Persona X Single-Channel Personnel Security Screening System

LynX

DISPLAY INTERFACE

Persona X SC3A

Special Features:

- Integrative lead shield, X-ray leakage: <0.17μSv/h
- Scan time: <3s

Features:

- X-ray scan of full body, imaging clear, sync record
- Cyclic detection, high speed and high efficiency
- Wide detection range, professional radiation protection design, micro-dose, safe and reliable

Technical Characteristics:

- Dose per inspection: 0.05-0.2μSv, suitable for general use application
- X-ray leakage: <0.17μSv/h, at any point 50cm from any external surface of the system
- Scan time: < 3s, superior to industry standard of 7-8s
- High throughput: up to 1300 pph
- Wire detectability: 40AWG (0.0787mm), superior to industry standard of 0.127mm
- Spatial detectability: 1mm wire pair, superior to industry standard of 1.3mm
- Inspection mode: open-type continuous cyclic detection (independent R&D of single-channel cyclic motion device patent)
- Simultaneous image acquisition & record
- Image manipulation: zoom, super enhancement, detail enhancement, B/W reverse, filter, pseudo color, brightness/contrast
- 24-inch LCD display with high resolution of 1920×1200
- Compliant with ANSI/HPS N43.17-2009, and IEC62463 Edition1.0 2010-06

Installation Data:

Model	Weight	Dimension (mm)	Working Temperature/Humidity	Power Source	Power Consumption
Sharpshooter 5010-SC3A	1000kg	L2600×W2300×H2600	-5~40 ℃/ 10%~90%	220VAC, 50±3Hz	800W

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Other Models:

Pesona X SC2A

Persona X SC3

Special Features:

- X-ray leakage: <0.46µSv/h
- Scan time: <3s

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- X-ray leakage: <0.46µSv/h
- Scan time: <3s

Model	Weight	Dimension (mm)	Working Temperature/Humidity	Power Source	Power Consumption
Sharpshooter 5010-SC2A	750kg	L2600×W2450×H2600	-5~40 ℃/ 10%~90%	220VAC, 50±3Hz	800W
Sharpshooter 5010-SC3	800kg	L2600×W2300×H2600	-5~40 ℃/ 10%~90%	220VAC, 50±3Hz	800W

Persona X Double-Channel
Personnel & Luggage Security Screening System

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DISPLAY INTERFACE

Special Features:

- Luggage tunnel size: 650×500mm
- One stop X-ray scan of luggage and body, imaging clear, sync record
- Scan time: <3s

Persona X DC2

Features:

- Cyclic detection, high speed and high efficiency
- Wide detection range, professional radiation protection design, micro-dose, safe and reliable
- Luggage tunnel adopts dual energy dual view X-ray imaging, intelligent distinction between different types of materials

Technical Characteristics:

- Dose per inspection of body channel: 0.05-0.2μSv, superior to European and American standard of 0.25μSv
- X-ray leakage: <0.69μSv/h, outside the radiation protection boundary
- Scan time: < 3s, superior to industry standard of 15s
- Belt speed:0.2m/s
- High throughput: up to 1000 pph.
- Wire detectability: 40AWG (0.0787mm), superior to industry standard of 0.127mm
- Spatial detectability: 1mm wire pair, superior to industry standard of 1.3mm
- Image manipulation: zoom, super enhancement, detail enhancement, B/W reverse, filter, pseudo color, brightness/contrast

Installation Data:

Model	Weight	Overall Dimension (mm)	Luggage Tunnel (mm)	Working Temperature/Humidity	Power Consumption	Power Source
Sharpshooter 5010-DC2	1300kg	L3340×W2370×H2600	W650×H500	-5~40℃ / 10%~90%	1200W	220VAC, 50±3Hz

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Other Models:

Persona X DC1

Persona X DC3

Special Features:

- Luggage tunnel size: 500×500mm
- One stop X-ray scan of luggage and body, imaging clear, sync record
- Scan time: <3s

Special Features:

- Luggage tunnel size: 1000×1000mm
- One stop X-ray scan of luggage and body, imaging clear, sync record
- Scan time: <3s

Model	Weight	Dimension (mm)	Luggage Tunnel(mm)	Working Temperature/Humidity	Power Source	Power Consumption
Sharpshooter 5010-DC1	1200kg	L3340×W2370×H2600	W500×H500	-5~40℃ / 10%~90%	220VAC, 50±3Hz	1200W
Sharpshooter 5010-DC3	2100kg	L6000×W2500×H2600	W1000×H1000	-5~40℃/ 10%~90%	220VAC, 50±3Hz	1600W