

SECURITY SCREENING

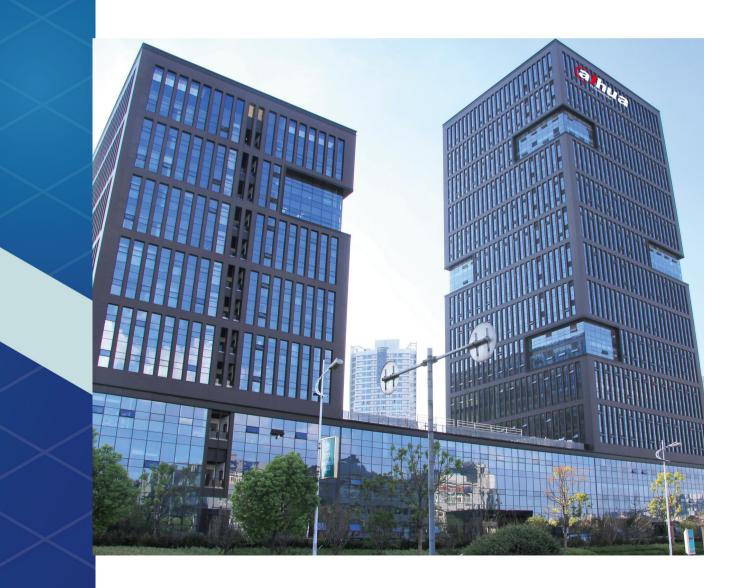
PRODUCTS AND SOLUTIONS



COMPANY INTRODUCTION

thejiang Dahua Technology Co., Ltd. (Dahua Technology) is a world-leading video-centric mart IoT solution and service provider. Based on technological innovations, Dahua echnology offers end-to-end security solutions, systems, and services to create value for ity operations, corporate management, and consumers.

he company continues to explore emerging opportunities based on video IoT technologies and has already established businesses in security screening, machine vision, video onferencing systems, professional drones, smart fire safety, automobile technologies, mart storage, robotics, etc.





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Metal Detector

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- □ Walk-Through Metal Detector
- □ Hand Held Metal Detector

02

Screening Machine And Server 06-12

- □ Security Screening Machine
- □ Al Security Screening Server



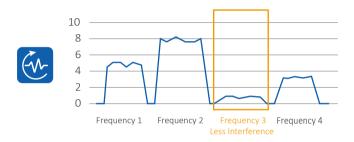
Walk-through Metal Detector

• High Sensitivity Metal Detection

33/18/6 detection zones with corresponding indicator lights.

Counts the number of passing people and the number of metal alarms.

Digital signal processing and filtering system ensure exceptional immunity to electromagnetic interference. Adjustable Frequency: allows adjustment when operating in proximity with other WTMD or other environmental noise sources.



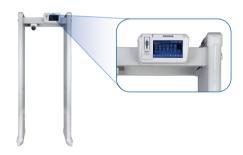
Auto-search Frequency

Auto search frequency function greatly simplifies configuration.

System calculates the immunity of every frequency. Automatically selects the lowest immunity frequency.

Multi-scene Application

Supports multiple application scenarios and customized scenarios, and offers easy to change sensitivity.



• Thermal Temperature Monitoring



Thermal body temperature monitoring features: Non-contact temperature monitoring: face temperature monitoring

Temperature accuracy: ±0.5 °C (without black body)
Temperature filtering: adjustable threshold (a temperature that exceeds the threshold will trigger the alarm light)
Dual image fusion (visible image: 4MP; thermal image: 256×192)



4MP@25/30 fps



Face Detection

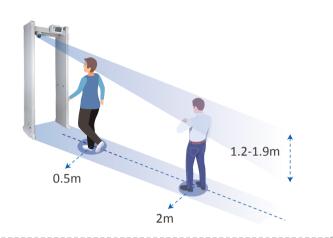


Body Temperature Monitoring

• Wide Monitoring Area

Thermal camera field of view: H: 50.6°, V: 37.8°

Detection distance: 0.5m to 2m Target height: 1.2m to 1.9m



• Fire Retardant

Fire Retardant High-Pressure Laminate (HPL) is safe, harmless, and sturdy. They are treated with imported fire retardant chemicals that minimize smoke emission and delay the rise in temperature, making it more resistant to fire.





• Safer Design

Safe to use with its 12V DC low voltage design Anti-loose aviation power plug.



Wide Temperature Range



Working temperature:
-20 to 65 °C
Complies with IEC
60068-2-1 and IEC
60068-2-2 standard tests
Ensures stable operation in a semi-outdoor environment

Package Drop & Vibration Test



A walk-through metal detector is very heavy (max. 61kg). Sturdy packaging can help reduce damage during transit. We conduct drop and vibration tests to simulate package handling and road transportation, thus reducing the possibility of any damage.



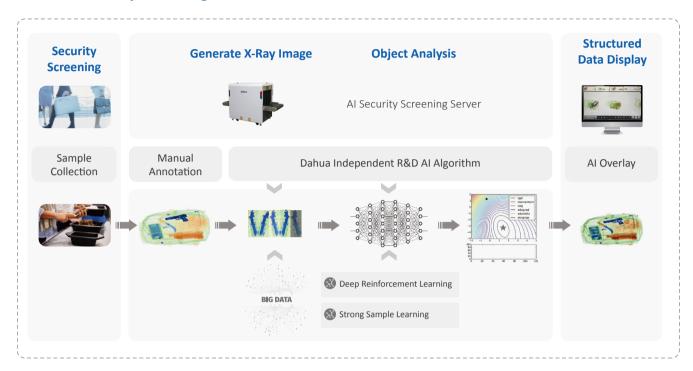
Module	DHI-ISC-D733-T	DHI-ISC-D718-T	DHI-ISC-D733	
Appearance				
Sensitivity	Ultra High	Ultra High	Ultra High	
Detection Zones	33	18	33	
Display	7-inch LCD Touch Screen	7-inch LCD Touch Screen	7-inch LCD Touch Screen	
IR Remoter	_	_	_	
Built-in Program	72	72	72	
Sensitivity Levels	255	255	255	
Frequency	100	100	100	
Alarm Tones	16	16	16	
Alarm Volumes	10	10	10	
Alarm Duration	_	_	_	
IR Mode	Adjustable Multiple Modes	Adjustable Multiple Modes	Adjustable Multiple Modes	
Thermal Camera				
Detector Type	Vanadium Oxide Uncooled FPA	Vanadium Oxide Uncooled FPA	_	
Max. Resolution	256 × 192	256 × 192	_	
Field of View	H: 50.6°, V: 37.8°	H: 50.6°, V: 37.8°	_	
Resolution	4MP (2336 × 1752)	4MP (2336 × 1752)	_	
IR Distance	≥ 30m (98.43 ft)	≥ 30m (98.43 ft)	_	
RJ45	1x10M/100M	1x10M/100M	_	
General Specification	General Specification			
Power Supply	12V, 25W (Max.) with 100-240V AC-DC power adapter	12V, 25W (Max.) with 100-240V AC-DC power adapter	12V, 12W (Max.) with 100-240V AC-DC power adapter	
Overall Exterior Size	2210mm × 928mm × 572mm	2210mm × 928mm × 572mm	2210mm × 928mm × 572mm	
Packaging & Weight	2409mm × 868mm × 304mm & 68kg	2409mm × 868mm × 304mm & 68kg	2409mm × 868mm × 304mm & 68kg	
Passageway Interior Size	1950mm × 714mm × 421mm	1950mm × 714mm × 421mm	2057mm × 714mm × 421mm	
Operating Temperature	-20°C~+65°C	-20°C~+65°C	-20°C~+65°C	
Certification	CE-LVD, CE-EMC, FCC, ROHS	CE-LVD, CE-EMC, FCC, ROHS	CE-LVD, CE-EMC, FCC, ROHS	
Warranty	2 years	2 years	2 years	

Module	DHI-ISC-D718	DHI-ISC-D118	DHI-ISC-D106
Appearance			
Sensitivity	Ultra High	High	High
Detection Zones	18	18	6
Display	7-inch LCD Touch Screen	3.5-inch LCD	3.5-inch LCD
IR Remoter	_	Supported	_
Built-in Program	72	12	12
Sensitivity Levels	255	255	255
Frequency	100	Auto-search, 20	Auto-search, 20
Alarm Tones	16	9	9
Alarm Volumes	10	10	10
Alarm Duration	_	0-10s	0-10s
IR Mode	Multimode Adjustable	Multimode Adjustable	Multimode Adjustable
Thermal Camera			
Detector Type	_	_	_
Max. Resolution	_	_	_
Field of View	_	_	_
Resolution	_	_	_
IR Distance	_	_	_
RJ45	_	_	_
General Specification			
Power Supply	12V, 12W (Max.) with 100-240V AC-DC power adapter	12 V, 11W (Max.), power adapter (included): 100 V–240 V AC, 50/60 Hz	12 V, 11W (Max.), power adapter (included): 100 V–240 V AC, 50/60 Hz
Overall Exterior Size	2210mm × 928mm × 572mm	2208mm x 866mm x 488mm	2208mm x 866mm x 488mm
Packaging & Weight	2409mm × 868mm × 304mm & 68kg	2275mm x 700mm x 220 mm & 47Kg	2275mm x 700mm x 220 mm & 47Kg
Passageway Interior Size	2057mm × 714mm × 421mm	2003mm × 720mm × 393mm	2003mm × 720mm × 393mm
Operating Temperature	-20°C~+65°C	-20°C~+65°C	-20°C~+65°C
Certification	CE-LVD, CE-EMC, FCC, ROHS	CE-LVD, CE-EMC, FCC, ROHS	CE-LVD, CE-EMC, FCC, ROHS

Module	ISC-H002	ISC-H001
Appearance	onum on the second of the seco	(alhua (ing)
Sensitivity	Ultra High	High
Detection Zones	1	1
Sensitivity Levels	4	2
Display	Supports sound, light or vibration alarm	Supports sound, light or vibration alarm
IR Remoter	_	_
Low Battery Alert	Supported	Supported
Power Supply	AA battery or rechargeable battery	6F22/15F8H 9V battery or rechargeable battery
Overall Exterior Size	378mm × 80mm × 36mm	420mm × 90mm × 45mm
Packaging & Weight	433mm × 130mm × 70mm & 620g	443mm × 110mm × 63mm & 500g
Operating Temperature	-20°C~+65°C	-20°C~+55°C
Certification	CE-LVD, CE-EMC, FCC	CE-LVD, CE-EMC, FCC, RoHs
Warranty	2 years	2 years

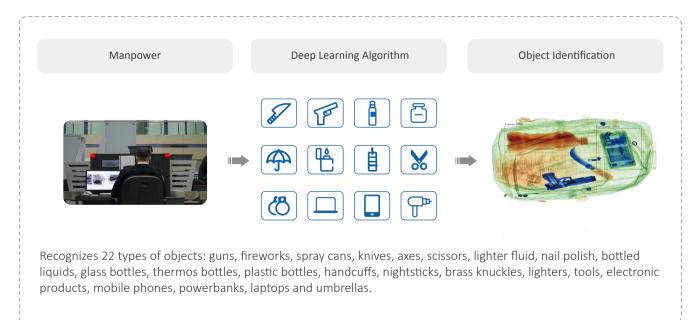
Security Screening Machine

Prohibited Object Recognition



• Object Identification Improves Efficiency

The built-in deep learning algorithm can realize object recognition with high accuracy without relying on staff and personnel. When prohibited objects are detected, they can be marked with different color according to danger level. It assists security inspectors to quickly catch suspected individuals, reduces pressure of security personnel, and improves work efficiency.



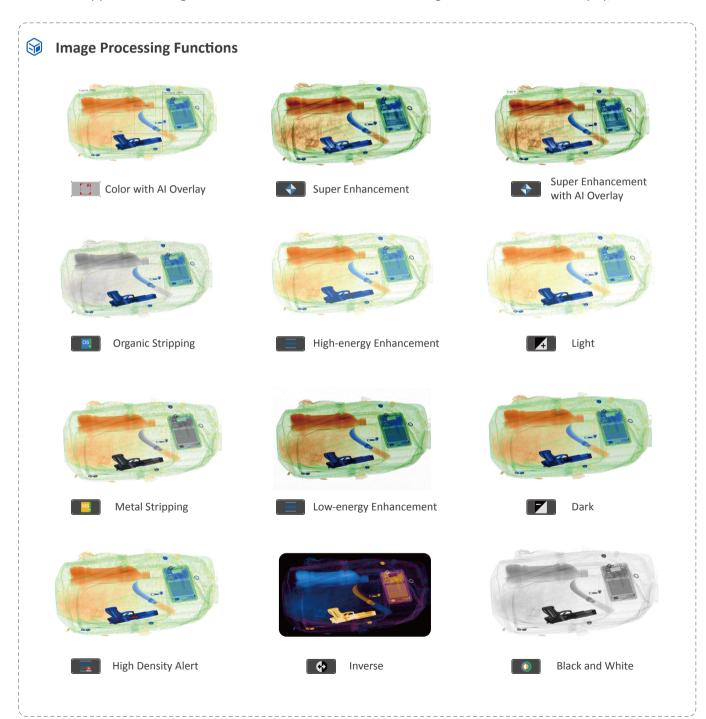
• Better Image Quality

iii High Penetration

The device is equipped with 160 KV X-ray generator and uses high-energy x-rays to achieve higher penetration.

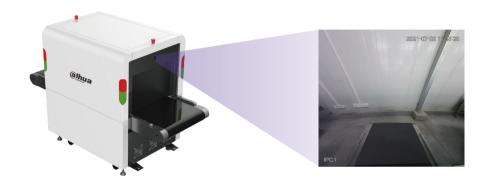
■ Wire Resolution & X-ray Protection

The device uses 160KV independently developed image algorithm, achieving 38 AWG (0.1mm) wire resolution. Its x-ray protection is higher than the international standard. The leakage dose rate is less than 0.9 μ Gy/h.



• Built-in Baggage Surveillance

There is a built-in camera in each end of the tunnel. It monitors the behavior of passengers when they put in and take back their baggage. The video stream can be stored in the server of security screening machine. Live view of the camera can also be played on the control display.



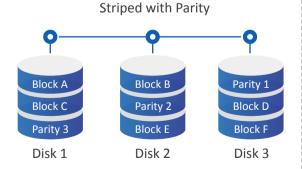
Greater Data Security



The Dahua security screening machine uses Linux-based operation system, making it more secure and more stable. It offers better performance compared with other OS.

Supports HDD storage capacity management and RAID Disk mode includes: single disk, RAID0/1/5 (enterprise-level), global hot spare.

Uses RAID1/5 to achieve better data reliability, availability and performance.



RAID 5

Module	ISC-M5030	ISC-M6040
Appearance		
Main Processor	Intel dual-core processor	Intel dual-core processor
RAM	8GB, expandable to 32GB	8GB, expandable to 32GB
OS	Embedded Linux	Embedded Linux
Wire Resolution	38 AWG (0.1mm)	38 AWG (0.1mm)
Penetration	Typical: 36mm; Standard: 34mm	Typical: 36mm; Standard: 34 mm
X-ray Generator	Single-view	Single-view
Generator Anode Voltage	160 Kv	160 Kv
Leakage Doserate	≤0.9µSv/h (µGy/h)	≤0.9μSv/h (μGy/h)
Tunnel Size	500 mm × 300 mm	620 mm × 420 mm
Conveyor Speed	0.2m/s	0.2m/s
Conveyor Capacity	150kg	200kg
Image Enhancement	Color/black and white, local enhancement, super enhancement, edge enhancement, image scanning, organic stripping, metal stripping, mixture stripping, Inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density alert, AI overlay, vertical flip, pseudo color and more	Color/black and white, local enhancement, super enhancement, edge enhancement, image scanning, organic stripping, metal stripping, mixture stripping, Inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density alert, Al overlay, vertical flip, pseudo color and more
Live View	Displays X-ray image and camera live view, and Al overlays.	Displays X-ray image and camera live view, and AI overlays.
Object Recognition	Recognizes and highlights objects with dynamic bounding AI overlays	Recognizes and highlights objects with dynamic bounding AI overlays
Type Identification	Recognizes 22 types of objects: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and umbrellas	Recognizes 22 types of objects: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and umbrellas
Danger Level	High risk, warning, and safe (can be customized)	High risk, warning, and safe (can be customized)
Picture Storage	Min 1 million pictures with object info and types	Min 1 million pictures with object info and types
Zoom In	1–64x zoom in	1–64x zoom in
Video Output	2 channels of display source output; 1920 x1080 Max	2 channels of display source output; 1920 x1080 Max
Video Input	12 channels of video input; Supports 4K, H.265, H.264	12 channels of video input; Supports 4K, H.265, H.264
Audio Output	2 channels; MIC out (3.5 mm)	2 channels; MIC out (3.5 mm)
Built-in Disk	4x10T SATA disks max; 1x4T disk by default	4x10T SATA disks max; 1x4T disk by default
Disk Mode	Single disk; RAIDO/1/5 (enterprise-level); global hot spare	Single disk; RAIDO/1/5 (enterprise-level); global hot spare
Network Port	1 × RJ45 1000M port; 2 × RJ45 POE 100M ports	1 × RJ45 1000M port; 2 × RJ45 POE 100M ports
Ports	1x RS232 for keyboard, 1x Alarm Output	1x RS232 for keyboard, 1x Alarm Output
General Specification		
Power Supply	AC 220–240V; AC 100-130V (optional)	AC 220–240V; AC 100-130V (optional)
Typical/Max Power Consumption	500W/1KW	500W/1KW
Operating Temperature	0°C~+45°C (+32 °F ~ +113 °F)	0°C~+45°C (+32 °F ~ +113 °F)
Dimensions & Weight	1664mm × 765.6mm × 1202mm & 430kg	1993mm × 870mm × 1297mm & 470Kg
Monitor	1 sets, 21.5" LCD monitor	1 sets, 21.5" LCD monitor
Accessaries	Roller table x1/simple special keyboard x1/mouse x1	Roller table x1/special keyboard x1/mouse x1
Package Dimensions & Weight	1805mm × 1026mm × 1425mm & 490 kg	2140mm × 1178mm × 1544mm & 540 kg
Operate Table	_	_
Certification	CE-MD, CE-LVD, CE-EMC, FCC, ROHS	CE-MD, CE-LVD, CE-EMC, FCC, ROHS
Warranty	2 years	2 years

Object Recognition Recognizes and nignlights objects with dynamic bounding Al overlays over the image	Module	ISC-M6550	ISC-M6550D
DS Embedded Linux BANG (D. Limm) Percetration Signification Typical: Mormy, Sandard: Mann Morm Percetration And William Common Signification S	Appearance		
S	Main Processor	Intel dual-core processor	Intel quad-core processor
Wire Resolution 38 AWG (0.1mm) 38 AWG (0.1mm) Penetration Typical: 36mm, Standard 37mm 38mm 36mm 3	RAM	8GB, expandable to 32GB	16GB, expandable to 32GB
Penetration Typical: 36mm, Standard: 34mm 38mm 38mm 38mm 38mm 38mm 38mm 38mm	OS	Embedded Linux	Embedded Linux
Single-view Dud-view Dud-view Dud-view 150 N	Wire Resolution	38 AWG (0.1mm)	38 AWG (0.1mm)
Leakage Dosente	Penetration	Typical: 36mm, Standard: 34mm	36mm
Tunel Size Conveyor Speed Color/black and white, local enhancement, super enhancement, edge enhancement, inger scanning, organic stripping, moture stropping, moture str	X-ray Generator	Single-view	Dual-view Dual-view
Tonnel Size Conveyor Speed O.2m/s. Conveyor Speed Conveyor Capacity Color/black and white, local enhancement, edge enhancement, edge enhancement, image scanning, organic stripping, metal stripping, more stripping, metal stripping, metal stripping, metal stripping, more stripping, metal stripping, more stripping, metal stripping, metal stripping, more stripping, mo	Generator Anode Voltage	160 Kv	160 Kv
Conveyor Speed Conveyor Capacity Conveyor Capacity Color/black and white, local enhancement, super enhancement, edge enhancement, image scanning, organic stripping, metal stripping, mixture stripping, investe, high-energy enhancement, light, durit, entity threat let 27/28/25, high density vertical flip, pseudo color and more Live View Displays X-ray image and camera live view, and Al overlays Object Recognition Recognizes and highlights objects with dynamic bounding Al overlays Recognizes and highlights objects with dynamic bounding Al overlays Recognizes 22 types of objects: guns, fireworks, spray cans, lonkes, axes, scissors, lighter fluid, nail poish, bottled injudic, glass bottles, thermosobottles, place bottles, industry, and the light fluid, mail poish, bottled injudic, glass bottles, thermosobottles, place bottles, mail, and the surface products, mobile phones, powerbanks, laptops and umbrellas Picture Storage Min 1 million pictures with object info and types Zoom In 1-64x zoom in 1-64x zoom in Video Output 2 channels of video input Supports 4K, 1265, 1,264 Audio Output 2 channels of video input Supports 4K, 1265, mm) Built-in Disk 4x10* SATA disks max; 1x4T disk by default Ax10* SATA disks max; 1x4T disk by default Disk Mode Single disk; RAIDO(7)/5 (enterprise-level); global hot spare Soom / Sate Sate Sate Sate Sate Sate Sate Sate	Leakage Doserate	≤0.9µSv/h (µGy/h)	≤0.9μSv/h (μGy/h)
Conveyor Capacity Color/black and white, local enhancement, edge enhancement, large enha	Tunnel Size	650mm × 500mm	650mm x 500mm
Color/black and white, local enhancement, super enhancement, edge enhancement, limage scanning, organic stripping, metal stripping, mixture stripping, inverse, liph-engrey enhancement, linges scanning, organic stripping, metal stripping, metal stripping, metal stripping, inverse, liph-engrey enhancement, linges, dark, density threat alert 27/28/79, high density alert, Al overlay, vertical flip, pseudocolor and more Live View Displays X-ray image and camera live view, and Al overlays Object Recognition R	Conveyor Speed	0.2m/s	0.2m/s
enhancement, image scanning, organic stripping, mixed stripping, mixed stripping, inverse, high-tenegry enhancement, low-energy enhancement, light, dark, density threat elect 27/28/29, high density alert, A1 overlay, vertical file, pseudo color and more Live View Displays X-ray image and camera live view, and A1 overlays Recognizes and highlights objects with dynamic bounding A1 overlays Recognizes and highlights objects with dynamic bounding A1 overlays Recognizes 22 types of objects: guns, fireworks, spray cans, knives, exes, scissors, lighter fluid, nal polish, bottled liquids, glass bottles, thermosometer, light of the politic plants bottles, phastic bottles, high office to objects with dynamic bounding boxes over the image Recognizes 22 types of objects: guns, fireworks, spray cans, knives, exes, scissors, lighter fluid, nal polish, bottled liquids, glass bottles, thermosometers, plants bottles, briefolds, night control, five solvens flower forms, glatery to object electronic products, mobile phones, powerbanks, laptops and umbrellas Danger Level High risk, warning, and safe (can be customized) Picture Storage Amin 1 million pictures with object info and types Zoom in 1-64x zoom in 1-6	Conveyor Capacity	200kg	200kg
Object Recognition Recognizes and highlights objects with dynamic bounding AI overlays Recognizes (Recognizes (Recognizes) (Recognize	Image Enhancement	enhancement, image scanning, organic stripping, metal stripping, mixture stripping, inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density alert, Al overlay,	enhancement, image scanning, organic stripping, metal stripping, mixture stripping, inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density
Recognizes 22 types of objects: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, barses for bettes, plantic bottles, plantic bottles, plantic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and umbrellas Danger Level High risk, warning, and safe (can be customized) Picture Storage Min 1 million pictures with object info and types Min 1 million pictures with object info and types Zoom In 1-64x zoom in 1-6	Live View	Displays X-ray image and camera live view, and Al overlays	Displays X-ray image and camera live view, and AI overlays
Type Identification Type Iden	Object Recognition	Recognizes and highlights objects with dynamic bounding AI overlays	Recognizes items and highlights objects with dynamic bounding boxes over the image
Picture Storage Min 1 million pictures with object info and types Zoom In 1-64x zoom in 1-64	Type Identification	scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools,	bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and
Zoom In 1-64x zoom i	Danger Level	High risk, warning, and safe (can be customized)	High risk, warning, and safe (can be customized)
Video Output 2 channels of display source output; 1920 x1080 Max 2 channels of display source output; 1920 x1080 Max Video Input 12 channels of video input; Supports 4K, H.265, H.264 12 channels of video input;	Picture Storage	Min 1 million pictures with object info and types	Min 1 million pictures with object info and types
Video Input12 channels of video input; Supports 4K, H.265, H.26412 channels of video input; Supports 4K, H.265, H.264Audio Output2 channels; MIC out (3.5 mm)2 channels; MIC out (3.5 mm)Built-in Disk4x10T SATA disks max; 1x4T disk by default4x10T SATA disks max; 1x4T disk by defaultDisk ModeSingle disk; RAID0/1/5 (enterprise-level); global hot spareSingle disk; RAID0/1/5 (enterprise-level); global hot spareNetwork Port1 x RJ45 1000M port; 2 x RJ45 POE 100M ports1xRJ45 1000M port; 2x RJ45 POE 100M portsPorts1 x RS232 for keyboard, 1x Alarm Output1xRS232 for keyboard, 1x Alarm OutputGeneral Specification4C 220-240V; AC 100-130V (optional)AC 220-240V; AC 100-130V (optional)Typical/Max Power Consumption500W/1KW1KW/1.5KWOperating Temperature0°C°+45°C (+32 °F ~ +113 °F)0°C°+45°C (+32 °F ~ +113 °F)Dimensions & Weight2054mm x 916mm x 1435mm & 480kg2320mm x 1295mm x 1435mm & 600kgMonitor1 sets, 21.5" LCD monitor2 sets, 21.5" LCD monitorAccessariesRoller table x1/special keyboard x1/mouse x1Roller table x1/special keyboard x1/mouse x1Package Dimensions & Weight2110mm x 1200mm x 1700mm & 550 kg2490mm x 1478mm x 1618mm & 850kgOperate TablePackage size 1276mm & 376mm & 200mm & 38.5kgPackage size 1276mm x 376mm x 200mm & 38.5kgCertificationCE-MD, CE-LVD, CE-EMC, FCC, ROHSCE-MD, CE-LVD, CE-EMC, FCC, ROHS	Zoom In	1–64x zoom in	1–64x zoom in
Audio Output 2 channels; MIC out (3.5mm) 2 channels; MIC out (3.5 mm) Built-in Disk 4x10T SATA disks max; 1x4T disk by default 4x10T SATA disks max; 1x4T disk by default Disk Mode Single disk; RAIDO/1/5 (enterprise-level); global hot spare Single disk; RAIDO/1/5 (enterprise-level); global hot spare Network Port 1 x RJ45 1000M port; 2 x RJ45 POE 100M ports Ports 1 x RS232 for keyboard, 1x Alarm Output 1xRS232 for keyboard, 1x Alarm Output General Specification Power Supply AC 220–240V; AC 100–130V (optional) AC 220–240V; AC 100–130V (optional) Typical/Max Power Consumption O°C~+45°C (+32 °F ~ +113 °F) O°C~+45°C (+32 °F ~ +113 °F) Dimensions & Weight 2054mm x 916mm x 1435mm & 480kg 2320mm x 1295mm x 1435mm & 600kg Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight Package size 1276mm & 376mm & 200mm & 38.5kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Video Output	2 channels of display source output; 1920 x1080 Max	2 channels of display source output; 1920 x1080 Max
Built-in Disk 4x10T SATA disks max; 1x4T disk by default 4x10T SATA disks max; 1x4T disk by default Disk Mode Single disk; RAIDO/1/5 (enterprise-level); global hot spare Single disk; RAIDO/1/5 (enterprise-level); global hot spare 1xRJ45 1000M port; 2xRJ45 POE 100M ports 1xRS232 for keyboard, 1x Alarm Output 1xRS232 for keyboard, 1x Alarm Output 1xRS232 for keyboard, 1x Alarm Output 4xRS232 for keyboard, 1x Alarm Output 5xRS232 for keyboard, 1x Alarm Output 6xRS232 for keyboard, 1x Alarm Output 7xRS232 for keyboard, 1x Al	Video Input	12 channels of video input; Supports 4K, H.265, H.264	12 channels of video input; Supports 4K, H.265, H.264
Disk Mode Single disk; RAIDO/1/5 (enterprise-level); global hot spare Network Port 1 x RJ45 1000M port; 2 x RJ45 POE 100M ports 1 x RS232 for keyboard, 1x Alarm Output 1 x RS232 for keyboard, 1x Alarm Output Seneral Specification Power Supply AC 220-240V; AC 100-130V (optional) Typical/Max Power Consumption Operating Temperature 0°C~+45°C (+32 °F ~ +113 °F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg Monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Audio Output	2 channels; MIC out (3.5mm)	2 channels; MIC out (3.5 mm)
Network Port 1 × RJ45 1000M port; 2 × RJ45 POE 100M ports 1 × RJ45 1000M port; 2 × RJ45 POE 100M ports Ports 1 x RS232 for keyboard, 1x Alarm Output 1 xRS232 for keyboard, 1x Alarm Output General Specification Power Supply AC 220–240V; AC 100-130V (optional) AC 220–240V; AC 100–130V (optional) Typical/Max Power Consumption S00W/1KW 1KW/1.5KW Operating Temperature 0°C~+45°C (+32°F~+113°F) 0°C~+45°C (+32°F~+113°F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg 2320mm × 1295mm × 1435mm & 600kg Monitor 1 sets, 21.5″ LCD monitor 2 sets, 21.5″ LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Built-in Disk	4x10T SATA disks max; 1x4T disk by default	4x10T SATA disks max; 1x4T disk by default
Ports 1 x RS232 for keyboard, 1x Alarm Output 1xRS232 for keyboard, 1x Alarm Output General Specification Power Supply AC 220–240V; AC 100-130V (optional) AC 220–240V; AC 100–130V (optional) Typical/Max Power Consumption S00W/1KW 1KW/1.5KW Operating Temperature 0°C~+45°C (+32 °F ~ +113 °F) 0°C~+45°C (+32 °F ~ +113 °F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg 2320mm × 1295mm × 1435mm & 600kg Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Disk Mode	Single disk; RAIDO/1/5 (enterprise-level); global hot spare	Single disk; RAIDO/1/5 (enterprise-level); global hot spare
Ports 1 x RS232 for keyboard, 1x Alarm Output 1xRS232 for keyboard, 1x Alarm Output General Specification Power Supply AC 220–240V; AC 100-130V (optional) AC 220–240V; AC 100–130V (optional) Typical/Max Power Consumption S00W/1KW 1KW/1.5KW Operating Temperature 0°C~+45°C (+32 °F ~ +113 °F) 0°C~+45°C (+32 °F ~ +113 °F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg 2320mm × 1295mm × 1435mm & 600kg Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Network Port	1 × RJ45 1000M port; 2 × RJ45 POE 100M ports	1×RJ45 1000M port; 2× RJ45 POE 100M ports
General Specification Power Supply AC 220–240V; AC 100–130V (optional) AC 220–240V; AC 100–130V (optional) Typical/Max Power Consumption 500W/1kW 1KW/1.5KW Operating Temperature 0°C~+45°C (+32°F~+113°F) 0°C~+45°C (+32°F~+113°F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg 2320mm × 1295mm × 1435mm & 600kg Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS			
Power Supply AC 220-240V; AC 100-130V (optional) Typical/Max Power Consumption Operating Temperature O°C~+45°C (+32°F~+113°F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg Monitor 1 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight Operating Temperature O°C~+45°C (+32°F~+113°F) O°C~+45°C (+32°F~+113°F, O°C~+45°C (+32°F~+113°F, O°C~+45°C (+32°F~+113°F, O°C~+45°C (+32°F~+113°F,		· · · · ·	
Typical/Max Power Consumption O°C~+45°C (+32 °F ~ +113 °F) Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg Monitor 1 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS	•	AC 220–240V: AC 100-130V (optional)	AC 220–240V: AC 100–130V (optional)
Operating Temperature0°C~+45°C (+32°F~+113°F)0°C~+45°C (+32°F~+113°F)Dimensions & Weight2054mm × 916mm × 1435mm & 480kg2320mm × 1295mm × 1435mm & 600kgMonitor1 sets, 21.5" LCD monitor2 sets, 21.5" LCD monitorAccessariesRoller table x1/special keyboard x1/mouse x1Roller table x1/special keyboard x1/mouse x1Package Dimensions & Weight2110mm × 1200mm × 1700mm & 550 kg2490mm × 1478mm × 1618mm & 850kgOperate TablePackage size 1276mm & 376mm & 200mm & 38.5kgPackage size 1276mm × 376mm × 200mm & 38.5kgCertificationCE-MD, CE-LVD, CE-EMC, FCC, ROHSCE-MD, CE-LVD, CE-EMC, FCC, ROHS	Typical/Max Power		
Dimensions & Weight 2054mm × 916mm × 1435mm & 480kg 2320mm × 1295mm × 1435mm & 600kg Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	· · · · · · · · · · · · · · · · · · ·	0°C~+45°C (+32 °F ~ +113 °F)	0°C~+45°C (+32 °F ~ +113 °F)
Monitor 1 sets, 21.5" LCD monitor 2 sets, 21.5" LCD monitor Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & Weight 2110mm x 1200mm x 1700mm & 550 kg 2490mm x 1478mm x 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm x 376mm x 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS			2320mm × 1295mm × 1435mm & 600kg
Accessaries Roller table x1/special keyboard x1/mouse x1 Roller table x1/special keyboard x1/mouse x1 Package Dimensions & 2110mm × 1200mm × 1700mm & 550 kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS			
Package Dimensions & Weight 2110mm × 1200mm × 1700mm & 550 kg 2490mm × 1478mm × 1618mm & 850kg Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS		· · · · · · · · · · · · · · · · · · ·	·
Operate Table Package size 1276mm & 376mm & 200mm & 38.5kg Package size 1276mm × 376mm × 200mm & 38.5kg Certification CE-MD, CE-LVD, CE-EMC, FCC, ROHS CE-MD, CE-LVD, CE-EMC, FCC, ROHS	Package Dimensions &		
		Package size 1276mm & 376mm & 200mm & 38.5kg	Package size 1276mm × 376mm × 200mm & 38.5kg
Warranty 2 years 2 years	Certification	CE-MD, CE-LVD, CE-EMC, FCC, ROHS	CE-MD, CE-LVD, CE-EMC, FCC, ROHS
	Warranty	2 years	2 years



Module	ISC-M100100	ISC-M100100D
Appearance		
Main Processor	Intel quad-core processor	Intel quad-core processor
RAM	8GB, expandable to 32GB	16GB, expandable to 32GB
OS	Embedded Linux	Embedded Linux
Wire Resolution	34 AWG (0.16mm)	38 AWG (0.1mm)
Penetration	Typical: 34mm, Standard: 32mm	36mm
X-ray Generator	Single-view	Dual-view Dual-view
Generator Anode Voltage	160 Kv	160 Kv
Leakage Doserate	≤0.9µSv/h (µGy/h)	≤0.9µSv/h (µGy/h)
Tunnel Size	1000mm × 1000mm	1000mm x 1000mm
Conveyor Speed	0.2m/s	0.2m/s
Conveyor Capacity	200kg	250kg
Image Enhancement	Color/black and white, local enhancement, super enhancement, edge enhancement, image scanning, organic stripping, metal stripping, mixture stripping, inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density alert, Al overlay, vertical flip, pseudo color and more	Color/black and white, local enhancement, super enhancement, edge enhancement, image scanning, organic stripping, metal stripping, mixture stripping, inverse, high-energy enhancement, low-energy enhancement, light, dark, density threat alert Z7/Z8/Z9, high density alert, Al overlay, vertical flip, pseudo color and more
Live View	Displays X-ray image and camera live view, and AI overlays	Displays X-ray image and camera live view, and AI overlays
Object Recognition	Recognizes and highlights objects with dynamic bounding AI overlays	Recognizes and highlights objects with dynamic bounding AI overlays
Type Identification	Recognizes 22 types of objects: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and umbrellas	Recognizes 22 types of objects: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, powerbanks, laptops and umbrellas
Danger Level	High risk, warning, and safe (can be customized)	High risk, warning, and safe (can be customized)
Picture Storage	Min 1 million pictures with object info and types	Min 1 million pictures with object info and types
Zoom In	1–64x zoom in	1–64x zoom in
Video Output	2 channels of display source output; 1920 x1080 Max	2 channels of display source output; 1920 x1080 Max
Video Input	12 channels of video input; Supports 4K, H.265, H.264	12 channels of video input; Supports 4K, H.265, H.264
Audio Output	2 channels; MIC out (3.5mm)	2 channels; MIC out (3.5 mm)
Built-in Disk	4x10T SATA disks max; 1x4T disk by default	4x10T SATA disks max; 1x4T disk by default
Disk Mode	Single disk; RAID0/1/5 (enterprise-level); global hot spare	Single disk; RAIDO/1/5 (enterprise-level); global hot spare
Network Port	1 × RJ45 1000M port; 2 × RJ45 POE 100M ports	1×RJ45 1000M port; 2× RJ45 POE 100M ports
Ports	1 x RS232 for keyboard, 1x Alarm Output	1xRS232 for keyboard, 1x Alarm Output
General Specification	TAILED TO ACTION OF THE CONTROL OF T	Intellet in heyboard, 177 name barpat
	AC 220–240V; AC 100-130V (optional)	AC 220–240V; AC 100-130V (optional)
Power Supply Typical/Max Power Consumption	500W/1KW	1KW/1.5KW
Operating Temperature	0°C∼+45°C (+32 °F ∼ +113 °F)	0°C~+45°C (+32 °F ~ +113 °F)
Dimensions & Weight	3599mm × 1300mm × 1790mm & 1100kg	3901mm × 1790mm × 1865mm & 1400kg
Monitor	2 sets, 21.5" LCD monitor	2 sets, 21.5" LCD monitor
Accessaries	Roller table x1/special keyboard x1/mouse x1	Roller table x1/special keyboard x1/mouse x1
Package Dimensions &		
Weight	2965mm × 1800mm × 2200mm & 1300 kg	2965mm × 2140mm × 2218mm & 1600kg
Operate Table	Package size 1276mm × 376mm × 200mm & 38.5kg	Package size 1276mm × 376mm × 200mm & 38.5kg
Certification	CE-MD, CE-LVD, CE-EMC, FCC, ROHS	CE-MD, CE-LVD, CE-EMC, FCC, ROHS
Warranty	2 years	2 years

Model	ISC-S7408-VHD	ISC-S7408-2VHD
Appearance	15 · 11	11
Name	Single-view Al Security Screening Server	Dual-view AI Security Screening Server
Main Features	Al security screening server supports single-view multi-energy security screening machine; Supports 22 kinds of object recognition; Recognizable objects include: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, power banks, laptops and umbrellas; Recognizable object type increases with software update; Supports storage and export of luggage x-ray images; Supports x-ray inspection machine networking.	Al security screening server supports single-view multi-energy security screening machine; Supports 22 kinds of object recognition; Recognizable objects include: guns, fireworks, spray cans, knives, axes, scissors, lighter fluid, nail polish, bottled liquids, glass bottles, thermos bottles, plastic bottles, handcuffs, nightsticks, brass knuckles, lighters, tools, electronic products, mobile phones, power banks, laptops and umbrellas; Recognizable object type increases with software update; Supports storage and export of luggage x-ray images; Supports x-ray inspection machine networking.
Raid	Supports RAID 0/1/5	Supports RAID 0/1/5
Video In	1 HDMI/VGA/DVI video input	2 HDMI/VGA/DVI video input
Video Out	2HDMI/2VGA/2DVI video output	2VGA/2DVI video output
Supported Security Screening Machine	1 × Single-view	1 × Dual-view
Storage	Up to 4 HDD support RAID5. Video stream, baggage image, alarm stroage	Up to 4 HDD support RAID5. Video stream, baggage image, alarm stroage
Power Supply	120V–240V AC, 35W (without load), 90W (full load)	120V–240V AC, 35W (without load), 90W (full load)
Overall Exterior Size	360mm × 325mm × 132mm	360mm × 325mm × 132.6mm
Packaging & Weight	523mm × 514mm × 330mm & 10.8 kg	523mm × 514mm × 330mm & 10.8 kg
Operating Temperature	0°C~+45°C	0°C~+45°C
RMA Service	2 years	2 years

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