

# FlashX Large Imaging Area Digital X-ray



- 80mm of Steel Penetration Using XRS-3!
- Top-Quality Images with a Single Click
- Built-in 300m Wireless, 1500m Optional
- Increased Safety, Lowest Dose per Image
- Lightweight, Thin, Robust Digital Flat Panel
- 100% Portable, Over 5 Hours of Battery Operation on One Charge

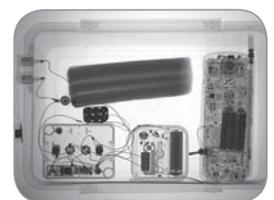


## FlashX

The unique combination of attributes which Vidisco's **FlashX** system has to offer makes it the best choice in the market for security field use. Equipped with a robust thin imager with 342 X 432 mm imaging area, the system captures instant, top-quality images in all weather conditions. Incorporating a penetration level of 80mm of steel (using Golden XRS-3), **FlashX** produces the highest level of detailed X-ray imaging for immediate, accurate detection and informed decision-making, while requiring low dose levels. **FlashX** is the safest solution for security operators.

The **FlashX** system was designed with your specific security needs in mind. Lightweight and thin, it can be carried anywhere in a single case or backpack, and fit into tight spots. Setup is easy with just one cable pushing power and data down the line. Only one approach to the suspect object is needed. Smooth and rapid operation is ensured thanks to full battery operation and a wireless range reaching 300m line of sight (plus an added option of up to 1500m).

A single power inlet - AC or DC when using a vehicle inverter - provides power and automatic charging for all system components over a prolonged period of time.



# FlashX Large Imaging Area Digital X-ray

## Robust Field Design

The carrying case serves as the system's operational platform, requiring only one cable to link between the ICU and computer, or when using Vidisco's wireless solution.

Vidisco's ergonomic backpacks enable the operator to carry the FlashX Imager based portable X-ray system to any inspection site.

All Vidisco cases and backpacks provide an operational platform.

The extended temperature range configuration enables the rugged **FlashX** system to operate within a wide range of -20°C to +40°C (-4°F to +104°F).



## Fully Battery Operated, Seamless Wireless

Providing DC down the line, the system is powered and charged on the same lightweight 50m cable used for data transmission. Operation is unlimited when using external power supply and battery operation duration is over 5 hours.

With operator safety a primary consideration, Vidisco's proprietary Power Down the Line eliminates the need for any repeated approach to change dead batteries down range.

Vidisco's unique wireless solution offers fast transmission at a range of 300m line of sight with an added option of up to 1500m.

The image is automatically stored in the ICU so that in the event of any WiFi blockage, the original image is resent to the laptop, preventing the need for a reshoot.

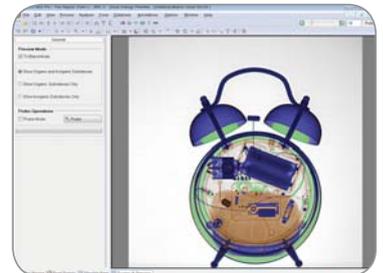


## Fully Compatible Accessories

The battery-free Vidisco XR-DE *Plus* module is the only proven unit in the world to provide highly reliable organic/inorganic differentiation results.

A proven accessory available on the market since 2008, it can also be operated with built-in wireless with any of the Golden X-ray sources: XRS-3, XR-200 and XR-150.

All system components (ICU, panel and laptop) can be charged by using an external power source (AC socket or DC/AC car inverter). An external power source enables operation for an unlimited amount of time.



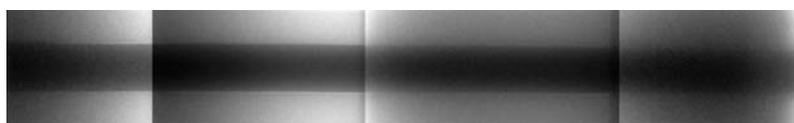
+



= 200m

200m cable (150m extension + a standard 50m cable on case removable reel) provides long range cable transmission.

## Excellent Penetration, Crystal Clear Images



30mm

40mm

60mm

80mm

Outstanding penetration capabilities with **FlashX**: 2mm of lead visible behind 80mm of steel with a Golden XRS-3.

## See the Threat

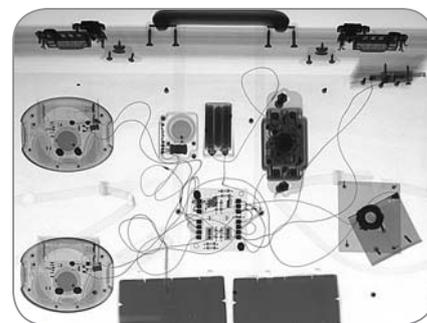
The **FlashX** system generates the highest quality images available in the market, with 16 bit (65,536 grey levels) dynamic range and 3.5 lp/mm resolution. Vidisco's **XBit** proprietary software enables maximal information extraction for immediate and informed decision making.

## Xbit

- **800% Zoom** - 800% zoom exposes extra fine details. Despite the enlargement, details remain smooth, with no digitizing effect.
- **Simple to Operate Enhancement Features** - Easy-to-use, single click image enhancement software features such as Window Leveling, Adaptive Histogram, Stitching and more (raw image remains unchanged).
- **Comprehensive Database** - X-ray image records include external images, working conditions info, time and dates. Easy search/ query and image sharing.
- **Excellent Signal-to-Noise Ratio** - Top-level SNR enhances detail visibility.



Pipe Bomb



IED Case

### Technical Specifications\*

Imaging Area:	342 X 432 mm (~13.5 X 17 inch)
Imager Size:	466 X 488 X 25.5 mm (h,w,d) - Thin, Robust Large Area Imager 18.3 X 19.2 X 1.0 inch
Imager Weight:	4.8 Kg (~10.6 lbs.)
Image Sensor Type:	Amorphous Silicon (a-Si) Digital Detector Array (DDA) Flat Panel Imager
Dynamic Range:	16 bit (65,536 Grey levels)
Resolution:	3.5 lp/mm (even behind 3 mm of steel!)
Case Dimensions:	86 X 56 X 33 cm. l, w, d (33.8 X 22 X 13.3 inch)
Power Supply:	Over 5 hours of battery operation on one charge/ AC 110/220V for unlimited period of time Self charging during AC operation
Optional Accessories Available:	<b>WiFi X:</b> Digital Wireless System - connecting laptop to ICU/imager 300m (line of sight) <b>WXR:</b> Wireless X-ray – eliminates cable connection to X-ray (Golden) <b>DC/AC Car Inverter:</b> For unlimited power supply from a vehicle - power down the line <b>Tripod Mount:</b> Compatible with any standard tripod ** <b>External Camera:</b> For external color images & video
Software:	Easy to use, advanced proprietary <b>Xbit</b> software for security applications

\* System configuration is subject to market changes and manufacturer specifications

\*\* Tripod not provided