



HI-SCAN 6040 DV – Dual-view X-ray screening at its best

PRODUCT HIGHLIGHT: HI-SCAN 6040 DV

HI-SCAN 6040 DV: The dual-view X-ray scanner delivering exceptional image quality, automatic weapon detection and easy integration into tray handling systems

KEY BENEFITS

- Dual-view X-ray with high-definition imaging
- Smart display functions - accurate and fast decisions
- Optional automatic weapon detection
- Easy integration into tray handling systems
- Highest level of cyber security
- Compact footprint – weight 820kg/1808 lbs

EVOLVING TECHNOLOGY

Conventional X-ray screening technology is constantly evolving and the new HI-SCAN 6040 DV delivers refinements on many levels.

It is an advanced dual-view X-ray inspection system for automatic detection of explosives and liquids. The dual-view increases operational efficiency by eliminating the need to re-position or re-scan objects.

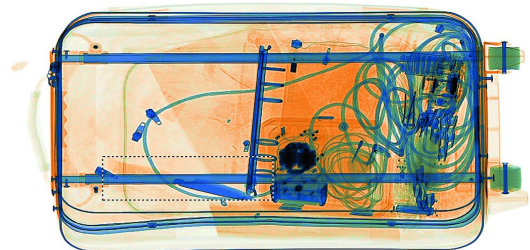
The HI-SCAN 6040 DV offers excellent steel penetration (35mm/1.38”) and superior image resolution with minimal distortion. Smart display functions such as Organic Only Plus, Organic Stripping Plus and Organic Enhancement support accurate and rapid discrimination between organic and inorganic substances.

In addition, the new Optimised Background Contrast function enables images to be viewed on a darker background rather than the legacy white, making object identification significantly easier. The 24” (120 Hz) monitors hold more information to expedite image evaluation and reduce motion blur. Long objects can be fully displayed using the Zoom Out feature.

AUTOMATIC DETECTION

ECAC certified EDS CB C1 and LEDS algorithms - in combination with the optional iCMORE weapons capability for automatic detection of pistols, revolvers, gun parts, flick, and fixed blade knives – will elevate security, efficiency, and automation, without requiring additional hardware.

Automatic detection provides valuable real-time assistance to image analysts, reduces the need for training and is particularly helpful for less experienced operators.



iCMORE Weapons detecting a ceramic knife in a suitcase

With a relatively low weight (820 kg/1808 lbs) and a compact footprint which fits through doorways of 900 mm (35.5”), the HI-SCAN 6040 DV is particularly suitable to be deployed in restricted spaces.

CYBER SECURITY BEST PRACTICES

Data security features and controls on the HI-SCAN 6040 DV include operating system hardening and a host-based firewall to block unwanted network traffic. TripWire security controls monitor system integrity, raising an alert if unauthorised changes are detected. Sensitive data is also protected by strong encryption algorithms. Individual certificates are created to enable access to the software by technicians.

ISO 27001 certification and annual audits ensure Smiths Detection product development, production and business processes consistently follow the highest information security standards, ensuring customer data and assets are well protected from cyber-attacks.

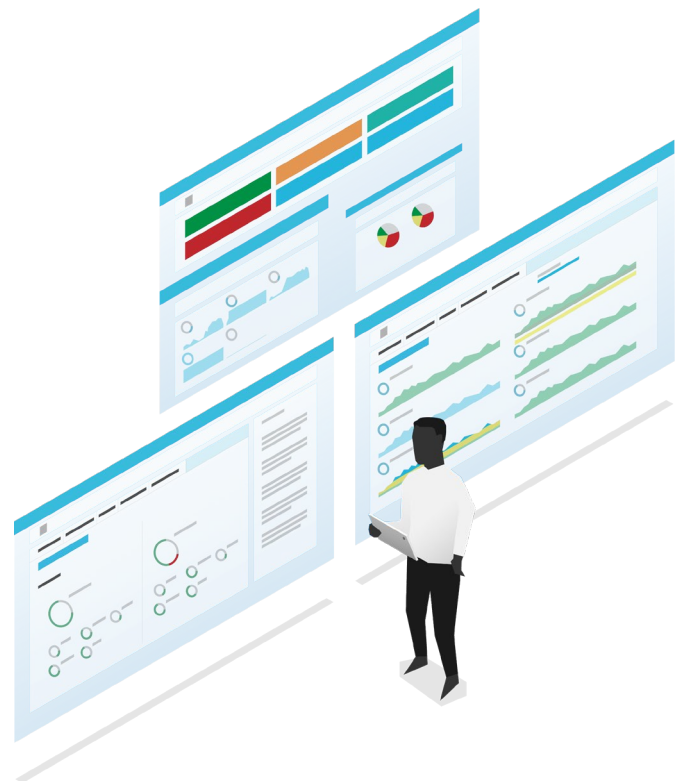
EASY INTEGRATION FOR IMPROVED EFFICIENCY

Easy integration into Smiths Detection or third-party tray handling lanes makes the scanner an ideal choice for high-throughput applications.

Integrating the HI-SCAN 6040 DV into the [Checkpoint.Evo^{plus}](#) screening and management platform is straightforward and enables actionable operational data insights and health status monitoring as well as centralised screening.

Checkpoint.Evo^{plus} provides the real-time data needed to improve resource allocation, identify and remove bottlenecks in the screening process.

Networked images can be collected from all security lanes and delivered to a team of operators based at a remote location, away from the distractions of the busy checkpoint.



MORE TO COME

In addition to the HI-SCAN 6040 DV, [iCMORE](#) Weapons is also available for the HI-SCAN 6040 CTiX, the HI-SCAN 6040aTiX and the HI-SCAN 6040-2is.

The iCMORE family of automatic object recognition algorithms will continue expanding to include a larger range of scanners and additional items (e.g. currency).

GET IN
TOUCH

If you would like to know more about the HI-SCAN 6040 DV and how we help make the world a safer place, you can get in touch at:

www.smithsdetection.com/products/hi-scan-6040-DV