VIDISCO

LEADING X-RAY SOLUTIONS

World Leading Portable X-Ray Solutions

Vidisco Ltd., since 1988, has been designing and manufacturing real user-oriented portable x-ray systems, along with a line of accessories providing solutions for every situation. Vidisco leads the user-oriented design with its software, hardware and overall system configuration, reliability in the field, ease of use and top quality imaging capabilities.

Vidisco's portable x-ray inspection systems provide solutions for various situations and applications. Many security operators around the world have been using Vidisco's systems as they have a proven track record in the field of being reliable and durable. They are used in applications such as: Military and Police EOD, urban security, VIP protection, customs and border control, transit security, forensics, fire investigation and more. Vidisco systems are currently being used in over 75 countries as they offer the operator safe control from a distance, quick setup and prompt results, only one downrange approach and a variety of accessories to handle various situations.

We, at Vidisco, strive to make the most innovative, useful x-ray technology accessible to all budget categories, while providing users with safe, reliable, high-value products and services.

VIDISCO

Portable Digital X Ray Systems

With Vidisco's fully portable x-ray systems, the user enjoys years of real experience gathered by users throughout the world. Knowledge, experience and technology are integrated, creating a reliable, field-ready, user-friendly design. Vidisco systems are ready for the field as they fit in a single case or backpack.

- Fully battery operated
- Reliable and stable in rough conditions
- Provides the best quality images in seconds
- Requires minimal radiation
- Safe to operate from a distance

With a variety of complimentary accessories, the user finds a solution for every situation – organic detection, quadrupling the imaging area without re-approaching down-range, working wireless in urban areas with interferences, working with low radiation energies and much more.

Variety of Flat Panel Imagers
Interchangeable // Top Quality Images // Various Sizes & Features
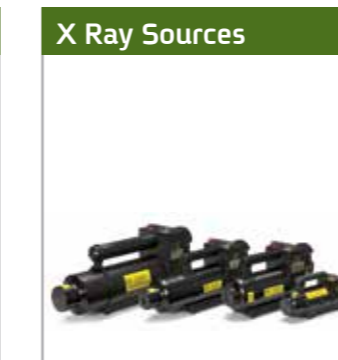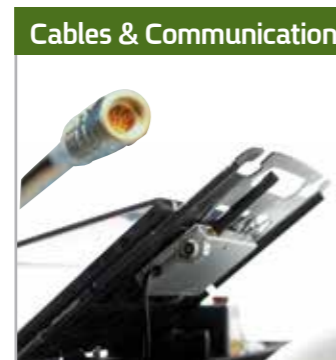
Portable X-Ray Unit & CAT (Command & Transmission)
High Power WiFi // Can Work with Any X-Ray Unit // Extra Battery Power

Rugged Case
Fully Portable Single Carrying Case // Optional - Backpack

Accessories	Cables & Communication	Backpack & Cases	Computers	X Ray Sources	DR Imagers	CCD Imagers	Computed Radiography (CR)

VIDISCO Systems – World Leading Imagers for Every Need

	Penetration: XRS-3 @ 25 cm	Imaging Area	Imaging Area Position	Imager Size: (h,w,d)	Imager Weight:	Dynamic Range:	Resolution:
Alpha	2mm lead behind 80mm of steel	430 X 350 mm (~17 X 13.7")	12mm from Left & Bottom Borders	459 X 383 X 15.6mm (~18 X 15 X 0.6")	3 Kg (~6.6lbs)	16 bit (65,536 Grey Levels)	148 µm (~3.5 lp/mm)
FlashX	2mm lead behind 80mm of steel	432 X 342 mm (~17 X 13.5")	30mm from bottom and sides	466 X 488 X 25.5mm (~18.3 X 19.2 X 1")	4.8 Kg (~10.6lbs)	16 bit (65,536 Grey Levels)	144 µm (~3.5 lp/mm) (also behind 3mm of steel)
SparX	2mm lead behind 75mm of steel	325x260mm (~12.7 x 10.2")	8.5mm from Right & Bottom Borders	459 x 383 x 15.6 mm (~15.15"x12.6"x0.7")	3.3kg (7.27lbs)	16 bit (65,536 Grey Levels)	127 µm (~ 3.9 lp/mm)
RayzorX	2mm lead behind 70mm of steel	222 X 222 mm (~8.7 X 8.7")	5mm from bottom 7mm from left side	360 X 330 X 13mm (~14.2 X 13 X 0.5")	3.5 Kg (~7.7lbs)	14 bit (16,384 Grey Levels)	143 µm (~3.5 lp/mm)
BoltX	2mm lead behind 60mm of steel	145 X 114 mm (~5.7 X 4.5")	6mm from bottom and sides	195 X 125 X 34mm (~7.6 X 4.9 X 1.3")	1.5 Kg (~3.3lbs)	14 bit (16,384 Grey Levels)	75 µm (~6.6 lp/mm)
FoXraylle	2mm lead behind 30mm of steel	VCU-10e: 19 X 25cm (~8 X 10") VCU-16e: 30.5 X 40cm (~12X 16")	1.5mm from bottom 2mm from sides	VCU-10e: 38 X 26 X 14cm (~14.9 X 10.2 X 5.5") VCU-16e: 56 X 41 X 21cm (~22 X 16 X 8.2")	VCU-10e: 5.55 Kg (~12.2 lbs) VCU-16e: 10.80 Kg (~23.8 lbs) including battery	10 bit (1,024 Grey Levels)	~1.4 lp/mm

All configurations (except chaser) include*:

Flat panel and ICU-X/ or VCU , operating system, 3m ICU to imager cable (for flat panels), AC cables, X-ray cable (default: Golden), laptop, Interface Box, CDU to Imager Cable (on reel), Xbit proprietary software, backup and definition on USB stick, complimentary Vidisco Images Viewer, Imager holder , shoulder strap, user manuals on USB stick & quickstart guide in English, 2 years warranty.

* Configurations are subject to package, market changes and manufacturer specifications

Versatile Use with a Smart Line of Accessories

Versatile Use with the Smart Accessories Line

Cases & Backpacks

Transport all system components easily and securely. Work with cable or wireless from the same case. Room for XRS-3 portable X-ray source (or smaller) available. Backpack - ideal for working in field conditions. A -20° Celsius (-4°F) configuration is available; a civilian case for easy, inconspicuous transportation; and a chaser configuration - an additional Imager to an existing system

Sliders – Larger Imaging Area

The Sliders allow you to get 4 times the imaging size in just one approach and one x-ray command. It is a self-standing, battery free, wireless solution. The images appear in just seconds giving the end user a ready tiled image. Available for RayzorX, SparX and FlashX.

WiFis

Vidisco offers a range of WiFi accessories to free the operator from any cable use. Combined with wireless imagers, it is now possible to go completely wireless. Reliability and stability for long distances or urban areas is made possible with the newly designed, unique and compact High Power WiFiX. Accessories include source wireless x-ray and panel-computer wireless communications.

Tablets & Computers

Every operator's needs are unique, therefore Vidisco has made available three types of computers for controlling and operating the system: Rugged toughbook, standard laptop and rugged tablet which is especially customized for powerful, comfortable field work.

Combox – Power & Communication

All in one power and communication box, enables to operate the system wired or wireless without the need for extra devices. The Combox, small and lightweight at only 400g (~0.8lbs) and just 30mm (~1.2") in thickness, provides charging capabilities down the line and is removable as well, so it can be connected to different display units (laptops & tablets) through a single USB3 (detachable) connector.

Organic Detection

Create Dual Energy (DE) images with a Golden Engineering Pulsed X-ray source. The fully automated process enables you to see different materials in easy to identify colors. Includes built in wireless and supporting software features such as a probe and user friendly x-ray/DE viewing.

Covers & Holders

We know it's the little things that go a long way when out in the field, so we designed a variety of aids to make work easier: A variety of panel covers, various holders for imagers and WiFi modules, tripod mount accessories and more.

Cables & Reels

If you choose to work wired, you can deploy any length needed up to 200m with the SmartX150, or go shorter with our regular or extension cables. All cables are designed to last and hold strong with silicon spheres for safeguarding the main reel's connectors, a RayzorX cable connector cover and top quality lemo connectors throughout the system.
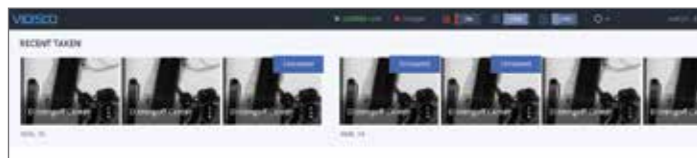

CAT

Command and Transmission unit – smaller, better, stronger. The operator will enjoy improved battery power, extended WiFi capabilities, reduced size from previous interface command unit and comfortable attachment to any Golden X-Ray source, among other user friendly features to be included. Stay informed at vidisco.com

VEO - New Intuitive Operating Software

User friendly operating software for easy and safe x-ray inspections. Vidisco is launching its new software after a long process of studying user feedback and experiences. The new software make sure you get the best images, as quickly as possible, with clear work flows and a simple user friendly interface.

VEO was designed with the user in mind. It is compatible with real life situations: Operating under extreme sunlight, heavy gear and high pressure environments. VEO makes sure the user needs are met so he can get the job done fast, safe and right. All previous software features are included, in an improved design and easier operation flow.

Take the images you need without getting lost in the process. Change only the most critical parameters for fast re-shooting and safe operation, always knowing if your system is online and ready to go.

Get the image you need in one convenient click. The functions proven as most useful are ready (with pointer or touch), showing you in real time the effect of your image enhancements.

Never lose a shot with all images automatically saved for a set period of time. Work fast and clean up later or quick-save with a click what you need and leave the rest to be cleaned automatically. The software will do the work for you.

Automatic Window Leveling

The Automatic window Leveling function enables viewing the full scale of 14-16 bit images on an 8 bit computer screen. The raw image is not altered. Optimum range, in which most of the information can be found on the image, is automatically reviewed with a click of a button. Manual adjustments are available via a user friendly window.

Automatic Stitching

For fast automatic "sewing" together of image parts at the pixel level. Viewing large objects on one screen. Saves hours of work. Whether grabbing X-ray images to be stitched in advance or stitching together images after they have been saved in the database, the process is fully automatic. Stitching allows X-raying large objects, no matter the size of your imager.

Dual Energy X-ray

Automatic organic/inorganic detection at a click of a button, in combination with the XR-DE Plus Module. Used globally for years, providing dual images generated with pulsed X-ray sources and at an energy level of up to 370kV. Unique "Probe" function, peals off the external layer to reveal organic substances even if they are located inside (behind a layer of) metal containers .
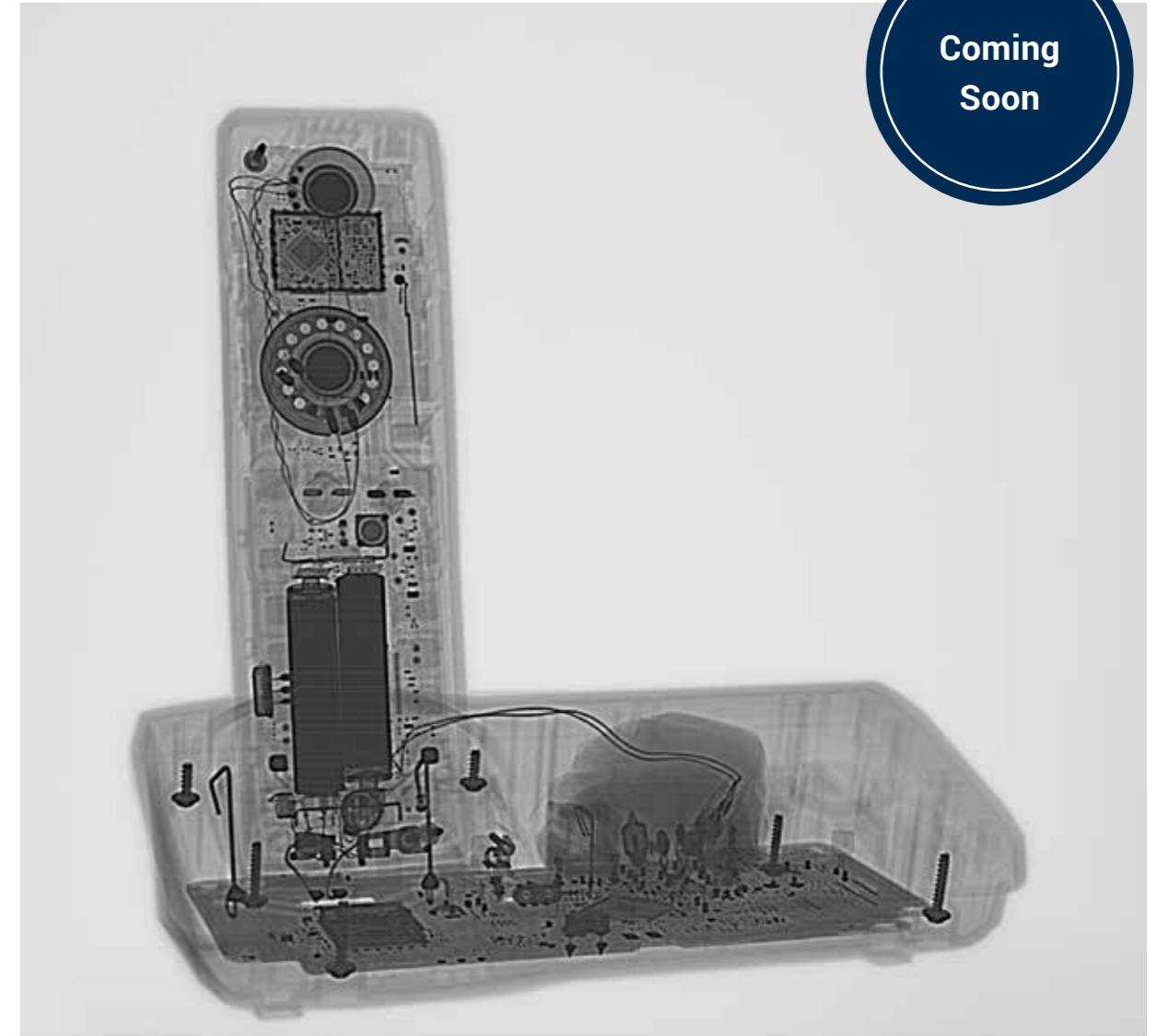
VIDISCO - Xploring New Dimensions

Vidisco is leading the way with new, ground-breaking technology, which allows the user to see the 3rd dimension, while out in the field. Eliminate doubt speculation by getting an in-depth look into your object; slice through and measure in any direction. News to come in 2016 - ask Vidisco's sales team for more info security@vidisco.com or check for updates online: www.vidisco.com

Leading the Market with a Revolutionary 3D X-Ray System

Solutions

Vidisco's portable digital X-ray systems are world renowned for reliability and safety, with a proven track record. Durable and tough, the systems have been used in the field in over 75 countries for nearly 30 years. These X-ray systems are used for various challenges:

Military EOD/IED

Vidisco's portable digital X-ray systems enable inspection of suspicious objects in harsh environments and in all weather conditions. The X-ray process is fully controlled from a safe distance, thus tackling the unknown threat with maximum operator safety. Only one approach downrange is required (or no human approach when using an ROV).

Police EOD/IED

Police security operators are required to deal with urban threats under enormous pressures. Vidisco's portable X-ray systems offer various inspection tools and highest quality images on site, which facilitate taking informed decisions on the spot.
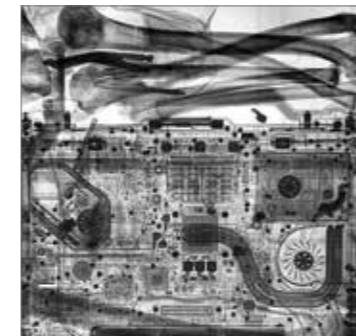

Full Robot Integration

Vidisco's portable digital X-ray systems can be integrated with the most popular EOD robots, facilitating no human approach downrange and control of the X-ray process via the communication system of the ROV.

Customs & Border Control

X-ray inspections help prevent law suits, as inspected vehicles remain intact. Vidisco portable digital X-ray facilitate thorough inspection of objects, while ensuring the flow of goods and transport due to fast results. The Vidisco system can be easily placed in spot chase border control on main roads.
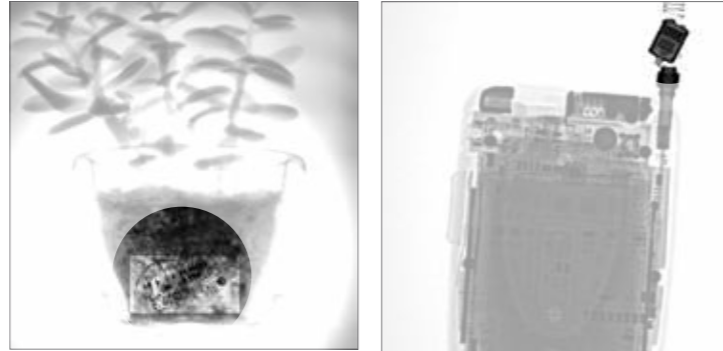
Forensics

Vidisco's Portable X-ray systems offer the CSI and forensic investigators a cutting edge tool to gather X-ray evidence on site and in the laboratory in real time. Wireless communication modes enable inspection without contaminating the crime scene.

Solutions

VIP Protection

The easy, fast setup of Vidisco's portable digital X-ray systems and the immediate images they provide on site, help the VIP protection teams clear zones unobtrusively, enabling discrete inspection of suspect objects in any location. Special software functions enable detection of listening devices and facilitate delineation of a variety of objects.

Training

Get professional IED and contraband dummy items kit for training purposes, with real mechanisms to get realistic x-ray results. A special selection of EOD and border control props provides the opportunity to get unique training tools for the best operating and identification methods. For courses or for training new members of a unit; for periodic refresher training or presenting purposes – use the new EOD/IED Training Kit and Customs/Drugs Training Kit.

A Range of Technologies with Competitive Prices

No solution is complete without meeting budgetary requirements. Vidisco offers a range of technologies to suit any budget.

Alpha

The new portable x-ray system to join Vidisco's line of flat panel Imagers. This system offer the largest imaging area flat panel (35x34cm / ~14 x 17") that has a competitive price tag. Stay informed at vidisco.com.

SparX

Vidisco's new portable x-ray system comes at a competitive price with all the advantages of our flat panel imagers line. Superb image quality and resolution, durability, design for field use, instant results and more. All available at a competitive price to suit many budget categories interested in getting a top-of-the-line flat panel DR system..

Vidisco CR

NEW! Computed radiography – superb image results, multiple pictures possible with one x-ray shot and quick scanning results. CR offers all the benefits while keeping a cost effective price.

FoXrayIIe

CCD technology based systems currently being used worldwide for security needs. Extremely reliable and durable– these systems provide adequate image results and all the benefits of Digital Radiography, Vidisco's software and overall configuration, at an affordable price.

VIDISCO
Here for You

Find out what we can do for you

- ✱ Get a personalized **demo** at your location, with Vidisco's worldwide network of local distributors

- ✱ Ask for a professional **evaluation** of your application and an analysis of which configuration suits your needs

- ✱ Send a sample for **testing** and see the results you can get working with Vidisco's systems and accessories

- ✱ Ask for an **official quote** from our sales team:
  - ✅ security@vidisco.com
  - ✅ www.vidisco.com

Portability	Highest Image Quality	Advanced Technology	Safety	Instant Imaging	User Friendly Operation	Field Design