

PRODUCT DESCRIPTION

Even though 3DX-RAY's ThreatScan®-LS1 is battery-operated, extremely small, portable, and light, it is a potent large-format x-ray scanning system. The ThreatScan®-LS1's huge 600mm x 460mm image area makes it possible to scan common bags and parcels in a single scan. With 120 kV and 150 kV, respectively, this robust device can pierce up to 40 mm of steel and 60 mm of steel, yielding excellent sub-millimeter resolution images.

At places like airports, retail centers, stadiums, sports arenas, and mass transit rail and bus terminals, ThreatScan®-LS1 is employed for suspicious bag and package inspection. First responders, including the police, military, and commercial and public security agencies, also use the system for general security checks.

FEATURES

- 120kV or 150kV generator
- High penetration with sub-millimeter resolution
- Large area, resilient detector panel
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)


ThreatScan


ThreatScan


ThreatScan

ThreatScan®-LSC

PRODUCT DESCRIPTION

Two (2) panels are included in the portable x-ray inspection system 3DX-RAY Threat Scan®-LSC: the large format LS1 panel and the small LS3 panel.

Despite having a huge image area of 600 x 460 mm, the LS1 panel is astonishingly small and light, allowing it to scan standard bags and parcels in a single scan.

With its 305 x 256 mm imaging surface, the LS3 panel is more portable and can be used, for instance, beneath vans or in locations with restricted access to suspicious shipments.

With its strong combination system, steel may be penetrated up to 40 mm at 120 kV and up to 60 mm at 150 kV. It also generates sub-millimeter-resolution photographs of excellent quality.

A small cable set and a backpack are included with the ThreatScan®-LSC system as standard equipment.

In places like stadiums, sports arenas, shopping centers, airports, and mass transit rail and bus terminals, the ThreatScan® range can be used for suspicious bag and package scanning. First responders, including the police, military, and commercial and public security agencies, also use the system for general security checks.

FEATURES

- Two detector panels are standard.
- Backpack and cable set included
- High penetration with sub-millimeter resolution (120 kV or 150 kV generator)
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)


I-Gen


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ThreatScan®-AS1(ISC)

Product Description

A reliable portable x-ray inspection device made of amorphous silicon is the 3DX-RAY ThreatScan®-AS1 (ISC). Included in the package are a 43 x 35 cm imaging area detector panel, a new high-penetration 150 kV generator, a laptop with 3DX-RAY ThreatSpect software, a wireless connection, batteries, chargers, and a transport case. The AS1 (ISC) is easy to operate and provides real-time, sub-millimeter resolution photographs of exceptionally high quality.

The main display, computer, communications, and power sources are all combined into one tough, waterproof housing, making the system fully integrated. When it comes to meeting the diverse range of user applications and threat scenarios, a secondary display tablet provides a high degree of deployment flexibility.

ThreatScan®-AS1 (ISC) utilizes a combination of technologies that provide outstanding X-ray imaging capabilities, powerful image processing software, and 3DX-RAY's famous enhanced material discrimination.

In addition to serving the needs of the EOD community, the ThreatScan®-AS1 (ISC) is perfect for inspecting suspicious luggage and parcels at airports, shopping centers, stadiums, and sports arenas. First responders, including the police, military, and commercial and public security agencies, can utilize the system's maximal imaging potential in an integrated, easily deployable system.

Features

- Amorphous silicon panel
- Fully integrated system
- 150kV generator
- Real-time images
- High penetration with sub-millimeter resolution
- Designed for rapid deployment and ease of use
- Intuitive, user-friendly ThreatSpect software


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3DX-RAY


i-Gen

Partner Logos Imaging

Logos Imaging is a U.S.-based manufacturer specializing in portable digital radiography (DR) systems tailored for security applications. Their solutions are designed to provide rapid, high-resolution imaging in field environments, supporting critical operations such as threat detection and inspection.

Product offering

SOSTÓS II Flat Panel System 10″x10″

STENÓS Flat Panel System 14”x17”

XIRÓS II Flat Panel System 12”x12”

SOSTÓS II Flat Panel System 10″x10″

Logos Imaging’s SOSTÓS II system, with the glass-free SOSTÓS II flat imager, is our newest ultra-portable DR imaging system. The SOSTÓS II panel, with near ground-level imaging and 16-bit image clarity, makes it ideally suited for operations where space is limited. At just 2.8 lb and 0.6” thin, this is the smallest and lightest imager offered by Logos Imaging. The versatile SOSTÓS II fits into a custom backpack for easy deployment by a single operator.

Technology	Amorphous Silicon with TFT
Pixel Area	10.1″ x 10.1″ (258 x 258 mm)
Pixel Resolution	1536 x 1536 pixels
Pixel Size	168 µm
Scintillator	Gadox
AD Conversion	16 bits
Dimensions (Panel Only)	11.14″ x 11.14″ x 0.6″ (283 x 283 x 15 mm)
Weight	Without battery – 2.4 lb (1.1 kg) With battery – 2.8 lb (1.3 kg)
Communications Range	Wireless 150 m with standard antenna Wired 25 m with standard cable reel Additional network options available

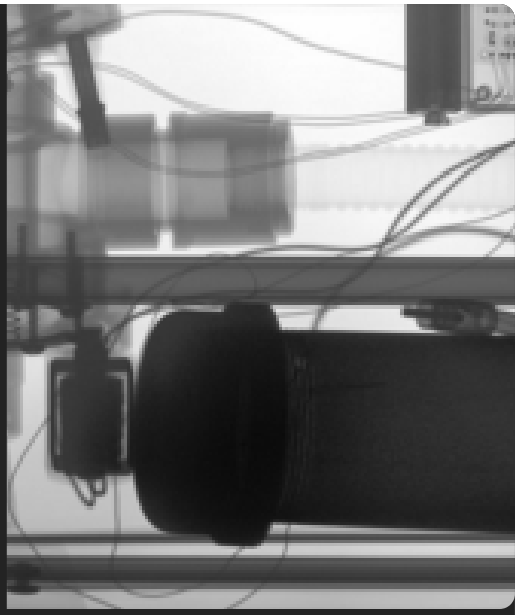
STENÓS Flat Panel System 14”x17”

The STENOS Flat Panel System is our lightest, and most rugged large format DR imaging system. We were the first to introduce a glass-free DR imager to the security market with the 6”x8” PRÓTOS, we followed with the 12”x12” XIRÓS, and now the 14”x17” STENÓS with the 3543N panel further continues Logos Imaging’s commitment to the leading edge of DR imaging design. The panel also offers the advantages of built in wireless communications and a removable battery that provides six hours of operation for situations where ultra-portability and 400 m wireless communications are desirable.

STENÓS Flat Panel System

- detector type: amorphous silicon with TFT
- detector area: 350 x 427 mm
- pixel resolution: 2,560 x 3,072 pixels
- pixel pitch: 140 µm
- scintillator: Gadox
- pixel depth: 16 bits
- dimensions (panel only): (402.5 x 460.0 x 15 mm)
- weight:
  - without battery 3.5 kg
  - with battery 3.9 kg
- communications range:
  - wired: 15 m to 200 m
  - wireless: 400 m or up to 1,600 m with long-range wireless option
    (using 2.4 GHZ)

If you want to read more about STENÓS, take a look at our partner’s website.



XIRÓS II Flat Panel System 12”x12”

Logos Imaging’s XIRÓS is our newest and most rugged small format DR imaging system. The XIRÓS 2929N panel’s glass-free design allows for the smallest borders on the market at just 3 mm. The IP67 rated enclosure assures the XIRÓS durability. Ideally suited for dismounted EOD operations, the XIRÓS full wireless system in a backpack configuration weighs under 9 kg. The versatile XIRÓS with internal wireless communication is essential for users that want to quickly assess an item.

XIRÓS II Flat Panel System features

- detector type: Amorphous silicon with TFT
- detector area: 287 x 287 mm
- pixel resolution: 2,048 x 2,048 pixels
- pixel pitch: 140 µm
- scintillator: Gadox
- pixel depth: 16 bits
- dimensions (panel only): 320 x 320 x 15 mm, 1,9 kg
- communications range: wired: 25 m to 200 m
  wireless: 400 m or up to 1,600 m with long-range wireless option (using 2.4 GHZ)