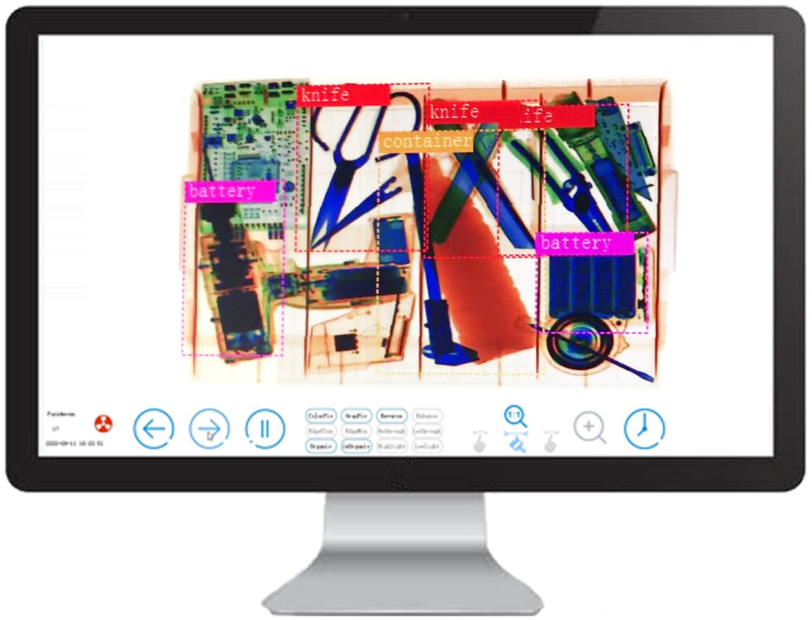
HQXSS02-AI

AI THREAT DETECTION SOFTWARE ALLOWS X-RAY INSPECTION SYSTEM TO QUICK AND EFFECTIVE SCREENING OF THE POSSIBLE THREATS



QINY's AI threat detection software is an unique artificial intelligence based solution, it can assist x-ray scanners to detect the possible prohibited items in real-time in the process of the inspection, and provide accurate & reliable and high-speed detection, and reduce the human factor and operator strain, while dramatically improving the overall screening experience. This is a piece of very effective & reliable security equipment.

KEY FEATURES:

- AI-based intelligent detection
- Intuitive user interaction and navigation
- Transforms operator into observer
- Reduced Operator Strain
- Reduced Stress on Public
- Minimal false alarm rate
- High quality images
- Real-time self-diagnostics
- Automatic gun and other suspicious items detections

Detection Type	Controlled Knives	Guns	Explosives (firecracker)	Explosives (cracker)	Battery Phone	Container Bottles	Laptop	Suitcase
Picture								
Quantity	13	8	2	6	/	/	/	/
Accuracy	95.83%	94.05%	94.86%	94.86%	91.92%	95.08%	98.06%	99.50%

image provided for illustrative purposes only

With continual development of our products
XQINY reserves the right to make changes to the design and specifications as any moment and without notice

KEY FEATURES

Excellent pre & post sale support	QINY has own research and development skilled professional on x-ray field, that can supply excellent pre & post sale support to meet the needs of clients.
Automatic identification of suspicious objects	Unique software algorithms enable automatic highlighting of such objects as guns, explosive, containers as well as opaque areas where dangerous object may be concealed. These function dramatically improves the detection efficiency.
Real-time selfdiagnostics	The state of all important components is controlled non-stop allowing the systen being kept oprational.
Quick start-up and shutdown	The system is ready for operation within 30 seconds. It is also possible to shutdown it instantly.
Multilanguage interface	Chinese, English and any other language on request.
AI-based detection	The QINY AI Automated X-Ray Baggage Scanner utilizes unique Artificial Intelligence (AI) software to assist in the Inspection process.
3 color imaging	The system adopted typical 3 colors imaging (organics /inorganics /metals),Based on atomic number, the material items are labelled and displayed as 3 color imaging.

Z-Number	Material Type	3 Color	Examples	Possible Threats
0-8	Origanic	Orange	Wood, oil	C-4, TNT, Semtex
8-10	Low Inorganic	Orange	Paper	Cocaine, Heroin
10-12	High Inorganic	Green	Glass	Propellants
12-17	Light Metals	Green	Aluminum, silicon	Gunpowder, trigger devices
17-29	Heavy Metals	Blue	Iron, steel	Guns, Bullets, Knives
29+	Dense Metals	Blue	Gold , Silver	High-Value Contraband
-	Impenetrable	Black	Lead	Shielding for Above threats

FIND THE X-RAY SCANNER PRODUCT FOR YOUR NEEDS

Model	Tunnel Size (W*H) mm	Single Energy	Dual Energy	Single View	Dual View	AI Analysis
HQXS5030	506*301		●	●		
HQXS6040	606*401		●	●		
HQXS6550	656*501		●	●		
HQXS8065	803*655		●	●		
HQXS10080	1001*808		●	●		
HQXS100100	1001*1008		●	●		
HQXS5030-AI	506*301		●	●		●
HQXS6040-AI	606*401		●	●		●
HQXS6550-AI	656*501		●	●		●
HQXS8065-AI	803*655		●	●		●
HQXS10080-AI	1001*808		●	●		●
HQXS100100-AI	1001*1008		●	●		●
HQXS6550DV	656*501		●		●	
HQXS10080DV	1001*808		●		●	
HQXS100100DV	1001*1008		●		●	
HQXS150180DV	1505*1800		●		●	
HQ5030A	503*301	●		●		
HQ6040A	603*401	●		●		
HQ6550A	658*500	●		●		
HQ8065A	805*653	●		●		
HQ10080A	1005*807	●		●		
HQ100100A	1005*1003	●		●		

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QINY®

X-RAY BAGGAGE INSPECTION SYSTEMS

- AIRPORTS
- HOTELS
- HOSPITALS
- SEAPORTS
- SHOPPING MALLS
- LAW ENFORCEMENT
- METROS / RAILWAYS
- TOURIST ATTRACTION
- GOVERNMENT BUILDINGS
- MAIL ROOMS/ LOGISTICS CENTER
- STADIUMS/ PUBLIC EVENTS
- SCHOOLS / UNIVERSITIES
- BORDER / CUSTOMS
- VIP RESIDENCES
- SECURITY CHECKPOINTS

XQINY HQXS product line was especially designed to meet the modern requirements of security providing innovative and effective screening solutions.

The XQINY Dual Energy X-ray Inspection System allows operators to detect weapons, guns, explosives and dangerous objects representing a safety hazard.

The XQINY AI Automated X-ray baggage scanner utilises unique Artificial Intelligence threat detection software to assist in the Inspection process and reduce the human factor while dramatically improving the overall screening experience.

Mails, parcels, baggage, small and large cargo inspection systems comprise a wide range of tunnel sizes, conveyor heights and load capacities incorporating in almost any security screening infrastructure. The full mutual integration of XQINY products creates the most comprehensive inspection checkpoints.

HQXS5030

COMPACT &LIGHTWEIGHT X-RAY INSPECTION SYSTEM FOR QUICK AND EFFECTIVE SCREENING OF HANDBAGS AND PARCELS

KEY FEATURES:

- Compact and lightweight
- Dual-energy x-ray image fusion
- Reduced operator strain
- High-quality images
- Energy saving design
- Real-time self-diagnostics
- Easy-to-operate and user-friendly interface
- Automatic gun and other suspicious items detections

HQXS5030 scanner is an ideal solution for the inspection of mails, handbags, parcels and small baggage within the limited space and unequipped inspection area. It guarantees small footprint, high throughput and effectiveness of screening process. It fits through doorways and elevators for fast relocation and installation.

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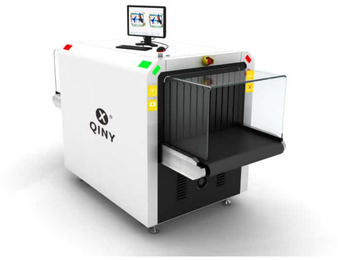
HQXS6040



HQXS6550

HQXS8065

HQXS10080

HQXS100100

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HQXS6040-AI

AI-BASED AUTOMATIC X-RAY INSPECTION SYSTEMS FOR QUICK AND EFFECTIVE SCREENING OF HANDBAGS & PARCELS AND BAGGAGE

BAGGAGE INSPECTION SYSTEMS
DUAL VIEW MODELS

HQXS10080DV

HQXS100100DV

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