

INTELLIGENT SECURITY INSPECTION

2021

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102 Walk-through Metal Detector

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Intelligent Security Inspection

Put every effort to make a safer world



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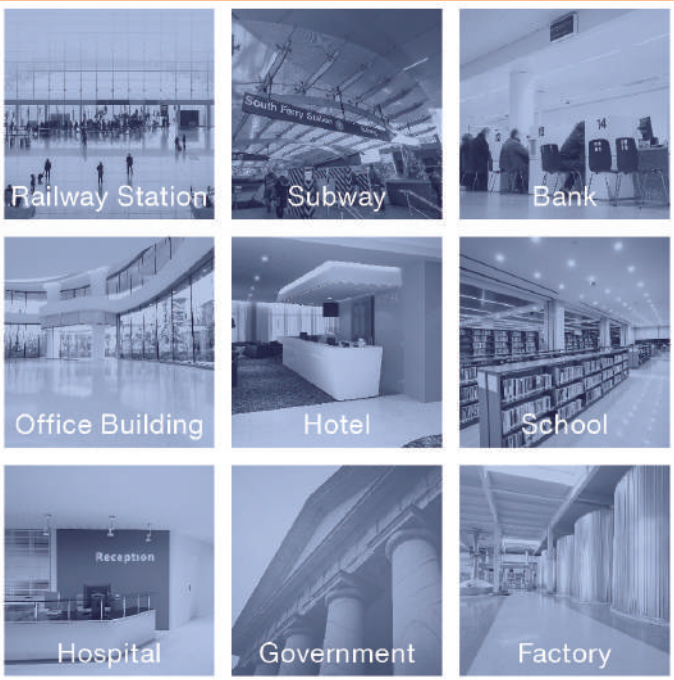
Walk-through Metal Detector

Temperature-screening Walk-through Metal Detector Needs

- > Thermal based real-time skin surface temperature screening,timely alarm for abnormal temperature
- > Real-time display of temperature screening and visible light image via LCD displays
- > Touch screen for easy management
- > Counting on flow and alarm events
- > 18 zones accurate metal detection
- > Work with HikCentral Professional for remote configuration and area flow analysis

General Walk-through Metal Detector

- > Ultra-high detection sensitivity, and coin-sized metal can be detected
- > Counting on flow and alarm events
- > Multi-location detection to accurately locate the metal positions of the human body
- > Sensitivity adjustment for each zone



Model	ISD-SM6318LT-D	NP-SG118L	NP-SG118	NP-SG112L	NP-SG106
Image					
Temperature Screening via Thermal Camera	Accuracy: ±0.5 °C	No	No	No	No
Detecte Both Non-ferrous Metal and Ferrous Metal	Yes	Yes	Yes	Yes	Yes
The Smallest Detected Metals	Coin-sized metals	Coin-sized metals	Coin-sized metals	Coin-sized metals	Coin-sized metals
Number of Detection Zones	18	18	18	12	6
Configuration Method	Touch screen and website	Remote controller	Remote controller	Remote controller	Keypad
Power Supply	12 VDC, 3.15 A, 36 W(with power adapter)	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz
Power Consumption	36 W	<15 W	<15 W	<15 W	<15 W
Working Temperature and Working Humidity	Turret camera: 5°C to 40°C, <95% RH Walk-through metal detector: -10°C-55°C,<95% RH	Temp: -25 °C to 55 °C, <95% RH (non-condensing)	Temp: -25 °C to 55 °C, <95% RH (non-condensing)	Temp: -25 °C to 55 °C, <95% RH (non-condensing)	Temp: -25 °C to 55 °C, <95% RH (non-condensing)
IP Protective Level	Turret camera: IP66 Walk-through metal detector: IP53	IP52	IP52	IP52	IP52
Flow Control for Certain Area	YES	NO	NO	NO	NO
Display	7-inch touch screen	LCD Display	LED Display	LCD Display	LED Display
Display Information	Pass Through Number Metal Alarm Number Real-time Skin Surface Temperature Temperature Alarm Number Security Level Frequency Time	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number
Sensitivity Level	Security Level: 0 to 100 Sensitivity: 0 to 255	2000	2000	1000	300
Number of Pre-loaded Settings	72 pre-loaded settings	11 pre-loaded settings	NA	11 pre-loaded settings	NA
Number of Optional Frequency Bands	12 kinds of working frequency available	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz
Automatic Frequency	YES	YES	YES	YES	YES
Visible and Audible Alarm	YES	YES	YES	YES	YES
Number of IR Groups	2	2	2	2	2

Intelligent Security Inspection Handheld Metal Detector



Model	NP-SH100
Image	
Power Supply	Standard 9 V [6F22] battery
Frequency	25 kHz
Operating Voltage	9 V [6F22]
Drop-proof	1m
Working Temperature	-20 °C to 55 °C
Dimension (W × H × D)	410 × 45 × 85 mm
Weight	400 g (without battery)
Accessories	Rechargeable battery, Charger

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X-ray Inspection System

>Advanced x-ray imaging technology

Advanced X-ray penetration imaging technology, with substance classification algorithm, presents high resolution images on the display to support dangerous goods fast recognition.

>High quality images performance

Steel penetration rate up to 43 mm, wire resolution up to 40 AWG. With clear shape and outline, continuous and tidy, saturated colors and no obvious noise, images are effective for safety analysis, and comfortable for the human eyes.

>Simple and delicate structure design

Highly modular hardware, simple and clear structures, which is convenient for maintenance and repair. The internal space is sufficient for good ventilation and heat dissipation, which helps to extend the device life time.

>Simple and efficient software design

The software interface is clear and simple, and supports keyboard and mouse operations, which makes the operation and management easy even for the new beginners.

>High level radiation safety

Radiation leakage is low to <0.2 u SV/h, which is close to natural environment radiation level, and much lower than international radiation safety standards.



Model	NP-SC5030	NP-SC5030HM	NP-SC6550	NP-SC6550HM	NP-SC6550DHM
Image					
Tunnel Size	505 mm x 303 mm	503 mm x 306 mm	658 mm x498.5 mm	660 mm x 504 mm	660 x 501.5 mm
Conveyor Height	668.5 mm	663 mm	700.2 mm	700 mm	669 mm
Multi-energy Scanning	NO	YES	NO	YES	YES
Wire Resolution	40 AWG	40 AWG	40 AWG	38 AWG	38 AWG
Steel Penetration	8 mm	34 mm	8 mm	30 mm	34 mm
Radiation Leakage	<1 μSv/h	<1 μSv/h	<1 μSv/h	<1 μSv/h	<1 μSv/h
Belt Speed	0.2 m/s	0.22 m/s	0.2 m/s	0.22 m/s	0.2 m/s
Maximum Load	100 kg	100 kg	150 kg	150 kg	150 kg
Noise	≤60 dB	≤60 dB	≤60 dB	≤60 dB	≤60 dB
X-ray Tube Voltage	80 kV	140 kV	80 kV	140 kV	160 kV
Number of View	Single View	Single View	Single View	Single View	Dual View
Image Processing	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning
Threat Image Projection	Free	Free	Free	Free	Free
Operating System	Linux	Windows	Linux	Windows	Windows
Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Dual 17" LCD Color Monitor
Power Supply	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz
Power Consumption	0.5 kVA	0.5 kVA	0.8 kVA	0.8 kVA	1.0 kVA
Working Temperature	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C
Working Humidity	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH
Dimension(L x W x H)	1660 x 746 x1165 mm	1660 x 746 x 1165 mm	2195 x 902 x 1362.5 mm	2195 x 902 x 1362.5 mm	2456 x 1348 x 1331mm
Weight	260 kg	300 kg	420 kg	480 kg	740 kg

Model	NP-SC8065M	NP-SC8065HM	NP-10080HM	NP-SC10080DHM	NP-SC100100DHM
Image					
Tunnel Size	807.5 mm x 653 mm	805 mm * 650.5 mm	1005 mm x 803.5 mm	1005 mm x 802 mm	1007 mm x 1008 mm
Conveyor Height	341 mm	308.7 mm	299.5 mm	301 mm	309 mm
Multi-energy Scanning	YES	YES	YES	YES	YES
Wire Resolution	38 AWG	38 AWG	38 AWG	Top View36 AWG / Side View 38 AWG	Top View36 AWG / Side View 38 AWG
Steel Penetration	34 mm	34 mm	34 mm	32 mm	32 mm
Radiation Leakge	≤0.5 μSv/h	≤0.5 μSv/h	<1 μSv/h	<1 μSv/h	<1 μSv/h
Belt Speed	0.2 m/s	0.2 m/s	0.2 m/s	0.2 m/s	0.2 m/s
Maximum Load	200 kg	200 kg	200 kg	200 kg	200 kg
Noise	≤60 dB	≤60 dB	≤60 dB	≤60 dB	≤60 dB
X-ray Tube Voltage	140 kV	160 kV	160 kV	160 kV	160 kV
Number of View	Single View	Single View	Single View	Dual View	Dual View
Image Processing	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning
Threat Image Projection	Free	Free	Free	Free	Free
Operating System	Windows	Windows	Windows	Windows	Windows
Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor
Power Supply	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz
Power Consumption	1.0 kVA	1.0 kVA	1.0 kVA	1.5 kVA	1.5 kVA
Working Temperature	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C
Working Humidity	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH
Dimension(L x W x H)	2848 x 1095 x 1536mm	2630 x 1103 x 502 mm	3148.5 x 1305 x 1648 mm	3200 x 1728 x 1648 mm	3909 x 1781 x 1878 mm
Weight	700 kg	720 kg	880 kg	1200 kg	1350 kg



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