BEVEILIGINGSDETECTIE

peo DETECTION

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EXPLOSIEVE SPORENDETECTOREN

Partner **Vehant Technologies**

Vehant Technologies is een toonaangevende leverancier van geavanceerde oplossingen voor fysieke beveiliging en bewaking, gespecialiseerd in explosievendetectiesystemen (ETD's), Under Vehicle Scanning Systems (UVSS) en röntgeninspectietechnologieën. Hun systemen zijn ontworpen ter ondersteuning van de bescherming van kritieke infrastructuur, transportbeveiliging en monitoring van risicovolle faciliteiten.

Product offering

NanoSniffer™ – Explosives Trace Detector

Beveiligingsdetectie › Explosieve sporendetectoren
NanoSniffer™ – Explosives Trace Detector

NanoSniffer is a Microsensor based highly sensitive and selective explosive detector in a portable desktop configuration. It can be used to accurately detect a wide range of military, commercial and homemade explosives threats.

It is an advanced and low-cost explosive detector device that efficiently exploits the physical nature of the explosives during detection. It can be easily used for screening passengers & visitors at airports, train stations, and at access control points of critical infrastructure. It is a first of its kind explosives trace detection system based on nanotechnology.

Nanosniffer Explosive Trace Detectors (ETDs) can detect bombs, drugs, narcotics, and dangerous explosive chemicals such as Nitroglycerin, Ammonium Nitrate, and RDX quickly. Vehant's ETDs can differentiate between military, standard, and homemade explosives and categorize them based on their characteristics using various sampling methods. This system aims to identify and prevent individuals who have come into contact with harmful or potentially illegal substances from accessing restricted areas.

Partner **CEIA**

CEIA is een wereldleider op het gebied van beveiligingsscreeningtechnologieën en is gespecialiseerd in explosievensporendetectoren (ETD's), draagbare metaaldetectoren en walk-through metaaldetectoren (WTMD's). Hun oplossingen zijn ontworpen om hoogwaardige bedreigingsdetectie te leveren in een breed scala aan beveiligingsomgevingen.

Product offering

EMA series Liquid Explosive Detector

Beveiligingsdetectie › **Explosieve sporendetectoren**
EMA series Liquid Explosive Detector

The EMA is a compact device designed for the analysis of liquid containers and their contents with the goal of detecting the possible presence of explosive precursors and explosive liquids.

The content of the bottles is analyzed without the need to open the container as the detection is effected using simultaneous multiple sensing technologies.

The housing of the analyser, which is extremely robust, durable and easy to clean, is made of AISI 304 Stainless Steel and anti-friction plastic.

The Analyser consists of a main body, a control panel and an analysis compartment. In case of open containers such as cups and thermos flasks, it is possible to carry out the analysis by means of the type A integrated analyser (optional), using small disposable plastic sample cups to be inserted into an external probe.

ONDER VOERTUIGSCANNER

peo DETECTION

Partner **Vehant Technologies**

Vehant Technologies is een toonaangevende leverancier van geavanceerde oplossingen voor fysieke beveiliging en bewaking, gespecialiseerd in explosievendetectiesystemen (ETD's), Under Vehicle Scanning Systems (UVSS) en röntgeninspectietechnologieën. Hun systemen zijn ontworpen ter ondersteuning van de bescherming van kritieke infrastructuur, transportbeveiliging en monitoring van risicovolle faciliteiten.

Product offering

NuvoScan H	NuvoScan E	Nuvo Scan®3D	DepScan Stereoscopic UVSS (Under Vehicle Scanning)

Beveiligingsdetectie › Onder voertuigscanner
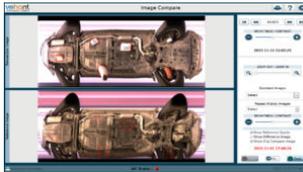
NuvoScan H

NuvoScan (H) is the advanced automated COLOR Under Vehicle Scanning System (UVSS). NuvoScan is based on the latest and highly advanced area scan imaging technology. It uses the combination of high-end electro-mechanical assemblies, cameras, illuminators, and sensors besides NuvoScan's area-by-area image composing software. The visual information captured is synthesized by the system and subsequently produces a high-quality composite underside image of the vehicle to facilitate efficient viewing and detection of any potentially harmful object that may be attached to the underbelly of the vehicle. NuvoScan (H) gives a seamless composite image without distortion, even if vehicle halts completely on top of the UVSS.
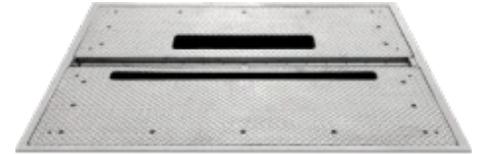
Product Features
- High-resolution composite COLOR image
- Air cleaner mechanism for all-weather operation
- Vehicle entry database & reporting features
- Security password protection
- Easy to install
- CE, ISO certified system
- LED array for better illumination
- All weather-proof IP-67 certified underground enclosures

Beveiligingsdetectie › Onder voertuigscanner

NuvoScan E

NuvoScan® generates a high-resolution SingleView image using advanced electromechanical components, cameras, illuminators, and sensors. Additionally, NuvoScan™ Area incorporates AreaScan mosaicing software to effectively tackle speed and movement challenges faced by LineScan systems. This innovation guarantees the practicality and reliability of NuvoScan®. Remarkably, NuvoScan® produces a seamless composite image without any distortion, even when a vehicle stops completely on the UVSS platform.

Product Advantages

- High resolution composite COLOR image
- All weather proof IP-67/68 certified underground enclosures
- Air cleaner mechanism for all weather operation
- Vehicle entry database & reporting features
- Security password protection
- CE,ISO certified system

Beveiligingsdetectie › **Onder voertuigscanner**

Nuvo Scan®3D

NuvoScan® 3D is an advanced automated 3D viewing Under Vehicle Scanning System, based on the latest dual camera AreaScan imaging technology. It comes packed with some unique algorithms which enhance the user experience manifolds by exploring the 3D aspect of the vehicle's underbelly. In addition to the 3D visualization, one area where the new technology stands out is in bringing forth otherwise hidden or partially occluded objects by showing a dual view of the vehicle, which may not have been the case in the older generation SingleView systems.

Product Features

- Dual imaging feature from (3D) left and right view in order to identify any possible threat
- High resolution COLOR left and right composite images of the vehicle's underside
- Novel view generation feature to see real life 3D visualization of the underside
- Hard-to-view/occluded areas can be scanned easily through 3D UVSS system
- Stop and Go image formation doesn't affect the image quality
- Dual LED array for better illumination
- Zoom facility upto 25X of the composite image to facilitate a closer view of niche areas
- Able to compare both (left and right) views with the help of license plate/type database

Beveiligingsdetectie › Onder voertuigscanner

DepScan Stereoscopic UVSS (Under Vehicle Scanning)

Vehant's DepScan UVSS is de baanbrekende technologie van de volgende generatie voor het steeds groter wordende domein van beveiligingstechnologie met een beter efficiëntieniveau. Met behulp van geavanceerde stereoscopische visietechnologie voert DepScan dieptegebaseerde vergelijkingen uit met behulp van meerdere camera's, die naast elkaar worden geplaatst om meerdere verschillende weergaven van de onderbuik van elk voertuig te verkrijgen. Het systeem genereert een op puntenwolken gebaseerd 3D-model dat helpt om de relatieve diepte-informatie te verkrijgen in de vorm van een dispariteitskaart.
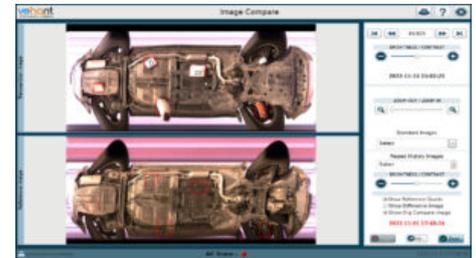
Opvallende kenmerken

- Geavanceerde stereovisietechnologie
- Genereert op puntenwolken gebaseerd 3D-model
- Geeft relatieve diepte-informatie
- Samengestelde kleurenafbeelding met hoge resolutie
- Verbetert de efficiëntie van operators
- Invoerdatabase en rapportagefuncties
- Beveiligde wachtwoordbeveiliging

Deze technologie lijkt sterk op het menselijke binoculaire zicht. Bij de traditionele UVSS omvatte de onderbuikscanning de inspectie van de 'x-y'-as, maar met deze nieuwe geavanceerde technologie wordt ook een 'z'-as in de derde dimensie verkregen die helpt bij het onderscheiden van de gebruikelijke onderkant met elk vreemd voorwerp door de diepte van het object te bestuderen. het object. DepScan is uitgerust met een geavanceerde en gebruiksvriendelijke GUI.
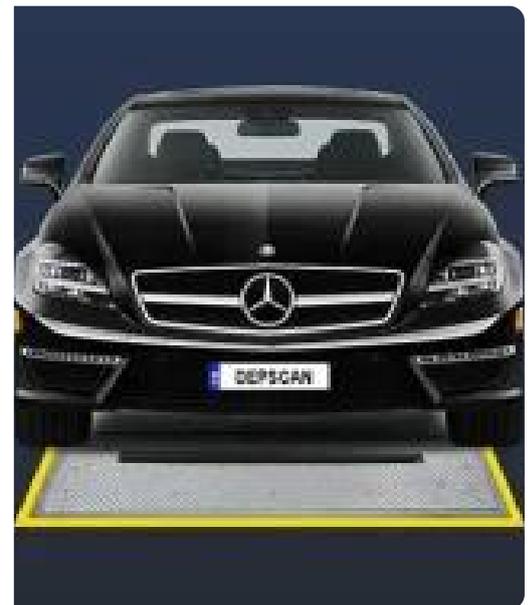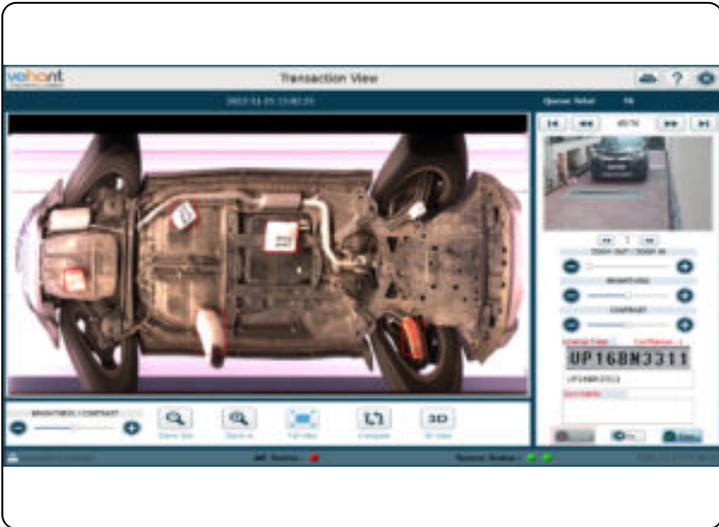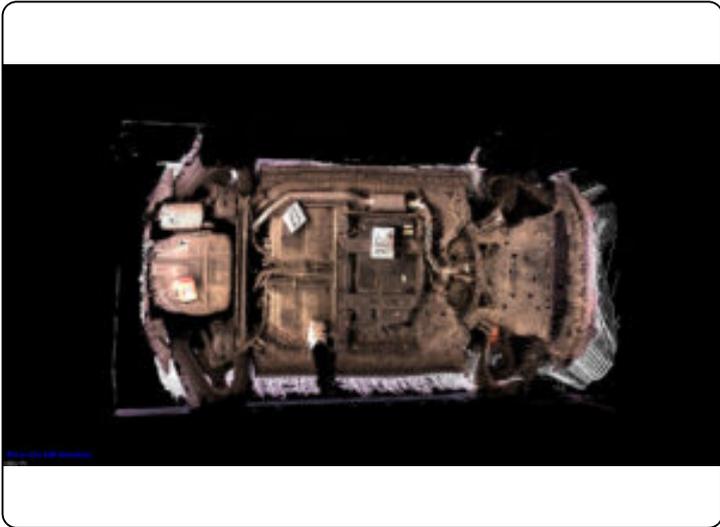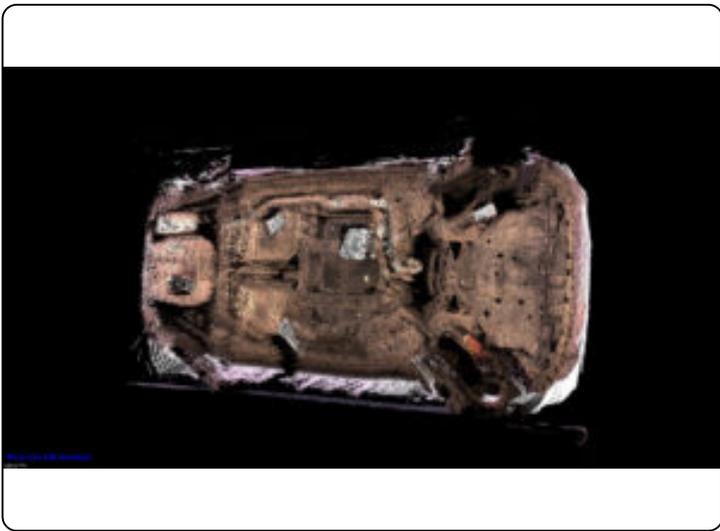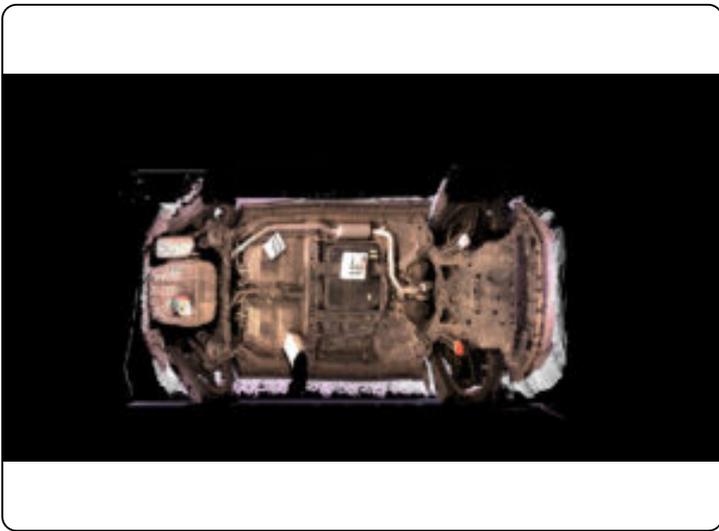
DIRECTE RADIOGRAFIESYSTEMEN

peo DETECTION

Partner **3DX-RAY**

3DX-RAY is een toonaangevende leverancier van geavanceerde röntgenbeeldvormings- en detectietechnologieën, gespecialiseerd in Direct Radiography systemen en Walk-Through Metal Detectors (WTMD) voor beveiligings- en inspectietoepassingen. Hun oplossingen zijn ontworpen om duidelijke, nauwkeurige detectie van bedreigingen te bieden in een breed scala van operationele omgevingen.

Product offering

ThreatScan®-AS2

ThreatScan®-LS3

ThreatScan®-LS1

ThreatScan®-LSC

ThreatScan®-AS1(ISC)

Beveiligingsdetectie › Directe radiografiesystemen

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.

Beveiligingsdetectie › Directe radiografiesystemen

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)

Beveiligingsdetectie › Directe radiografiesystemen

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)

Beveiligingsdetectie › Directe radiografiesystemen
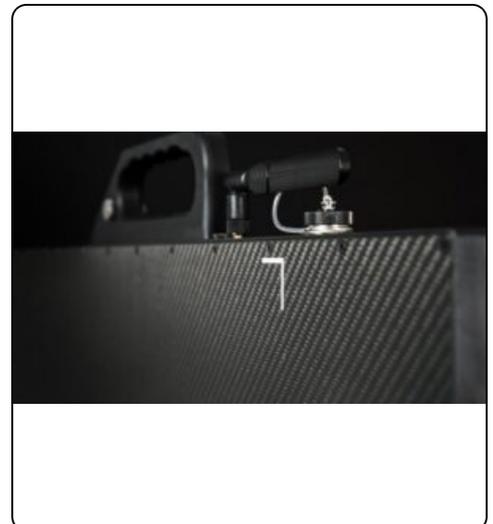
ThreatScan®-LSC

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)
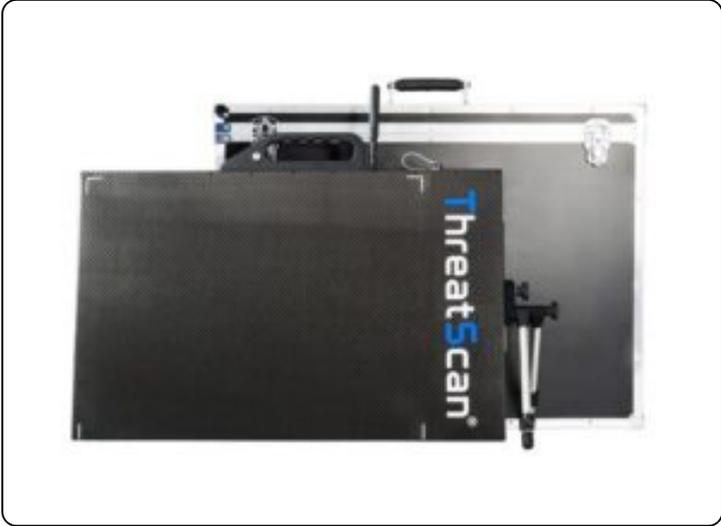
Beveiligingsdetectie › Directe radiografiesystemen
ThreatScan®-AS1(ISC)

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

Partner **Logos Imaging**

Logos Imaging is een Amerikaanse fabrikant die gespecialiseerd is in draagbare digitale radiografiesystemen (DR) die speciaal zijn ontwikkeld voor beveiligingstoepassingen. Hun oplossingen zijn ontworpen om snelle, hoge-resolutiebeelden te leveren in het veld en kritieke operaties te ondersteunen, zoals bedreigingsdetectie en inspectie.

Product offering

SOSTÓS II Flat Panel System 10″x10″	STENÓS Flat Panel System	XIRÓS II Flat Panel System

Beveiligingsdetectie › Directe radiografiesystemen
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

Beveiligingsdetectie › Directe radiografiesystemen
STENÓS Flat Panel System

Het STENOS Flat Panel-systeem is ons lichtste en meest robuuste grootformaat DR-beeldverwerkingssysteem. We waren de eerste die een glasvrije DR-imager op de beveiligingsmarkt introduceerden met de 6"x8" PRÓTOS, we volgden met de 12"x12" XIRÓS, en nu zet de 14"x17" STENÓS met het 3543N-paneel de lijn van Logos Imaging voort toewijding aan de leidende kant van DR-beeldvormingsontwerp. Het paneel biedt ook de voordelen van ingebouwde draadloze communicatie en een verwijderbare batterij die zes uur bedrijfstijd biedt voor situaties waarin ultradraagbaarheid en draadloze communicatie tot 400 m wenselijk zijn.

STENÓS Flat Panel-systeem
- detectortype: amorf silicium met TFT
- detectorgebied: 350 x 427 mm
- pixelresolutie: 2.560 x 3.072 pixels
- pixelafstand: 140 μm
- scintillator: Gadox
- pixeldiepte: 16 bits
- afmetingen (alleen paneel): (402,5 x 460,0 x 15 mm)
  gewicht:
  zonder batterij 3,5 kg
  met accu 3,9kg
- communicatie bereik:
  bedraad: 15 m tot 200 m
  draadloos: 400 m of tot 1.600 m met draadloze optie voor groot bereik
- (bij gebruik van 2,4 GHz)

Wil je meer lezen over STENÓS, kijk dan eens op de website van onze partner.
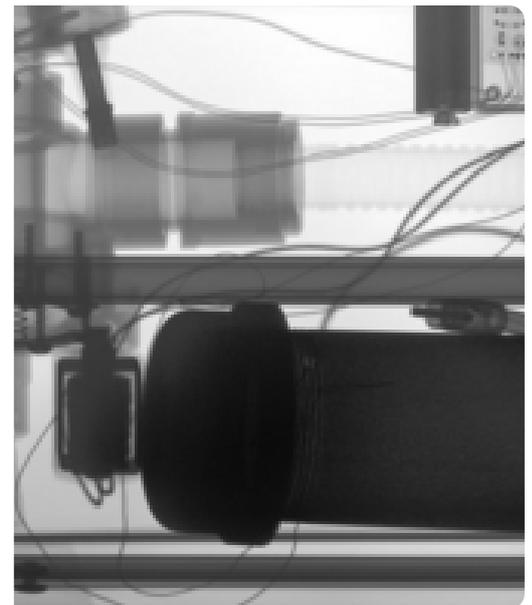
Beveiligingsdetectie › **Directe radiografiesystemen**
XIRÓS II Flat Panel System

XIRÓS van Logos Imaging is ons nieuwste en meest robuuste DR-beeldverwerkingssysteem in klein formaat. Het glasvrije ontwerp van het XIRÓS 2929N paneel maakt met slechts 3 mm de kleinste randen op de markt mogelijk. De behuizing met IP67-classificatie verzekert de duurzaamheid van de XIRÓS. Het XIRÓS volledig draadloze systeem in rugzakconfiguratie is bij uitstek geschikt voor gedemonteerde EOD-operaties en weegt minder dan 9 kg. De veelzijdige XIRÓS met interne draadloze communicatie is essentieel voor gebruikers die snel een item willen beoordelen.

Kenmerken van het XIRÓS II flatpanelsysteem

- detectortype: Amorf silicium met TFT
- detectorgebied: 287 x 287 mm
- pixelresolutie: 2.048 x 2.048 pixels
- pixelafstand: 140 µm
- scintillator: Gadox
- pixeldiepte: 16 bits
- afmetingen (alleen paneel): 320 x 320 x 15 mm, 1,9 kg
- communicatiebereik: bedraad: 25 m tot 200 m
- draadloos: 400 m of tot 1.600 m met draadloze optie voor groot bereik
- (bij gebruik van 2,4 GHz)

Partner **Ultra Electronics**

Lab Impex Systems (LIS) is sinds 17 juli 2014 onderdeel van Ultra Electronics. Zij staat bekend als gespecialiseerde fabrikant van stralingsdetectie-oplossingen en diensten voor gebruik in de wereldwijde nucleaire industrie.

LIS is al sinds 1976 marktleider op het gebied van ontwerpen, ontwikkelen en vervaardigen van meetinstrumentatie speciaal gericht op stack monitoring.

Product offering

PET Cyclotron Facility Stack Monitoring – Lab Impex Systems

Beveiligingsdetectie › Directe radiografiesystemen

PET Cyclotron Facility Stack Monitoring – Lab Impex Systems

De PET Cyclotron Facility Stack Monitoring (Lab Impex Systems) biedt continue monitoring van afvalwaterlozingen uit cyclotronfaciliteiten (en andere gebruikers van positrongas). Het beproefde systeem meet de activiteitsconcentratie van het effluent dat wordt geloosd en meet continu de stroom van de bewaakte schoorsteen. Hierdoor kan de totale hoeveelheid radioactief afvalwater dat in de atmosfeer wordt geloosd, worden berekend.
Een softwarepakket (9205 PET) biedt een uitgebreid overzicht van alle ruwe gegevens die kunnen worden geanalyseerd en vergemakkelijkt de productie van standaard dag-, week-, maand- en jaarrapporten voor de toezichthouder.

De belangrijkste onderdelen van de LIS Positron Gas Stack Monitor zijn:

- een continu monitoringstation (CMS PET) dat continu een realtime indicatie geeft van de activiteitsconcentratie in de stapel en lokale hoorbare en visuele alarmen geeft.
- een radioactieve gasdetector (PG-10) die nauwkeurige meting van de activiteitsconcentratie van positrongas mogelijk maakt.
- Meetapparaat voor schoorsteenstroom dat gebruik maakt van een gemiddelde Pitot- en verschildrukmonitor (DP2001) om de continue en geaccumuleerde stroom door de stapel van de faciliteit te meten.

PET Cyclotron Facility Stack Monitoring-functies:

- Het CMS-PET-systeem is ontworpen om snel te reageren op de concentratie van positrongas en geeft een weergave van de concentratie (Bq/m3 of PCi/ml) en de volumetrische stapelstroom (m3/sec of CFM).
- De CMS PET Stack-monitor kan op een netwerk worden aangesloten op de computer van een faciliteitscontrolecentrum voor bewaking op afstand, alarmmelding, verzameling van historische gegevens en rapportagefunctie. Zie de 9205PET voor meer informatie over dit pakket.

Lees meer over de PET Cyclotron Facility Stack Monitoring op de website van Lab Impex Systems.

MOBIEL DETECTIESYSTEEM

peo DETECTION

Partner **BSI**

Baltic Scientific Instruments (BSI) is an OEM manufacturer based in Riga, Latvia, dedicated to the development and production of advanced spectrometric and detection equipment. With decades of experience and roots in the former Research Institute for Radioisotope Apparatus (RNIIRP), BSI provides cutting-edge technologies for nuclear power, environmental monitoring, security, medicine, and scientific research.

The company specializes in HPGe, Si, CdZnTe/CdTe, and scintillation detector systems, known for their accuracy, stability, and performance in demanding analytical environments.

Through continuous innovation, strict quality assurance (ISO 9001:2015), and strong international collaboration, BSI supports customers worldwide in achieving precise and reliable radiation measurement and analysis.

Product offering

Mobile Radiation Monitor GammaCART

Stralingsdetectie › Milieumonitoring

Mobile Radiation Monitor GammaCART

Application

Mobile spectrometric system Mobile Radiation Monitor is designed to measure gamma radiation energy distribution, identify gamma emitting radionuclides, as well as calculate specific and surface activity of gamma emitting radionuclides under conditions of their natural occurrence and at nuclear industry premises. In addition, the system can be used for radiation monitoring, e.g., for examination of large areas, searching lost or stolen gamma radiation sources, study of radionuclide precipitation near radiation hazardous sites without preliminary sampling.

COMPLETE SET

- Electric vehicle as a mobile platform
- Gamma radiation spectrometer containing:
  - Gamma radiation detector(s);
  - Multichannel channel analyzer Polynom;
- Thermostabilization system (for NaI(Tl) or LaBr3(Ce) detectors) containing:
  - Thermostabilizing housing with a built-in heat exchanger
  - Cooling and heating system box;
  - Hoses for circulation of the cooling liquid;
- Navigation system including a external antenna;
- Shockproof toughbook operable in harsh conditions;
- Router with antenna which provides connection between the analyzer, navigation system and toughbook;
- Fixation and positioning system for the detection units;
- Charger for the electric vehicle.

Partner **Astrophysics Inc.**

Astrophysics Inc. levert state-of-the-art röntgeninspectiesystemen die een cruciale rol spelen in de beveiliging van zorgomgevingen. Hun technologie wordt gebruikt in ziekenhuizen en medische instellingen om binnenkomende goederen, apparatuur en afval te screenen op verborgen bedreigingen, wat de algehele veiligheid en naleving van regelgeving verbetert.

Product offering

XIS-MINIVAN – Astrophysics	XIS-TRAILER – Astrophysics	XIS-TRUCK – Astrophysics

Beveiligingsdetectie › Mobiel detectiesysteem
XIS-MINIVAN – Astrophysics

De XIS-Minivan is het nieuwste model in de XIS-serie mobiele screeningproductlijn met een tunnelgrootte van 100 cm x 100 cm. Met een nog kleiner voertuigprofiel dan de XIS-Van is de XIS-Minivan de mobiele screeningoplossing die geschikt is voor gebieden waar de ruimte beperkt is, maar de behoefte aan beveiliging absoluut is.

Het mobiele screeningvoertuig XIS-Minivan beschikt over ongeëvenaarde normen, waaronder een krachtige 180 kV-generator, airconditioning en buitenverlichting. De XIS-Minivan vereist minimale insteltijd en beschikt over een compacter voertuig met een grote tunnel voor het screenen van diverse objecten op elke locatie.

Algemene specificaties XIS-MINIVAN
- **Tunnelgrootte (B x H):** 100 cm x 100 cm
- **Afmetingen (L x B x H):** 604 cm x 202,4 cm x 277 cm
- **Röntgengenerator:** 180 kV, werkend op 165 kV

Beveiligingsdetectie › Mobiel detectiesysteem
XIS-TRAILER – Astrophysics

De XIS Trailer heeft een tunnelmaat van 100 cm x 100 cm en is de ideale oplossing voor flexibele screening. Het heeft duurzame aluminium wanden en dakbedekking op een op maat gemaakte stalen frameconstructie. De XIS Trailer is geschikt voor zowel binnen- als buitentoepassingen.

Veelzeggend is dat dit mobiele screeningsvoertuig qua standaarduitrusting de eerste in zijn klasse is. De XIS Trailer is voorzien van een krachtige 180 kV generator, airconditioning, buitenverlichting en ononderbroken stroomvoorziening.

De XIS Trailer biedt een mobiele oplossing voor veiligheidslekken en beschikt over uitgebreide standaardfaciliteiten en een vergrote tunnel voor een meer diverse screening.

Algemene specificaties XIS TRAILER

Tunnelgrootte (B x H): 100 cm x 100 cm
Afmetingen (L x B x H): 623,8 cm x 228,6 cm x 352,2 cm
Röntgengenerator: 180 kV, werkend op 165 kV

Beveiligingsdetectie › Mobiel detectiesysteem

XIS-TRUCK – Astrophysics

Met een tunnelopening van 101,6 cm x 81,4 cm kan de XIS-Truck diverse pakketten, bagage en vracht screenen op explosieven en smokkelwaar. De XIS-Truck is ontworpen voor externe evenementen, grenscontroles en diverse mobiele screeningsbehoeften.

Het röntgensysteem is op maat ingebouwd in een Ford F-450 Super Duty Truck, compleet met airconditioning in de cabine, een 6,2 liter V8-motor en het Ford Personal Safety System.

De XIS-Truck beschikt over een krachtig voertuig, een geavanceerd XIS-systeem, een verlengde transportband, op maat gemaakte intrekbare luifels en een ingebouwde monitorstandaard voor snelle en gemakkelijke screening.

Alle röntgeninspectiesystemen van Astrophysics zijn uitgerust met Real-Time Diagnostics, een unieke Astrophysics-functie waarmee gebruikers de systeemstatus kunnen controleren. Deze software is speciaal ontworpen om u kostbare tijd en geld te besparen. Indien gewenst kan Astrophysics ook verbinding maken met uw systeem en eventuele problemen op afstand oplossen.

Een exclusieve astrofysica-optie is onze 6 Color Imaging, waarmee operators gescreende objecten in 6 kleuren kunnen bekijken, waarbij elke kleur correleert met een specifiek bereik van atomaire Z-nummers. Dankzij 6 Color Imaging kunnen operators een optimale materiaalidentificatie bereiken, wat de doorvoer verbetert.

Algemene specificaties XIS-TRUCK

Tunnelgrootte (B x H): 100 cm x 100 cm
Afmetingen (L x B x H): 724 cm x 243,8 cm x 342,3 cm
Röntgengenerator: 180 kV, werkend op 165 kV

HANDDETECTOREN

Partner **CEIA**

CEIA is een wereldleider op het gebied van beveiligingsscreeningtechnologieën en is gespecialiseerd in explosievensporendetectoren (ETD's), draagbare metaaldetectoren en walk-through metaaldetectoren (WTMD's). Hun oplossingen zijn ontworpen om hoogwaardige bedreigingsdetectie te leveren in een breed scala aan beveiligingsomgevingen.

Product offering

PD140N

PD140E

PD240

PD240CB

NEW

CEIA CMD® Compact Metal Detector

Beveiligingsdetectie › Handdetectoren
PD140N

CEIA's PD140N is a hand-held metal detector that combines high reliability and ergonomics with advanced detection and operator signalling features. Effective sensitivity to all metals, full compliance with the latest security standards and high immunity to external metal masses are among the main peculiarities of this new device.

Compact hand-held metal detection set

The PD140N features a special ergonomic design consisting of an offset hand grip which ensures that the operator's hand does not interfere with the sensitive detection area. This means fewer scans per person and therefore shorter inspection times per person.

Special care has gone into the mechanical design of the detector. Absence of sharp edges or corners allows the detector to be passed smoothly over the inspected area without getting caught in buttons, buckles, folds or other
parts of clothing.

Areas of application

- Public events
- Stadiums and sport arenas
- Conventions
- Multiple lane screening

Characteristics

- NIJ Standard – 0602.02 compliant
- Compact, elegant, robust and ergonomic
- Detection of magnetic and non-magnetic targets
- Full digital design: calibration-free operations
- Extended continuous operation time
- Advanced configuration capability
- Indoor and outdoor operations

Advantages

• Programmable Sensitivity
• Extended continuous operation Time
• Automatic low power mode during screening pauses
• Embedded long life rechargeable batteries
are renewable energy and eliminate the operation cost of alkaline batteries
• Embedded fast and reliable battery charger: no need of batteries removal
• Dedicated holder acts as minimum space table stand and mains connection for battery charge
• Operator functions can be standard or customized by the user through PC GUI and USB connection

PD140N: fully digital and maximum flexibility

The PD140N is fully digital. Electronic functions include an inspection field transmitter-receiver based on Digital Signal Processing (DSP) technology, a digital operator interface and external communications over the incorporated USB port. This design combined with a special printed antenna ensures top reliability and very high repeatability.

The digital design of the new metal detector also enables the maximum flexibility in selecting the functions available to the user and how detection alarms are signalled. Users can keep the factory settings or connect the detector over its USB to a PC and then personalize the settings with a dedicated graphic interface (HHMD configuration tool required)

Beveiligingsdetectie › **Handdetectoren**

PD140E

The PD140E features a special ergonomic design consisting of an offset hand grip which ensures that the operator's hand does not interfere with the sensitive detection area. This means fewer scans per person and therefore shorter inspection times per person. Special care has gone into the mechanical design of the detector. Absence of sharp edges or corners allows the detector to be passed smoothly over the inspected area without getting caught in buttons, buckles, folds or other parts of clothing.

The technical features of the detector comply with the NIJ standard 0602.02 and the new NIJ draft standard 0602.03. The PD140E has uniform sensitivity to magnetic and non-magnetic targets including those made of stainless steel. At the same time the detector offers excellent body-effect compensation and has high immunity to external disturbance from electromagnetic and mechanical sources.

The PD140E is fully digital. Electronic functions include an inspection field transmitter-receiver based on Digital Signal Processing (DSP) technology. This design, combined with a special printed antenna, ensures consistent performance, very high reliability and calibration-free operations

Beveiligingsdetectie › Handdetectoren
PD240

The PD240 features a wide detection area for faster and more accurate screening operations. The PD240 combines CEIA's signature high reliability with advanced detection and operator signalling features, including a high immunity to floor rebars for lower body screening without sensitivity reduction. The PD240 offers full compliance with the latest NIJ security standards, indoor and outdoor use, as well as up to 100 hours of continuous operation on a single charge of its long life rechargeable batteries and embedded fast and reliable battery charger.

Advantages & benefits
- Programmable Sensitivity
- Long Detection Range
- Extended Continuous Operation Time
- Automatic Low Power Mode during Screening Pauses
- Embedded Long Life Rechargeable Batteries are renewable energy and eliminate the Operation Cost of Alkaline Batteries
- Embedded Fast and Reliable Battery Charger: no need for removal of batteries
- Dedicated Docking Station acts as Table Stand and Mains connection for Battery Charge
- Operator Functions can be standard or customized by the user through PC GUI and USB connection

Beveiligingsdetectie › Handdetectoren
PD240CB

The PD240CB is a Hand Held Metal Detector that combines high reliability and ergonomics with advanced detection and operator signalling features. Long detection range for weapons and minimum metal targets, effective sensitivity to all alloys, exceeds the latest Security Standards and has high immunity to external metal masses.

Advantages & Benefits
- Programmable Sensitivity
- Long Detection Range
- Extended Continuous Operation Time
- Automatic Low Power Mode during Screening Pauses
- Embedded Long Life Rechargeable Batteries are renewable energy and eliminate the Operation Cost of Alkaline Batteries
- Embedded Fast and Reliable Battery Charger: no need for removal of batteries
- Dedicated Docking Station acts as Table Stand and Mains connection for Battery Charge
- Operator Functions can be standard or customized by the user through PC GUI and USB connection

Beveiligingsdetectie › Handdetectoren
CEIA CMD® Compact Metal Detector

The CEIA CMD® is a very high performance, high-sensitivity Compact Metal Detector designed to detect metal and minimum-metal content targets in all types of terrain. Pinpointing of the metal objects is aided by an evolved system of acoustic modulation and an LED bar indicator, which allow the position of the detected mass to be established with a high degree of precision. The detector is manufactured in compliance with the ISO-9001 standard and has been designed to satisfy the most stringent operational requirements in any application field.

The Metal Detector comprises a search head, a control unit, a telescopic pole and an elbow support all jointed together in a one-piece design.
The detection head is light and the wiring is designed to be protected from any possible damage.
The compact, highly-portable design allows immediate operational status and ease of transport.
The CEIA CMD® incorporates a rapid battery charger (3 hours max.) powered by an electrical mains adapter or via the cigar lighter socket found in vehicles.

Intentionally designed to be used easily and comfortably in every working condition, the CEIA CMD® can be set up for operation in less than twenty seconds.
The equipment stands out due to its compact design, light weight, operational performance and reliability.
The telescopic pole length can be adjusted for use when standing, kneeling or in the prone position.

RÖNTGENINSPECTIE

Partner **Vehant Technologies**

Vehant Technologies is een toonaangevende leverancier van geavanceerde oplossingen voor fysieke beveiliging en bewaking, gespecialiseerd in explosievendetectiesystemen (ETD's), Under Vehicle Scanning Systems (UVSS) en röntgeninspectietechnologieën. Hun systemen zijn ontworpen ter ondersteuning van de bescherming van kritieke infrastructuur, transportbeveiliging en monitoring van risicovolle faciliteiten.

Product offering

Kritiscan® 150180D

KritiScan® 6040 – Multi-energy X-ray Baggage Scanner

KritiScan® 180180D

KritiScan® 100100 LB

KritiScan® 100100

KritiScan® 7555

Beveiligingsdetectie › Röntgeninspectie

Kritiscan® 150180D

The advanced Dual Energy X-Ray Cargo scanner features a tunnel size of 1560 mm (W) by 1860 mm (H) and provides dual horizontal and vertical views of the scanned objects, enhancing the detection of contraband items. This scanner is well-suited for use in airports, warehouses, customs, railways, and ports, offering a non-intrusive method for inspecting cargo. It facilitates the quick identification of potential risks or anomalies, ultimately reducing the time required to clear goods with customs for compliant traders and importers.

Salient Features

- Atomic number based material discrimination
- Self-diagnosis feature
- High density alert feature
- Radiation safe as per International standards
- Horizontal & Vertical view of scanned objects
- Distortion correction through software

Optional Features

- Threat Image Projection (TIP)
- Network Supervisory Workstation
- (NSW) Video management

Beveiligingsdetectie › **Röntgeninspectie**

KritiScan® 6040 – Multi-energy X-ray Baggage Scanner

KritiScan 6040 is the Multi-energy X-ray baggage scanner designed and developed by Vehant Technologies with Tunnel size – 600 mm (W) X 400 mm (H). It is a compact X-ray baggage scanning system ideal for checkpoints and small baggage scanning at high security premises such as Airports, Government offices, Railways, MRTS and other baggage scanning applications. KritiScan offers numerous optional features such as Threat Image Projection (TIP), Network Supervisory Workstation (NSW) & Video management for effective operation.

Beveiligingsdetectie › **Röntgeninspectie**

KritiScan® 180180D

The advanced Dual Energy X-Ray Cargo scanner features a tunnel size of 1850 mm (W) by 1850 mm (H) and provides dual horizontal and vertical views of the scanned objects, enhancing the detection of contraband items. This scanner is well-suited for use in airports, warehouses, customs, railways, and ports, offering a non-intrusive method for inspecting cargo. It facilitates the quick identification of potential risks or anomalies, ultimately reducing the time required to clear goods with customs for compliant traders and importers.

Salient Features
- Atomic number based material discrimination
- Self-diagnosis feature
- High density alert feature
- Radiation safe as per International standards
- Horizontal & Vertical view of scanned objects
- Distortion correction through software

Optional Features
- Threat Image Projection (TIP)
- Network Supervisory Workstation
- (NSW) Video management

Beveiligingsdetectie › Röntgeninspectie
KritiScan® 100100 LB

KritiScan® 100100 LB, is a multi-energy X-ray baggage scanner manufactured by Vehant Technologies with a tunnel size of 1000 (W) mm X 1000 (H) mm. KritiScan® is an ideal X-ray baggage scanning system for checkpoints and small baggage scanning requirements at high-security premises such as Airports, Government offices, Railways, MRTS, and other premises checkpoint applications. KritiScan® X-ray baggage scanner has been certified by AERB India in terms of mechanical, electrical, and radiation hazards. It comes with additional features such as Threat Image Projection, Central superior console, and Video management for effective operation.

Product Features
- Atomic number based material discrimination
- Distortion correction through software
- Dual energy based virtual imaging
- High accuracy of detection
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display & archival
- Threat Image Projection

Beveiligingsdetectie › Röntgeninspectie

KritiScan® 100100

KritiScan® 100100 is a multi-energy X-ray baggage scanner manufactured by Vehant Technologies with a tunnel size of 1000 (W) mm X 1000 (H) mm. KritiScan® is an ideal X-ray baggage scanning system for checkpoints and small baggage scanning requirements at high-security premises such as Airports, Government offices, Railways, MRTS, and other premises checkpoint applications. KritiScan® X-ray baggage scanner has been certified by AERB India in terms of mechanical, electrical, and radiation hazards. It comes with additional features such as Threat Image Projection, Central superior console, and Video management for effective operation.

Product Features
- Atomic number based material discrimination
- Distortion correction through software
- Dual energy based virtual imaging
- High accuracy of detection
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display & archival
- Threat Image Projection

Beveiligingsdetectie › Röntgeninspectie

KritiScan® 7555

KritiScan® 7555 is designed for security checkpoints and locations requiring small baggage scanning, such as Airports, Government offices, Railways, MRTS, and other checkpoint applications. This X-ray baggage scanner is certified by AERB India for mechanical, electrical, and radiation safety. It also includes features like Threat Image Projection, Central superior console, and Video management for efficient operation.

Salient Features

- Atomic number based material discrimination
- Distortion correction through software
- High accuracy with computer vision technology
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display and archival
- Threat Image Projection

Partner **Astrophysics Inc.**

Astrophysics Inc. levert state-of-the-art röntgeninspectiesystemen die een cruciale rol spelen in de beveiliging van zorgomgevingen. Hun technologie wordt gebruikt in ziekenhuizen en medische instellingen om binnenkomende goederen, apparatuur en afval te screenen op verborgen bedreigingen, wat de algehele veiligheid en naleving van regelgeving verbetert.

Product offering

XIS-6040 – Astrophysics	XIS-6040M – Astrophysics	XIS-6040N – Astrophysics	XIS-6040NM – Astrophysics

XIS-5335S – Astrophysics	XIS-6040SE (Event Edition) – Astrophysics	XIS-6545 – Astrophysics	6545VI – Astrophysics

VI7 – Astrophysics	7858VI – Astrophysics	XIS-1517DV 320kV – Astrophysics	XIS-1517DV 200kV – Astrophysics

XIS-1517 320kV – Astrophysics

XIS-1517 200kV – Astrophysics

XIS-100XDV-MD – Astrophysics

XIS-100XDV – Astrophysics

XIS-100XDX – Astrophysics

XIS-1818DV 320kV – Astrophysics

XIS-100XD – Astrophysics

XIS-100X – Astrophysics

XIS-1818DV 200kV – Astrophysics

XIS-1818 320kV – Astrophysics

XIS-1080D – Astrophysics

XIS-1080 – Astrophysics

XIS-7858 – Astrophysics
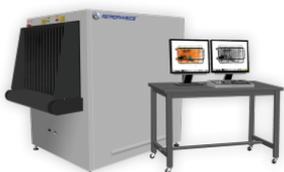
XIS-7555R – Astrophysics

XIS-5878 – Astrophysics

XIS-6545DV – Astrophysics
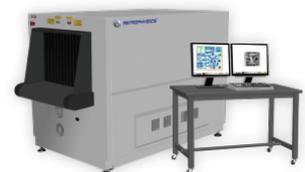
XIS-6040 VI-3D small parcel scanner(Semi-3D)

XIS-1819 200kV – Astrophysics

XIS-1818 200kV – Astrophysics

HXC-320 – Astrophysics

HXP – Astrophysics

Multi-View CT System: MVCT Cargo and Pallet Inspection Scanner

Beveiligingsdetectie › Röntgeninspectie
XIS-6040 – Astrophysics

Het XIS-6040 röntgeninspectiesysteem beschikt over een tunnelopening van 60 x 40 cm. De XIS-6040 biedt een compact ontwerp met grotere afmetingen voor een breder plaatsingsbereik en uitgebreide screeningmogelijkheden. De XIS-6040 is ideaal voor zowel kleine pakketten als controleposten.

De XIS-6040 is geplaatst in hotels, gevangenissen, overheidslocaties en transportknooppunten. Met zijn kleine frame behoudt de XIS-6040 een hoge mobiliteit, maar met een bredere tunnelgrootte voor gevarieerde toepassingen.

Met een krachtige 160kV-generator levert de XIS-6040 scherpe beelden met hoge resolutie dankzij de geavanceerde software en superieure verwerkingstechnologie.

algemene specificaties

tunnelafmetingen (B x H): 60 cm x 40 cm
afmetingen (L x B x H): 142 cm x 84,9 cm x 125,5 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Op zoek naar een oplossing voor uw beveiligingsuitdaging?

Beveiligingsdetectie › Röntgeninspectie
XIS-6040M – Astrophysics

De XIS-6040M (mobiel) is een röntgeninspectiesysteem met tunnelafmetingen van 60 x 40 cm. De XIS-6040M is speciaal ontworpen voor eenvoudige interne verplaatsing in gevangenissen, schepen, banken, gerechtsgebouwen, overheidsfaciliteiten en andere streng beveiligde controlepunten waar snelle implementatie en snelle werking van het systeem essentieel zijn.

Het XIS-6040M röntgeninspectiesysteem is voorzien van robuuste luchtwielen, roestvrijstalen handgrepen en een afsluitbaar bedieningspaneel dat naadloos in het systeem kan worden opgevouwen wanneer het niet in gebruik is.

De XIS-6040M is voorzien van een krachtige 160 kV-generator en een ontwerp dat snel manoeuvreren mogelijk maakt voor een onmiddellijke screeningoplossing.

Algemene specificaties XIS-6040M

tunnelafmetingen (B x H): 60 cm x 40 cm
afmetingen (L x B x H): 142 cm x 84,9 cm x 136,7 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Beveiligingsdetectie › Röntgeninspectie
XIS-6040N – Astrophysics

Het XIS-6040N röntgeninspectiesysteem beschikt over een tunnelopening van 60 cm x 40 cm. De XIS-6040N biedt een compact ontwerp met grotere afmetingen voor een breder plaatsingsbereik en uitgebreide screeningmogelijkheden. De XIS-6040N is iets smaller dan onze XIS-6040 en is ideaal voor zowel kleine pakketten als controleposten.

De XIS-6040N is geplaatst in hotels, gevangenissen, overheidslocaties en transportknooppunten. Met zijn kleine frame behoudt de XIS-6040N een hoge mobiliteit, maar met een bredere tunnelgrootte voor gevarieerde toepassingen.

Met een krachtige 160kV-generator levert de XIS-6040N scherpe beelden met hoge resolutie dankzij de geavanceerde software en superieure verwerkingstechnologie.

Alle röntgeninspectiesystemen van Astrophysics zijn uitgerust met Real-Time Diagnostics, een unieke Astrophysics-functie waarmee gebruikers de systeemstatus kunnen controleren. Deze software is speciaal ontworpen om u kostbare tijd en geld te besparen. Indien gewenst kan Astrophysics ook verbinding maken met uw systeem en eventuele problemen op afstand oplossen.

Een exclusieve astrofysica-optie is onze 6 Color Imaging, waarmee operators gescreende objecten in 6 kleuren kunnen bekijken, waarbij elke kleur correleert met een specifiek bereik van atomaire Z-nummers. Dankzij 6 Color Imaging kunnen operators een optimale materiaalidentificatie bereiken, wat de doorvoer verbetert.

Algemene specificaties XIS-6040N

tunnelafmetingen (B x H): 60 cm x 40 cm
afmetingen (L x B x H): 141,2 cm x 80,9 cm x 124,5 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Beveiligingsdetectie › Röntgeninspectie
XIS-6040NM – Astrophysics

Het XIS-6040NM (mobiele) röntgeninspectiesysteem beschikt over een tunnelopening van 60 cm x 40 cm. De XIS-6040NM biedt een smal mobiel ontwerp voor eenvoudige interne verplaatsing door krappe gangen en ruimtes. De XIS-6040NM is ideaal voor zowel kleine pakketten als controleposten.

De XIS-6040NM is geplaatst in hotels, gevangenissen, overheidslocaties en transportknooppunten. Met zijn kleine frame behoudt de XIS-6040NM een hoge mobiliteit, maar met een bredere tunnelgrootte voor gevarieerde toepassingen.

Met een krachtige 160kV-generator levert de XIS-6040NM scherpe beelden met hoge resolutie dankzij de geavanceerde software en superieure verwerkingstechnologie.

Alle röntgeninspectiesystemen van Astrophysics zijn uitgerust met Real-Time Diagnostics, een unieke Astrophysics-functie waarmee gebruikers de systeemstatus kunnen controleren. Deze software is speciaal ontworpen om u kostbare tijd en geld te besparen. Indien gewenst kan Astrophysics ook verbinding maken met uw systeem en eventuele problemen op afstand oplossen.

Een exclusieve astrofysica-optie is onze 6 Color Imaging, waarmee operators gescreende objecten in 6 kleuren kunnen bekijken, waarbij elke kleur correleert met een specifiek bereik van atomaire Z-nummers. Dankzij 6 Color Imaging kunnen operators een optimale materiaalidentificatie bereiken, wat de doorvoer verbetert.

Algemene specificaties XIS-6040NM

tunnelafmetingen (B x H): 60 cm x 40 cm
afmetingen (L x B x H): 141,2 cm x 80,9 cm x 133,7 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Beveiligingsdetectie › Röntgeninspectie
XIS-5335S – Astrophysics

De XIS-5335S is een klein maar krachtig röntgeninspectiesysteem met een tunnelgrootte van 53,3 x 35,4 cm. De XIS-5335S is het ideale systeem voor het screenen van kleinschalige objecten met verhoogde penetratie, waarbij vloeibare explosieven, IED's, smokkelwaar, verdovende middelen en wapens worden onthuld.

Het systeem is uitgerust met een hoogenergetische 160 kV-generator die geavanceerde beeldkwaliteit en ongeëvenaarde penetratie biedt. Bovendien past de XIS-5335S, met zo'n klein vloeroppervlak, door de meeste deuropeningen en liften, zodat hij snel kan worden verplaatst en geïnstalleerd.

De XIS-5335S is geplaatst in overheidsfaciliteiten, waaronder ambassades, gerechtsgebouwen en scholen, maar ook in bedrijfspostkamers, banken, hotels en medische centra.

algemene specificaties

tunnelgrootte (B x H): 53,3 cm x 35,4 cm
afmetingen (L x B x H): 132 cm x 76,2 cm x 123 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Op zoek naar een oplossing voor uw beveiligingsuitdaging?

Beveiligingsdetectie › **Röntgeninspectie**

XIS-6040SE (Event Edition) – Astrophysics

The XIS-6040SE (Event Edition) is specially designed for immediate use and optimal ease of use. The baggage scanner is ready for use within a few minutes. This makes this X-ray baggage scanner optimal for use in events such as festivals, congresses and other places where direct employability is important.

The X-Ray Inspection System features a tunnel opening of 60.0 cm x 40.0 cm (23.6" x 15.7"). The XIS-6040SE offers a compact design with increased dimensions for a wider range of placement and expanded screening capability. The XIS-6040SE is ideal for both small parcel and checkpoint screening.The datasheet is not available at the moment. Do you want further information? Please contact PEO security and we will provide you the latest details.

Product highlights
- Enhanced Imaging™ (EI) Software
- Compact footprint
- Mobility package for easy relocation
- Spill-resistant conveyor belt
- High-resolution images with 24-bit color
- Enhanced material discrimination
- Windows Operating System with Intel® Core™ Processor
- Real-time diagnostics
- High-contrast image analysis

Beveiligingsdetectie › Röntgeninspectie

XIS-6545 – Astrophysics

De XIS-6545 is het ultieme röntgeninspectiesysteem met een tunnelopening van 65,1 x 45,4 cm. De XIS-6545, ontworpen voor kleine tot middelgrote objecten, is het eerste product ooit vervaardigd door Astrophysics en wordt gekenmerkt door zijn betrouwbaarheid, optimale afmetingen en effectieve detectie van bedreigingen.

Het XIS-6545 röntgeninspectiesysteem biedt een breed toepassingsbereik, van gerechtsgebouwen, gevangenissen, ziekenhuizen en controleposten op luchthavens. Met een standaard 160 kV-generator is de XIS-6545 ook beschikbaar voor een upgrade naar een 180 kV-generator voor een betere penetratie.

Het is een van de meest verkochte XIS-eenheden en is een kwaliteitscontrolesysteem met superieure XIS-software van Astrophysics en een maximale doorvoer.

Algemene specificaties XIS-6545

tunnelgrootte (B x H): 65,1 cm x 45,4 cm
afmetingen (L x B x H): 216,4 cm x 87,3 cm x 131,6 cm
Röntgengenerator: 160 kV, werkend op 150 kV

Beveiligingsdetectie › Röntgeninspectie

6545VI – Astrophysics

De 6545VI is ongetwijfeld het krachtige systeem in zijn klasse. De 6545VI heeft een verbeterd frame met roestvrijstalen accenten, tunnelverlengingen en servicevriendelijke lambrisering, compleet met een mobiele monitorstandaard voor een strakke nieuwe esthetiek.

Met geavanceerde VI-software, dubbele 22-inch jittervrije monitoren en een 180 kV-generator genereert de 6545VI high-definition beelden met ongeëvenaarde helderheid en penetratie. Deze technologie verhoogt de betrouwbaarheid van de screening en optimaliseert de detectienauwkeurigheid en doorvoer.

De 6545VI röntgenscanner integreert geavanceerde detectie van bedreigingen, een gebruiksvriendelijke interface, mobiliteit en een geïnspireerd ontwerp voor een algeheel systeem van hoge kwaliteit.

Röntgengenerator

Spanning: 180 kV, werkend op 165 kV

Computer

processor: Intel® Core i7 2,93 GHz 8 MB cache
geheugen: 4 GB RAM op 1333 MHz
platform: Windows® 7
back-up: ononderbroken stroomvoorziening (volledige systeemwerking – 3 min)

Monitor

Weergavetype: dubbele 22-inch LCD-kleurenmonitors (jittervrij)

Algemene specificaties 6545VI

tunnelgrootte (B x H): 65,1 cm x 45,4 cm
afmetingen (L x B x H): 217,2 cm x 95,2 cm x 131 cm
Röntgengenerator: 180 kV, werkend op 165 kV

Beveiligingsdetectie › Röntgeninspectie

VI7 – Astrophysics

With a tunnel opening of 62.1 cm x 41.7 cm (W x H) and a single 180kV generator, the VI7 generates a series of 7 high quality images of the screened object, each showcasing a different angle.

The VI7 features a display that rotates through 7 views, each showing the same bag from a distinctive, unique vantage point. It therefore enhances the operator's 3D awareness and overall depth perception. Items that may have been hidden in one view become clearly visible in another.

The VI7 "surround view" technology successfully heightens the operator's image interpretation and object identification while speeding throughput and reducing the need for a secondary search.

Developed with funding from the DHS Science and Technology Directorate, under technical direction of the Transportation Security Laboratory Human Factors Program.

General Specifications VI7

- **Tunnel Size (W x H):** 62.1 cm x 41.7 cm
- **Dimensions (L x W x H):** 274.0 cm x 120.0 cm x 153.3 cm
- **X-ray Generator:** 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

7858VI – Astrophysics

The 7858VI combines the VI Series performance with a larger screening capacity. The 7858VI has a dynamic look with a stainless steel frame panels and a Mobile Monitor Stand, complimented by an impressive suite of software and hardware advancements for unrivaled image manipulation and quality.

With its ideal design, the 7858VI maximizes baggage and small parcel screening with a minimized system profile. Matched with VI Series technology and a standard 180 kV generator, the 7858VI boasts heightened material identification and increased throughput. The 7858VI is your solution to sleek screening of larger objects with fast and accurate threat detection.

X-Ray Generator

- voltage: 180kV, Operating at 165kV

Computer

- processor: Intel Core i7 2.93 GHz 8MB cache
- memory: 4 GB RAM at 1333 MHz
- platform: Windows 7
- backup: uninterrupted power supply (full system operation- 3 min)

Monitor

- display type: dual 22" LCD color monitors (jitter free)

General Specifications

- **tunnel size (W x)H:** 77.5 cm x 58.3 cm cm
- **dimensions (L x W x H):** 188 cm x 103 cm x 139.4 cm
- **X-ray generator:** 180kV, operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1517DV 320kV – Astrophysics

The XIS-1517DV 320kV is an advanced X-Ray Inspection System with a tunnel opening of 152.4 cm x 170.2 cm. The XIS-1517DV 320kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration. The XIS-1517DV 320kV was specifically designed for in-depth screening clarity of customs and military cargo.

The XIS-1517DV 320kV has a low conveyor height of just 35.6 cm and can support 3000 kg of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1517DV 320kV is a quality XIS unit that offers the most cutting edge technology in cargo security.

All Astrophysics X-ray Inspection Systems are equipped with Real-Time Diagnostics, a unique Astrophysics feature which allows users to monitor system health. This software was specifically engineered to save you valuable time and money. If requested, Astrophysics would also be able to connect to your system and troubleshoot any issues remotely.

An exclusive Astrophysics option is our 6 Color Imaging, which enables operators to view screened objects in 6 colors, each color correlating to a specific range of Atomic Z-Numbers. 6 Color Imaging enables operators to achieve optimal material identification which improves throughputs.

General Specifications XIS-1517DV 320kV
- **Tunnel Size (W x H):** 152.4 cm x 170.6 cm
- **Dimensions (L x W x H):** 1116.4 cm x 281.3 cm x 304.8 cm
- **X-ray Generator:** 320kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1517DV 200kV – Astrophysics

The XIS-1517DV 200kV is an advanced X-Ray Inspection System with a tunnel opening of 150 x 170.2 cm. The XIS-1517DV 200kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration.

The XIS-1517DV 200kV advanced x ray inspection system was specifically designed for in-depth screening clarity of customs and military cargo.

It has a low conveyor height of just 38.3 cm and can support 2000 kg (4410 lbs) of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1517DV 200kV is a quality XIS unit that offers the most cutting edge technology in cargo security. *Also available with a generator output of 180kV or 320kV.

General Specifications XIS-1517DV 200kV
- **Tunnel Size (W x H):** 150 cm x 170.2 cm
- **Dimensions (L x W x H):** 792.2 cm x 259.1 cm x 286 cm
- **X-ray Generator:** Dual 200kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1517 320kV – Astrophysics

The XIS-1517 320kV is a high penetration X-Ray Inspection System with a tunnel opening of 150.9 x 170.6 cm. It utilizes advanced imaging technology and high powered generators for heightened image screening. The XIS-1517 320kV was specifically designed for in-depth screening clarity of customs and military cargo.

The XIS-1517 320kV has a low conveyor height of just 40 cm and can support 2000 kg of cargo without compromising throughput, adding to the efficiency and security of any facility or transport hub.

The XIS-1517 320kV high penetration x ray is a quality XIS unit that offers the most cutting edge technology in cargo security.

General Specifications XIS-1517 320kV
- **Tunnel Size (W x H):** 150.9 cm x 170.6 cm
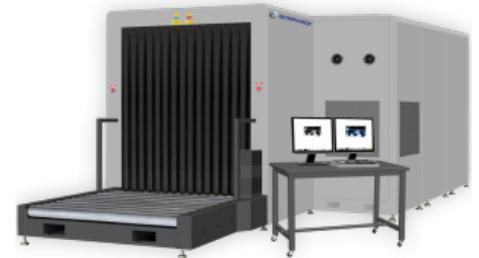- **Dimensions (L x W x H):** 1095.6 cm x 278.8 cm x 292 cm
- **X-ray Generator:** 320kV

Beveiligingsdetectie › Röntgeninspectie
XIS-1517 200kV – Astrophysics

The XIS-1517 200kV is the premier heavy duty X-Ray Inspection System with a tunnel opening of 150 cm x 170.2 cm. The XIS-1517 200kV is especially designed for screening crates, cargo and pallet sized objects at all security sites, including airports and customs locations.

With a low conveyor height of just 38.3 cm above floor level, loading and unloading of heavy freight is simple. With a 200kV generator, the XIS-1517 200kV boasts superior penetration.

This heavy duty x ray system consistently delivers high quality imaging and outstanding performance. The XIS-1517 200kV is your solution to advanced cargoscreening.

*Also available with a generator output of 180kV or 320kV.

General Specifications XIS-1517 200kV
- **Tunnel Size (W x H):** 150 cm x 170.2 cm
- **Dimensions (L x W x H):** 670.3 cm x 259.1 cm x 225 cm
- **X-ray Generator:** 200kV

Beveiligingsdetectie › Röntgeninspectie

XIS-100XDV-MD – Astrophysics

Designed for high-threat security, the modular XIS-100XDV MD is a dual view X-Ray Inspection System with a generous tunnel size of 101.0 cm x 101.5 cm. Based on our standard XIS-100XDV, the MD (modular design) version is built in separate modules, each with their own set of casters to allow for easy installation and integration into facilities where space may be an issue.

Boasting two x-ray generators, the XIS-100XDV MD produces two screening perspectives and allows operators to manipulate each independently, thus enhancing the operator's ability to identify potential security threats with increased accuracy and speed. The XIS-100XDV MD is the ultimate solution for large object screening at inspection sites requiring heightened security protection.

General Specifications XIS-100XDV-MD

- Tunnel Size (W x H): 101.0 cm x 101.5 cm
- Dimensions (L x W x H): 380.7 cm x 165.4 cm x 182.2 cm
- X-ray Generator: Dual 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-100XDV – Astrophysics

Designed for high-threat security, the XIS-100XDV is a dual view X-Ray Inspection System with a generous tunnel size of 101.6 x 101.6 cm. The XIS-100XDV is well-suited for airports, military and government sites.

Boasting two x-ray generators, it produces two screening perspectives and allows operators to manipulate each independently. Thus, the XIS-100XDV enhances operator's ability to identify potential security threats with increased accuracy and speed.

Combined with dual view technology and Astrophysics software, the XIS-100XDV dual view x ray is the ultimate solution for large object screening at inspection sites requiring heightened security protection.

General Specifications XIS-100XDV

- **Tunnel Size (W x H):** 101.6 cm x 101.6 cm
- **Dimensions (L x W x H):** 313.4 cm x 173.4 cm x 195.9 cm
- **X-ray Generator:** Dual 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-100XDX – Astrophysics

The XIS-100XDX is the newest Dual View X-Ray Inspection System featuring a tunnel size of 100 x 100 cm (39.4" x 39.4"). The XIS-100XDX dual view x ray combines dual view technology with a low conveyor height of just 30 cm (12") for optimal heavy object screening.

Dual View technology utilizes two generators, creating two image perspectives. Coupled with 6 Color Imaging, dual view technology enables operators to increase image manipulation and object recognition.

The XIS-100XDX's low conveyor design and dual view detection enable operators to quickly scan heavy objects without any loss in threat detection accuracy.

General Specifications XIS-100XDX

- **Tunnel Size (W x H):** 100 cm x 100 cm/ 39.4" x 39.4"
- **Dimensions (L x W x H):** 312 cm x 183.2 cm x 188.6 cm/ 123" x 72.1" x 74.2"
- **X-ray Generator:** Dual 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1818DV 320kV – Astrophysics

The XIS-1818DV 320kV is an advanced X-Ray Inspection System with a tunnel opening of 181 cm x 180.7 cm. The XIS-1818DV 320kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration.

This advanced x ray inspection system was specifically designed for in-depth screening clarity of customs and military cargo. The XIS-1818DV 320kV has a low conveyor height of just 34.4 cm and can support 3000 kg of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1818DV 320kV is a quality XIS unit that offers the most cutting edge technology in cargo security.

General Specifications XIS-1818DV 320kV
- **Tunnel Size (W x H):** 181 cm x 180.7 cm
- **Dimensions (L x W x H):** 1116.4 cm x 310.5 cm x 314.3 cm
- **X-ray Generator:** Dual 320kV

Beveiligingsdetectie › Röntgeninspectie
XIS-100XD – Astrophysics

The XIS-100XD is a redesigned 100X with a tunnel size of 100 x 100 cm. With a repositioned 180kV generator, the XIS-100XD has a low conveyor height of just 30 cm, enabling heavy objects to be easily loaded on and off the conveyor.

Due to its easy loading design, the XIS-100XD heavy parcel inspector has found placement at airports, courthouses, customs facilities and hotels, but is ideal for all heavy parcel inspection.

The XIS-100XD is the epitome of technological innovation for its increased convenience and efficiency. It offers optimized technology, large tunnel dimensions and minimum inspection time.

General Specifications XIS-100XD
- **Tunnel Size (W x H):** 100 cm x 100 cm
- **Dimensions (L x W x H):** 236.7 cm x 127.5 cm x 190.9 cm
- **X-ray Generator:** 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-100X – Astrophysics

The XIS-100X is a versatile X-Ray Inspection System with a tunnel size of 101.6 x 101.3 cm. The XIS-100X is designed for screening oversized luggage, large parcels and small cargo.

One of the most desired systems in the XIS Series, it is a flexible, mid-sized system that offers diverse screening capabilities. The XIS-100X x ray inspection system retains high throughput while providing a bigger tunnel size for larger scale object screening. Thus, the system offers improved efficiency for medium sized screening needs.

Ultimately, the XIS-100X is the cost effective screening solution for airports, customs facilities, and high security sites.

General Specifications XIS-100X
- **Tunnel Size (W x H):** 101.6 cm x 101.3 cm
- **Dimensions (L x W x H):** 277.5 cm x 137.2 cm x 191.9 cm
- **X-ray Generator:** 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1818DV 200kV – Astrophysics

The XIS-1818DV 200kV is a high capacity X-Ray Inspection System with extended tunnel dimensions 180.3 cm x 180.5 cm. The XIS-1818DV 200kV utilizes dual 200kV sources to generate two independent perspectives for large cargo and pallet inspection at airports and seaports.

Featuring a heavy duty roller bed and rugged construction, the XIS-1818 can support 3000 kg. The XIS-1818 200kV high capacity x ray inspection system consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1818 200kV is the quality system for your large scale screening needs. *Also available with a generator output of 180kV or 320kV.

General Specifications XIS-1818DV 200kV
- **Tunnel Size (W x H):** 180.3 cm x 180.5 cm
- **Dimensions (L x W x H):** 853.1 cm x 289.6 cm x 316.6 cm
- **X-ray Generator:** Dual 200kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1818 320kV – Astrophysics

The XIS-1818 320kV is a high performance X-Ray Inspection System with tunnel dimensions 181 cm x 180.7 cm. The XIS-1818 320kV is primarily designed for military, government and cargo use for advanced high security screening.

With the addition of the high powered 320 kV generator, the XIS-1818 320kV high performance x ray inspection system delivers advanced penetration for improved object recognition with increased clarity and unprecedented image quality.

With a low conveyor height and heavy duty roller bed, the XIS-1818 320kV provides optimized large scale screening with unmatched penetration for precision accuracy.

General Specifications XIS-1818 320kV

- **Tunnel Size (W x H):** 181 cm x 180.7 cm
- **Dimensions (L x W x H):** 995.8 cm x 310.5 cm x 240 cm
- **X-ray Generator:** 320kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1080D – Astrophysics

The XIS-1080D is an advanced X-Ray Inspection System that offers tunnel dimensions of 101 x 80 cm. Significantly, with a low conveyor height of just 30 cm, it facilitates fast loading and is well suited for heavy object screening.

With a redesigned XIS-1080 frame, the XIS-1080D embodies efficiency and ease of use for operators. The XIS-1080D boasts reliability and increased throughput rate due to its convenient conveyor height.

Moreover, the XIS-1080D x ray inspection system is the smallest of the XIS Series for medium capacity screening and is ideally suited for locales with high congestion, limited system space and heavy object screening.

General Specifications XIS-1080D

- **Tunnel Size (W x H):** 101 cm x 80 cm
- **Dimensions (L x W x H):** 236.6 cm x 127.5 cm x 171.7 cm
- **X-ray Generator:** 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie
XIS-1080 – Astrophysics

The XIS-1080 is a mid-size X-Ray Inspection System with a tunnel opening of 101.6 x 81.4 cm. The XIS-1080 is designed for screening standard and oversized baggage, dolly-sized crates and larger scale objects.

The XIS-1080 is the ideal system to screen larger capacity objects while also retaining a limited system size. With a heavy duty conveyor belt, the system can support an unprecedented weight of 200 kg (440 lbs) at any given time, thus allowing for heavier object screening.

Ultimately, the XIS-1080 x ray inspection system is your secure screening solution for high-congestion sites with limited space, and crucial mid-sized screening needs.

General Specifications XIS-1080
- **Tunnel Size (W x H):** 101.6 cm x 81.4 cm
- **Dimensions (L x W x H):** 257.4 cm x 137.2 cm x 170.6 cm
- **X-ray Generator:** 180kV, Operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-7858 – Astrophysics

The XIS-7858 is a uniquely engineered X-Ray Inspection System with a tunnel size of 78 x 58.3 cm. The XIS-7858 is designed to provide maximum object screening with a minimized system profile. The XIS- 7858 is well-suited for hotels, corporate sites, government offices, mailrooms, and airports.

The XIS-7858 is the largest XIS Series system for small parcel capacity. The XIS-7858 features a standard 180kV generator for heightened penetration and enhanced object recognition.

The XIS-7858 small parcel screening x ray is the ideal screening solution for any location in need of increased screening dimensions within a consolidated space.

General Specifications XIS-7858

- **tunnel size (W x H):** 78 cm x 58.3 cm
- **dimensions (L x W x H):** 188 cm x 103 cm x 139.4 cm
- **X-ray generator:** 180kV, operating at 165kV

Beveiligingsdetectie › Röntgeninspectie
XIS-7555R – Astrophysics

The new XIS-7555R is Astrophysics' exclusive ruggedized, self-contained system. Designed and tested specially for outdoor use, there is no other system like it. The frame is completely made of stainless steel, powder coated with a special anti-corrosion formula and bulb-sealed to be water-resistant, making the XIS-7555R deployable anywhere. It is an ideal security screening solution for maritime environments, deserts, and other harsh outdoor conditions.

With a tunnel size of 75.6 cm x 55.2 cm, the XIS-7555R is designed to provide maximum object screening with a minimized system profile. The XIS-7555R features a standard 180kV generator for heightened penetration and enhanced object recognition.

The XIS-7555R is transportable and equipped with shock absorbing pads to endure rough surfaces. It has been tested in our lab for extreme temperatures and situations. From sandstorms to torrential storms, the XIS-7555R is engineered to last and provide screening under the most rigid extremes.

General Specifications XIS-7555R
- **tunnel size (W x H)**: 75.6 cm x 55.2 cm
- **dimensions (L x W x H)**: 189.7 cm x 106.3 cm x 164.3 cm
- **X-ray generator**: 180kV, operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-5878 – Astrophysics

The XIS-5878 X-Ray Inspection System has tunnel dimensions of 58.4 x 78.3 cm. It features a low conveyor height of 30 cm to expedite the loading and unloading of screening objects. The XIS-5878 is well suited for airports, government facilities, and sites with heavy inspection parcels.

The XIS-5878 x ray inspection system has unmatched efficiency in a compact frame. It supports 165 kg (360 lbs) and includes a standard 180kV generator for increased penetration capabilities.

With a convenient conveyor height and high performance technology, the XIS-5878 is ideal for security sites where screening of wheeled or heavy objects is required.

General Specifications XIS-5878

- **tunnel Size (W x H):** 58.4 cm x 78.3 cm
- **dimensions (L x W x H):** 252.4 cm x 137.1 cm x 126 cm
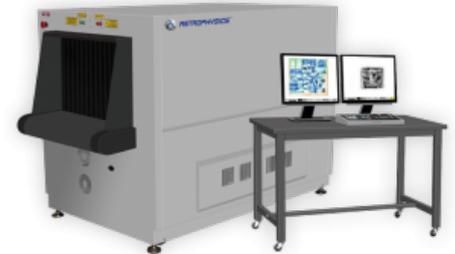- **X-ray generator:** 180kV, operating at 165kV

Beveiligingsdetectie › Röntgeninspectie

XIS-6545DV – Astrophysics

De XIS-6545DV is een dual-view röntgeninspectiesysteem met tunnelafmetingen 65 x 45 cm. De XIS-6545DV is ontworpen voor beveiligingslocaties met een hoog risico en is ideaal voor luchthavens, overheden, faciliteiten, havens, ziekenhuizen en banken.

De XIS-6545DV beschikt over dubbele röntgengeneratoren om twee verschillende beeldperspectieven te creëren die onafhankelijk van elkaar kunnen worden gemanipuleerd. Door gebruik te maken van dubbele weergave
technologie, naast 6 kleurenbeeldvorming en atomaire Z-nummermeting, biedt de XIS-6545DV een ongeëvenaarde identificatie van bedreigingen.

Uiteindelijk maximaliseert de XIS-6545DV x-ray met dubbele weergave de doorvoer en verbetert de detectie op locaties waar tijdefficiëntie en hoge veiligheidsscreening cruciaal zijn.

Algemene specificaties XIS-6545DV

tunnelafmetingen (B x H): 65 cm x 45 cm
afmetingen (L x B x H): 213 cm x 106,4 cm x 129 cm
Röntgengenerator: dubbel 180 kV, werkend op 165 kV

Op zoek naar een oplossing voor uw beveiligingsuitdaging?

Beveiligingsdetectie › Röntgeninspectie

XIS-6040 VI-3D small parcel scanner(Semi-3D)

De XIS-6040 VI-3D kleine pakketscanner beschikt over een display dat door drie weergaven draait, elk vanuit een ander gezichtspunt. Met een unieke 3D View-ervaring verbetert dit model de dieptewaarneming van de machinist en de zichtbaarheid van objecten om blinde vlekken te elimineren.

De machine heeft een tunnelopening van 62,1 cm x 42 cm (23,63″ x 16,54″) en een 180kV generator, waardoor het een compact en krachtig systeem is. Het is ideaal voor het screenen van kleine tot middelgrote pakketten.

Dit astrofysica-screeningsysteem is nuttig op meerdere gebieden, zoals transport, havens en grenzen en kritieke infrastructuur.

Deze machine is voorzien van RVS accenten die de 6040 VI-3D technologie accentueren. Het beschikt ook over een groot beeld van hoge kwaliteit voor verbeterde detectie van bedreigingen met een 24-inch LCD-kleurenmonitor. Vanwege de (semi) 3D-beeldvorming vermindert het blinde vlekken.

XIS-6040 VI-3D KLEINE PAKKETSCANNERFUNCTIES

- Roestvrijstalen frameaccenten
- LCD-monitor met hoge definitie
- Intel iCore 7-processor
- Windows 7-besturingssysteem
- Geeft beelden weer die drie keer "schommelen".
- 6-kleuren weergave
- Bagagebalie
- Keuze tussen kleur- of zwart-witafbeelding
- Zware rolwielen
- Vermindert blinde vlekken

Als je meer wilt lezen over astrofysica-screeningssystemen, lees dan dit PEO-artikel, of klik hier!
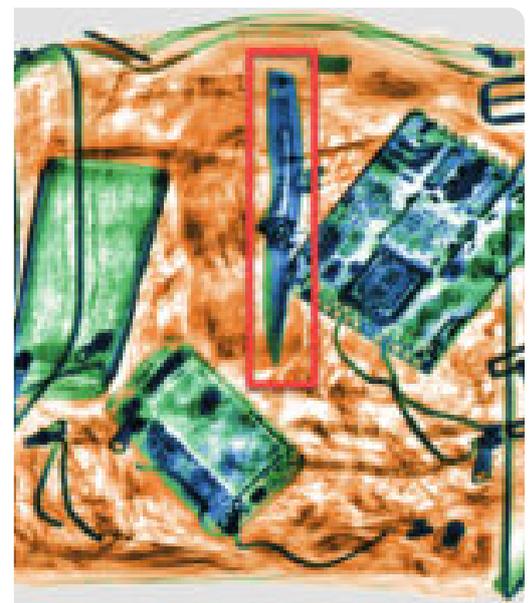
Beveiligingsdetectie › Röntgeninspectie
XIS-1819 200kV – Astrophysics

The XIS-1819 200kV is a high capacity X-Ray Inspection System with extended tunnel of 180.3 cm x 190 cm. The XIS-1819 200kV is designed for large cargo and pallet inspection at airports and seaports, but is ideal for any location where large scale security screening is required.

Featuring a heavy duty roller bed and rugged construction, the XIS-1819 200kV can support 2000 kg. It consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1819 200kV advanced x ray inspection machine is the quality system for your large scale screening needs.

General Specifications XIS-1819 200kV
- **Tunnel Size (W x H):** 180.3 cm x 190 cm
- **Dimensions (L x W x H):** 765.4 cm x 332.1 cm x 233 cm
- **X-ray Generator:** 200kV

Beveiligingsdetectie › Röntgeninspectie

XIS-1818 200kV – Astrophysics

The XIS-1818 200kV is a high capacity X-Ray Inspection System with extended tunnel dimensions 180.3 cm x 180.5 cm. The XIS-1818 is designed for large cargo and pallet inspection at airports and seaports, but is ideal for any location where large scale security screening is required.

Featuring a heavy duty roller bed and rugged construction, the XIS-1818 200kV can support 2000 kg. The XIS-1818 200kV consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1818 200kV is the quality system for your large scale screening needs. *Also available with a generator output of 180kV or 320kV.

General Specifications XIS-1818 200kV
- **Tunnel Size (W x H):** 180.3 cm x 180.5 cm
- **Dimensions (L x W x H):** 670.3 cm x 289.5 cm x 235.2 cm
- **X-ray Generator:** 200kV

Beveiligingsdetectie › **Röntgeninspectie**
HXC-320 – Astrophysics

De Astrophysics HXC-320 Voertuigscanner is speciaal ontworpen om auto's en motorvoertuigen met een hoogte van 2,7 meter en een breedte van 2,6 meter te scannen. De HXC-320 scant voertuigen om verborgen smokkelwaar te identificeren, zoals gesmokkelde goederen, explosieven, verdovende middelen en wapens. De HXC-320 heeft een röntgengenerator van 320 kV waarmee de autoscanner kan functioneren als een drive-through-portaal, zonder dat bestuurders en passagiers hoeven te worden uitgeladen. Het eenvoudige proces, de geautomatiseerde werking en de hoge doorvoer verminderen de noodzaak voor handmatige inspectie en locaties met veel verkeer zullen minder achterstanden en vertragingen ervaren.

De HXC-320 is een efficiënte en aanpasbare oplossing voor de bescherming en inspectie van kritieke infrastructuurlocaties zoals overheidsfaciliteiten, militaire controleposten, sportevenementen en land- en zeegrenzen. Er zijn verschillende installatieopties beschikbaar: installatie in de grond, waardoor er geen oprit nodig is, en een transportsysteem voor onbemande voertuigen als een doortrekoperatie de voorkeur heeft.

Beveiligingsdetectie › Röntgeninspectie

HXP – Astrophysics

Dagelijks worden er goederen over de hele wereld geïmporteerd en geëxporteerd. Om onze havens, luchthavens en grensovergangen te beschermen tegen bedreigingen moeten overheidsinstanties snel vrachtwagens en containers kunnen doorzoeken zonder de handel te vertragen.

Astrofysica is toegewijd aan het helpen van instanties zoals grenspatrouilles, douane en politie bij het opsporen van smokkelwaar, wapens, explosieven, frauduleuze handelsartikelen en andere veiligheidsbedreigingen. Onze HXP wordt gebruikt om vrachtwagens, containers en voertuigen te inspecteren op deze bedreigingen, evenals de verificatie van manifesten. Met een eenvoudig drive-through-proces, geautomatiseerde bediening en hoge doorvoer wordt de noodzaak voor handmatige inspectie verminderd en worden locaties voor vrachtinspectie met grote volumes niet achtergesteld.

Met de HXP kunnen chauffeurs veilig in hun vrachtwagencabine blijven, omdat het scanproces pas begint nadat de chauffeur het punt is gepasseerd waar de röntgenfoto is uitgezonden. De geautomatiseerde scanprocedure zorgt voor eenvoud en snelheid, waardoor het personeel zich kan concentreren op andere belangrijke taken, waardoor de productiviteit toeneemt.

Hoewel er andere oplossingen voor vracht- en voertuiginspectie beschikbaar zijn, zoals een Gantry- of mobiele scanner, heeft de High Energy X-ray Portal-scanner de laagste eigendomskosten, eenvoudig onderhoud en de hoogste doorvoer naast een aantal andere grote voordelen.

Beveiligingsdetectie › Röntgeninspectie

Multi-View CT System: MVCT Cargo and Pallet Inspection Scanner

The Astrophysics Multi-View CT (MVCT) is a unique, breakthrough solution for screening medium-to-high density cargo. By combining two complementary techniques, radiography and tomography, this high-powered system allows freight forwarders, airlines, and government agencies to perform rapid and effective cargo inspections.
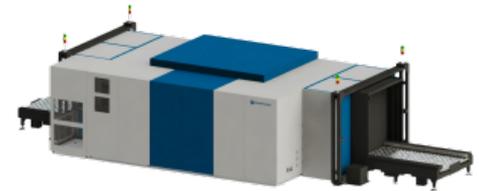
The MVCT is a disruptive technology offering a significant advance in cargo inspection and security screening.

Features & Benefits

• 450kV Generator: A potent X-ray source provides high penetration and contrast screening of dense cargo.
• Multiple-View Mode: The MVCT provides 7 X-ray views after each pass through the scan tunnel. Scanning only 1 pass (7 images) can process 60 pallets per hour. Optional multi-pass scanning can provide up to 35 images per pallet, giving a rotational image of 225°.
• Computed Tomography (CT) Mode: To inspect complex, cluttered, and even non-homogeneous cargo, the MVCT can combine data from up to 5 multi-view passes to reconstruct a 3D CT image for review. Operators can rotate the image a full 360° to view the entire pallet, or select and view individual slices in
<1 cm increments on the coronal (front-to-back), axial (top-to-bottom), and sagittal (left-to-right) planes. CT screening can process 20 pallets per hour.
• Unparalleled Image Quality: The clarity of the radiographic and tomographic images allows operators to identify threats in any location within the cargo. Advanced imaging software enables operators to rotate the cargo on-screen (in 3D) and apply additional filters to maximize screening results.
• Compelling Return on Investment: High-quality images lead to fewer false alarms and reduce the need for break-bulk screening. This in turn reduces labor costs and increases productivity, generating a significant return on investment within the first year.

General specifications:

• tunnel Size: 125.7 cm x 170.2 cm (W x H);
• system Dimensions: 1260 cm x 453 cm x 296 cm (L x W x H);
• max Cargo Dimensions: 121.9 cm x 121.9 cm x 165.1 cm (L x W x H);
• net Weight1: 32,500 kg estimated (71,650 lbs);
• roller Bed Speed: 0.2 m/s (0.66 ft/s);
• roller Bed Capacity: 1600 kg (3527 lbs) Pallet;
• scan Duration (1 pass): 25 seconds;
• scan Duration (4 passes): 150 seconds;

- throughput (1 pass): Typical 60 pallets/hour;
- throughput (4 passes): Typical 20 pallets/hour.

Generator:

- voltage: 450kV;
- current, Power: 4.0 mA, 1.8kW;
- cooling: Oil cooling;
- beam Direction: Horizontal side-shooter, split into angled fan beams;
- detectors: 7 x 2432 Channels in L-Shaped Arrays.Would you like to view the complete specifications? Fill in the form below and download the datasheet!JTVCZW1haWwtZG93bmxvYWQlMjBkb3dubG9hZF9pZCUzRCUyMjIzODg2JTIyJTIwY29udGFjdF9mb3JtX2lkJTNEJTIyMzc3OSUyMiU1RA==

Partner Logos Imaging

Logos Imaging is een Amerikaanse fabrikant die gespecialiseerd is in draagbare digitale radiografiesystemen (DR) die speciaal zijn ontwikkeld voor beveiligingstoepassingen. Hun oplossingen zijn ontworpen om snelle, hoge-resolutiebeelden te leveren in het veld en kritieke operaties te ondersteunen, zoals bedreigingsdetectie en inspectie.
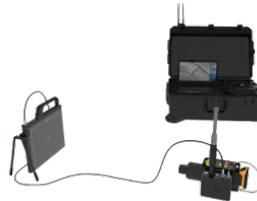
Product offering

| MÓNOS Flat Panel System – Logos Imaging | ORAMA II Flat Panel System | NEOS III Flat Panel System | PRÓTOS Flat Panel System – Logos Imaging |

Beveiligingsdetectie › Röntgeninspectie
MÓNOS Flat Panel System – Logos Imaging

Het MÓNOS-systeem is een veelzijdig grootformaat beeldverwerkingssysteem met hoge resolutie dat gebruikers een ideaal systeem biedt voor meerdere soorten operaties. Het MÓNOS-paneel is voorzien van een ingebouwde draadloze verbinding met een bereik van 50 m en een interne batterij wanneer een lichtgewicht, uiterst draagbaar systeem vereist is. Door de ASÝRMATOS II-interface toe te voegen, kunnen gebruikers de levensduur van de batterij verlengen en het draadloze bereik vergroten (tot 400 m zichtlijn). Het MÓNOS-paneel heeft een onderrand van 8 mm, is 18 mm dun en heeft een vermogen tot 330 kV.

- Kenmerken van het MÓNOS flatpanelsysteem
- Detectortype: Amorf silicium met TFT
- Detectorgebied: 423 x 358 mm
- Pixelresolutie: 3.328 x 2.816 pixels
- Pixelafstand: 127 μm
- Beperkingsresolutie: 3,9 lp/mm
- Pixeldiepte: 16 bits
- Afmetingen (alleen paneel): 475 x 400 x 18 mm, 5,3 kg
- Bedrijfstemperatuur
  Bedraad: -20 tot 50 C
  Draadloos: 0 tot 40 C

Beveiligingsdetectie › Röntgeninspectie
ORAMA II Flat Panel System

Het ORAMA II-systeem is niet alleen het populairste DR-systeem van Logos, het is ook het meest robuuste. Met een IP64-classificatie en een valtest van 1 m is de ORAMA II de ideale oplossing voor gebruik in het veld. Dit systeem biedt een beeldgebied van 14 x 17 inch, een onderrand van 8 mm en is afgeschermd voor bronnen tot 330 kV. In combinatie met de ASÝRMATOS II-interface biedt de ORAMA II gebruikers draadloze bediening over een afstand van 400 meter. Bij gebruik in combinatie met een Golden Engineering XRS3 biedt het systeem meer dan 60 mm staalpenetratie en organische detectie (optionele CHRÓMA-module vereist voor organische detectie).
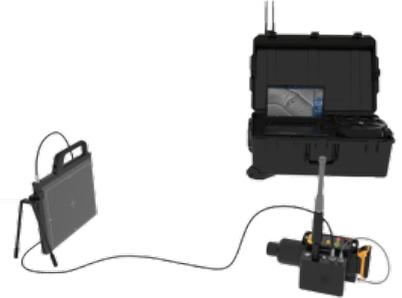
Functies van het ORAMA II flatpanelsysteem
- Detectortype: Amorf silicium met TFT
- Detectorgebied: 423 x 358 mm
- Pixelresolutie: 3.328 x 2.816 pixels
- Pixelafstand: 127 μm
- Beperkingsresolutie: 3,9 lp/mm
- Pixeldiepte: 16 bits
- Afmetingen (alleen paneel): 475 x 400 x 18 mm, 5,3 kg
- Bedrijfstemperatuur: -20 tot 50 C

Beveiligingsdetectie › Röntgeninspectie
NEOS III Flat Panel System

Het volledig draadloze NEOS III-systeem in rugzakconfiguratie is bij uitstek geschikt voor gedemonteerde werkzaamheden en weegt minder dan 10 kg. Met een ingebouwde batterij en interne draadloze communicatie is de NEOS III perfect voor gebruikers die snel een item willen beoordelen. Met een gewicht van 3,3 kg en een dikte van slechts 18 mm kan de NEOS III gemakkelijk en met minimale inspanning op het doel worden getransporteerd. De NEOS III produceert 16-bits beelden met hoge resolutie en is afgeschermd voor bronnen tot 330 kV. Gebruikers hebben ook de mogelijkheid om de ASÝRMATOS II-interface te gebruiken om het draadloze bereik en de gebruikstijd te vergroten.

- NEOS III Flat Panel-systeemfuncties
- Detectortype: Amorf silicium met TFT
- Detectorgebied: 325 x 260 mm
- Pixelresolutie: 2.560 x 2.048 pixels
- Pixelafstand: 127 µm
- Beperkingsresolutie: 3,9 lp/mm
- Pixeldiepte: 16 bits
- Afmetingen (alleen paneel): 385 x 320 x 18 mm, 3,3 kg
- Bedrijfstemperatuur:
  Bedraad: -20 tot 50 C
  Draadloos: 0 tot 40 C

Beveiligingsdetectie › Röntgeninspectie
PRÓTOS Flat Panel System – Logos Imaging

Het PRÓTOS-systeem van Logos Imaging, met de glasvrije PRÓTOS flatpanel-imager, is ons nieuwste ultradraagbare DR-beeldvormingssysteem. Het PRÓTOS-paneel met beeldvorming op vrijwel grondniveau en 16-bits beeldhelderheid maakt het bij uitstek geschikt voor operaties waar de ruimte beperkt is. Met een dikte van slechts 2,2 lb en 0,5″ is dit de kleinste en lichtste imager die wordt aangeboden door Logos Imaging. De veelzijdige PRÓTOS past in een op maat gemaakte rugzak, zodat deze eenvoudig door één operator kan worden ingezet.

Kenmerken van het PRÓTOS flatpanelsysteem
- weegt nog geen 7 kg!
- detectortype: Amorf silicium met TFT
- detectorgebied: 213 x 160 mm
- pixelresolutie: 1024 x 768 pixels
- pixelafstand: 208 µm
- scintillator: gadox
- pixeldiepte: 16 bits
- afmetingen (alleen paneel): 273 x 187 x 13 mm, 1,0 kg
- communicatiebereik: bedraad 50 meter, draadloos 50 meter

WTMD

peo DETECTION

Partner **CEIA**

CEIA is een wereldleider op het gebied van beveiligingsscreeningtechnologieën en is gespecialiseerd in explosievensporendetectoren (ETD's), draagbare metaaldetectoren en walk-through metaaldetectoren (WTMD's). Hun oplossingen zijn ontworpen om hoogwaardige bedreigingsdetectie te leveren in een breed scala aan beveiligingsomgevingen.

Product offering

SMD®600 Plus-MI2

SMD®601 Plus

PMD2 Plus

PMD2 Plus Elliptic®

PMD2 Plus/EZHD

SMD®601 Plus Loss Prevention

Classic Metal Detector

CEIA SMD 600 plus

MSD Magnetic Static Detector – CEIA

HI-PE Plus Multi-Zone Metal Detector – CEIA

Beveiligingsdetectie › WTMD
SMD®600 Plus-MI2

Combined Ferromagnetic and active Metal Detector
The SMD®600 Plus – MI2™ is optimized for the screening of people in applications where simultaneous detection of all metal (magnetic and non-magnetic) firearms and cellphone/smartphone devices, including the most miniaturized, low metal content versions, is required along with high-throughput and a low nuisance alarm rate.

Very High Performance Enhanced Walk-Through Metal Detector

- Detection of all-metal weapons, including light alloys threats
- High-Throughput
- Multizone red signaling

Cell phones detector

- Detection of standard and miniaturized cell phones and smartphones
- Detection of magnetized items
- Multizone yellow signaling

Applications

- Correctional facilities
- Data-sensitive meeting rooms
- Access restrictions enforcement of weapons, cell phones and smartphones
- Loss prevention of electronics devices
- Corporate anti-espionage

The new SMD®600 PLUS – MI2™ combines:

- The well renowned weapons detection and personal metallic objects discrimination performances of the CEIA SMD®600 Plus, 288-channel, NIJ0601.02 fully compliant Walk-Through Metal Detector (WTMD).
- The cellphone/smartphone detection and discrimination capabilities of the new CEIA MSD EVO™, state-of-the-art magnetostatic 18-axes detector that provides unparalleled detection uniformity and immunity against interferences.

On its own, the CEIA SMD®600 Plus WTMD is already a complete and efficient solution for the high-sensitivity detection of any metal weapon and any cellphone/smartphone in applications, such as the correctional facilities, where the inmates to be inspected are metal free or almost metal-free.

SMD®601 Plus

The SMD®601 Plus is a very high sensitive Walk-Through Metal Detector. A full-height light bar displays the location of the detected metal masses in transit. This results in rapid identification of threats and a reduction or elimination of the need for manual searches. SMD®601 Plus detects even the smallest metal items anywhere on or in the body.

## Fully compliant with the NIJ-0601.02 and NIJ-0601.03 standards

The SMD®601 Plus further extends the detection sensitivity of the previous SMD®601 to metal threats before considered undetectable due to their minimal dimensions and metal composition similar to the ones specified in the new NIJ-0601.03 Standard.

Accurate detection of all metallic threat items
- Very accurate pinpointing of individual and multiple metal targets
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Built-in programs to screen visitors and staff for weapons and contraband

New certified ip66 control unit enclosure
- Total compatibility with previous control units
- Robust structure through the use of high-performance polymers for the construction of housing
- Waterproof / Dustproof: IP66 compliant (IEC 60529)
- Exceptional impact resistance at low and high temperatures and resistance to corrosion from atmospheric agents
- Display made with specific polymer to improve the visibility of the LEDs by increasing the definition and clarity
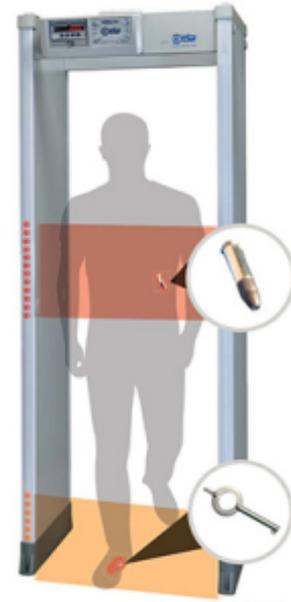
Beveiligingsdetectie › WTMD

PMD2 Plus

Strict requirements and detection needs call for security checkpoints to perform efficiently even under very challenging conditions. The PMD2 Plus detects fi rearms and knives, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition.

Most powerful and versatile security features

Up to 50 built-in Security Programs:

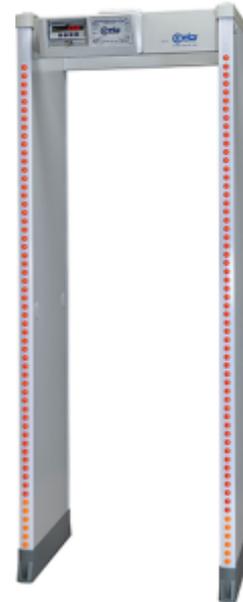- Up to 30 International Standards
- Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the PMD2 Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection.

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.

Beveiligingsdetectie › WTMD

PMD2 Plus Elliptic®

This is a zonal model featuring modern, elegant lines, and can be inserted into the most prestigious surroundings with the minimum visual impact. Easy to assemble and transport, the PMD2 Plus Elliptic® is also recommended for portable use in temporary or itinerant installations. The technology employed allows high discrimination to be achieved even at stringent security levels.

Most powerful and versatile security features

Up to 50 built-in Security Programs:

- Up to 30 International Standards
- Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the PMD2 Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection.

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.

Beveiligingsdetectie › WTMD

PMD2 Plus/EZHD

Strict requirements and detection needs call for security checkpoints to perform efficiently even under very challenging conditions. The PMD2 Plus/EZHD detects fi rearms and knives, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition. The PMD2 Plus/EZHD has a very low nuisance alarm rate even at the strictest Security Standards requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

Detection of all metallic threat items

- Capability to detect the full range of metal weapon threats even within body cavities
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Guaranteed coverage for all orientations and locations, never in need of calibration
- Met-Identity technology for Identification of Threat Composition

High discrimination & throughput

- Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow
- No need to remove items such as belts, coins, keys, jewelry, watches, wallets, etc.
- Better Discrimination = Shorter Lines and Less Staffing

Beveiligingsdetectie › WTMD

SMD®601 Plus Loss Prevention

The SMD®601 Plus Loss Prevention Metal Detector prevents the theft or accidental removal of metallic objects. As people transit the system, their metal content is compared to a saved personal profile.

Quick, accurate analysis of all parts of the body of people in transit

The superior uniformity of the electromagnetic field of the SMD®601 Plus Metal Detector provides very consistent metal detection readings on every transit.

This ground-breaking capability allows for individual creation of personal metallic signatures or metallic "profiles".

True metal content profile for the person being screened

These profiles can be taken while the individual may be wearing non-removable items, like dental works, medical implants, wedding rings and piercings, and are stored in the SMD®601 Plus embedded data base.

These personal profiles are used as a reference for every transit carried out by an individual, allowing detection of small targets while ignoring non-removable personal objects.

Beveiligingsdetectie › WTMD
Classic Metal Detector

The column construction, both attractive and compact, allows it to be inserted with ease into public environments such as, for example, schools and discotheques.
The Classic Metal Detector has an extremely competitive price/performance ratio.

The Classic is a Walk Through Metal Detector designed and engineered to meet the specific security needs of public facilities such as schools, hotels, amusement parks and city halls.

The Classic Metal Detector combines the required Security with a high level of operating efficiency. The leading edge technology features a **high flow rate of people through the gate with the minimum number of nuisance alarms**, as personal effects such as coins, keys and belt buckles can pass through the magnetic field without causing an alarm.

The Classic Metal Detector is **compact and lightweight**, making this portable unit adaptable to any surroundings. The patented cylinder design is aesthetically suitable for the most discrete applications.

This security equipment does not require any special training for normal use, making this **the most user friendly Walk Through Metal Detector in the industry**.

CEIA Metal Detectors have been selected by the leading security agencies worldwide to protect highranking government officials and schools. The Classic **conforms to all International Security Standards** and is capable of detecting both magnetic and non-magnetic weapons.

When security, operating efficiency and affordable pricing are required, the CEIA Classic Metal Detector is the obvious solution.

Beveiligingsdetectie › WTMD
CEIA SMD 600 plus

A high sensitivity Metal Detector that offers characteristics of high discrimination and high detection uniformity.

The SMD 600 plus realizes a quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar. This metal detector accurately pinpoints individual and multiple metal targets with built-in programs to screen visitors and staff for weapons and contraband.

CEIA's cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow with four multi-zone display bars. Each programmable as entry Stop/Go and/or local alarm indication.It is developed with a flexible acoustic alarm signaling system (10 continuous and pulsed tones, 34 special sounds) and 10 alarm volume levels.

The SMD 600 plus has up to 50 built-in security programs: 30 International Standards, 20 with customizable levels. It has a chip card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc) and security level selection. Any security standard can be enhanced with a selectable random alarm probability.

Characteristics
- Very High Sensitivity
- Excellent discrimination of personal metal effects
- Fully compliant with, and exceeding, the NIJ-0601.02 Standard
- Very high throughput in high security public screening checkpoints
- Exceptional Immunity to external interferences
- High precision bidirectional counter with automatic rescreening compensation

Advantages
- Continuous self diagnostic system
- Proven reliability
- No periodic re-calibration and preventive maintenance required
- No scheduled maintenance
- Fully digital design
- State-of-the-art, robust and washable panels

- Protected against aging, weather and wear
- Ergonomic and robust design
- High visibility alphanumeric display and programming keyboard
- Made of advanced plastics or stainless steel and anti-vandalism construction (option)
- Access to the front panel protected by hardware key and 3 levels of passwords

Beveiligingsdetectie › WTMD

MSD Magnetic Static Detector – CEIA

Highly Portbale Cell Phone Detector

The illegal use of cell phones is a growing and dangerous problem in correctional institutions worldwide. These devices are a significant threat to prison security and circumvent the monitoring processes in prisons, while allowing inmates to commit new crimes both inside and outside the facility. The MSD was specifically designed to detect all cell phones and ferrous contraband concealed on the person or in body cavities (including key fob cell phones, smart phones, radio transceivers, etc.) quickly and easily. The one-piece design allows the MSD to be easily transported and operational in 10 seconds.

Advantages

Video
- detection of magnets and ferromagnetic metals
- carrying case for personal transport and storage
- full-height, 360° detection (horizontal & vertical)
- 5 individual zones for pinpointing locations of contraband on the body
- covert operation through use of BT wireless communication headset
- fully weather proof for outdoor use
- 24 hours typical / 26 hours max. of continuous battery operation with 4.5 hours charge
- one-piece and lightweight design (total weight only 21 lbs with batteries included) easily transportable by one person
- unmatched detection in all environments without adjustment
- extremely durable design using stainless steel and high impact reinforced plastics
- anti-tip suction cups for securing to smooth floor surfaces (included)
- non-emitting device: safe for use for pace-makers and other medical implants
- throughput: 60+ people per minute (based on uninterrupted flow, separately alarms resolution)

Check the datasheet for specifications

Would you like more information or a demonstration?

← Back to partner

Beveiligingsdetectie › WTMD

HI-PE Plus Multi-Zone Metal Detector – CEIA

The HI-PE Plus walk-through metal detector provides accurate detection of all metals, high level of discrimination of non-threat items, full compliance with the latest Security Standards and exceptional immunity to external interferences.

The HI-PE Plus has a very low nuisance alarm rate even at the strictest Security Levels requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

Accurate detection of all metallic threat items
- Capability to detect the full range of metal weapon threats even within body cavities
- 60 localization zones: 20 vertical; 3 lateral
- Met-Identity technology for Identification of Threat Composition

The most advanced Security Standards require detection of all ferrous and non-ferrous metal weapons and of those constructed in special non-magnetic alloys. The HI-PE Plus detects firearms and knives of this type, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition. Inspection personnel thereby acquire thorough knowledge of the metal item and can act, according to procedures, with maximum effectiveness and security.

Most powerful and versatile security features

The metal detector has up to 50 built-in Security Programs:

- Up to 30 International Standards
- Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the HI-PE Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection.

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.

High discrimination and throughput
- Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow
- No need to remove items such as belts, coins, keys, jewelry, watches, wallets, etc.
- Better Discrimination = Shorter Lines and/or Less Staffing

The transit volume magnetic scanning system, invented by CEIA and applied since production of the first zonal Metal Detectors in 1986, allows state-of-the-art detection and discrimination results.

The HI-PE Plus has a very low nuisance alarm rate even at the strictest Security Standards requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

New WTMDs IP66 Control Unit
- New integrated design
- Total mechanical compatibility with IP20 (plastic) and IP65 (stainless steel) control units:
    - Dimensional
    - Installation
    - Wiring
    - Chip card
- Robust structure through the use of high-performance polymers for the construction of housing
- Waterproof / Dustproof: IP rating IP66 compliant
- Exceptional impact resistance at low and high temperatures and resistance to corrosion from atmospheric agents
- Display made with specific polymer to improve the visibility of the LEDs by increasing the defi nition and clarity

Unique alarm signalling
- High visibility of the control unit and the zone indication independent from the operator position and the installation environment
- Flexible Acoustic Alarm Signaling System: 10 Continuous and Pulsed Tones; 34 Special Sounds
- 10 Alarm Volume Levels
- Very High Precision Transit Counter

Accurate signaling is essential for best operation and flow management. The detector provides the user with fully-programmable signaling. Both entry-points can indicate with a high level of accuracy, even simultaneously, the vertical and lateral areas of transit of the threats detected, and can also be configured as 'traffic lights' to control transits through the detector.

Rapid installation
- One touch guided automatic installation (OTS)
- Innovative function assisting the installation through an automatic step-by-step procedure
- Continuous self diagnostics assures monitored performance reliability

If you want to read more about this detector, take a look at our partner's site!

Partner **3DX-RAY**

3DX-RAY is een toonaangevende leverancier van geavanceerde röntgenbeeldvormings- en detectietechnologieën, gespecialiseerd in Direct Radiography systemen en Walk-Through Metal Detectors (WTMD) voor beveiligings- en inspectietoepassingen. Hun oplossingen zijn ontworpen om duidelijke, nauwkeurige detectie van bedreigingen te bieden in een breed scala van operationele omgevingen.

Product offering

AXIS™ boog Metaal Detectors

Walk By Metal Detector
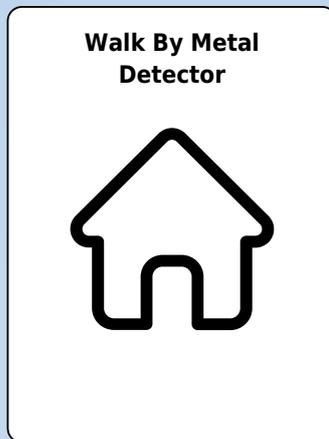
Beveiligingsdetectie › WTMD

AXIS™ boog Metaal Detectors

PRODUCTBESCHRIJVING

De AXIS™ boogdoorloopsystemen zijn metaaldetectoren met onafhankelijke detectiezones.

Ze werken goed voor verschillende toepassingen en zijn eenvoudig te installeren en te gebruiken, zoals:

- Ingangen van gebouwen
- Gevangenissen
- Luchthavens
- Lobby's van hotels
- Banken
- Locaties van evenementen

KENMERKEN

- Zeer gevoelige digitale metaaldetectoren
- Keuze uit verschillende detectiezones
- Snelle analyse van metalen voorwerpen

Beveiligingsdetectie › WTMD

Walk By Metal Detector

PRODUCTOMSCHRIJVING

De beproefde optie met uiterst efficiënte ferromagnetische detectietechnologie (FMDS) voor het detecteren van wapens, mobiele telefoons en smokkelwaar.

Het is perfect voor penitentiaire inrichtingen om te helpen bij het bestrijden van smokkelproblematiek in verband met hiaten in traditionele beveiligingssystemen, omdat het gemaakt is om te voorkomen dat zowel grote als kleine vermomde smokkelwaar aan detectie ontsnapt.

KENMERKEN

- Metaaldetector