SIGMA
SECURITY SYSTEM

ENGINEERED FOR
SAFE & SECURE SCREENING

Si-727

MILLIMETER WAVE FULL BODY SCANNER

NEXT GENERATION



NON-CONTACT FULL BODY SCREENING

Advanced millimeter-wave technology detects concealed threats without physical contact.

HIGH THROUGHPUT INSPECTION

Fast screening process with inspection time under 3 seconds for efficient passenger flow.

PRIVACY PROTECTION

IDEAL FOR

- AIRPORTS
- GOVERNMENT BUILDINGS
- DEFENSE FACILITIES
- EDUCATIONAL INSTITUTIONS
- EVENTS & EXHIBITIONS
- INDUSTRIAL FACILITIES

INTERNATIONAL SECURITY STANDARDS

Meets the world's standard test certifications, including CE (EMC, LVD), ROSH, and FCC.

KOREAN TECHNOLOGY

Proudly engineered and manufactured in Korea.

GLOBAL SUPPORT

Reliable after-sales support wherever you are.

KOREAN TECHNOLOGY | www.wesigma.net | info@wesigma.net

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FEATURES & TECHNOLOGY

The Sigma Si-727 Millimeter Wave Full Body Security Scanner is a state-of-the-art security screening solution designed for high-throughput environments requiring non-intrusive, accurate and reliable detection.

Using advanced millimeter wave technology and intelligent analysis, it delivers fast, safe and privacy-protected screening for a wide range of public security applications.

KEY FEATURES

HIGH RELIABILITY

Advanced millimeter wave technology ensures stable performance and accurate threat detection.

HIGH SECURITY

Detects a wide range of metallic and non-metallic threats without physical contact.

EFFICIENT & FAST

Detection time under 3 seconds with throughput of up to 600 people per hour.

INTELLIGENT TECHNOLOGY

AI-assisted detection and smart algorithms minimize false alarms and highlight potential threats.

EASY TO OPERATE

User-friendly interface with intuitive software for simple and efficient operation.

PRIVACY PROTECTION

Advanced privacy protection technology displays generic human figures, not real images.

EASY INSTALLATION

Modular design for quick setup and flexible integration into various environments.

GOOD SECURITY SCREENING EXPERIENCE

Non-contact, safe and comfortable scanning with humanized posture indication.

TECHNICAL SPECIFICATIONS

Technology	Millimeter Wave	Passage Dimension	2100 (H) × 800 (W) mm
Scan Area	Height: 0.1m – 2m Width: 1.2m	External Dimension	2400 (H) × 1300 (W) × 1300 (D) mm
Image Accuracy	Line Resolution: ≤2mm Spatial Resolution: ≤5mm	Weight	< 500kg
Throughput	100 – 600 people / hour	Power Supply	AC 100V – 240V, 50/60Hz
Detection Time	< 3 seconds	Operating Temperature	-10°C to +50°C

CERTIFICATIONS

CE FCC RoHS

RELIABILITY & CONSTRUCTION

- Non-contact inspection
- No ionizing radiation
- High reliability and low maintenance
- Durable and robust construction
- Safe for all people

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MILLIMETER WAVE FULL BODY SECURITY SCANNER

The Sigma Si-727 Millimeter Wave Full Body Security Scanner is designed for fast, safe and non-intrusive screening of individuals. It provides high-precision detection of metallic and non-metallic threats without physical contact, making it ideal for modern security environments.

< 3 SEC
SCAN TIME



IDEAL FOR

AIRPORTS
Enhances passenger safety and accelerates security screening process.

GOVERNMENT BUILDINGS
Ensures secure access and strengthens protection of public facilities.

DEFENSE FACILITIES
Detects threats effectively to support high-level security operations.

EDUCATIONAL INSTITUTIONS
Provides safe and reliable screening for students, faculty and staff.

EVENTS & EXHIBITIONS
Quickly screens large crowds at events, exhibitions and public gatherings.

INDUSTRIAL FACILITIES
Protects personnel and assets with advanced security screening.

CERTIFIED FOR GLOBAL DEPLOYMENT

ISO 9001:2015
Quality Management System

ISO 14001:2015
Environmental Management System

OHSAS 18001:2007
Occupational Health & Safety Management

IP54 PROTECTION
Protected against dust ingress and water splashes from any direction.

SAFE FOR EVERYONE

- Non-Ionizing Radiation
- Safe for General Public
- Privacy-Preserving Scoening
- Non-Contact Inspection

The Si-727 uses advanced millimeter wave technology to deliver safe, accurate and reliable screening without compromising privacy or comfort.

BUILT FOR RELIABILITY. BACKED BY SUPPORT.

HIGH RELIABILITY
Detects metallic and non-metallic threats hidden between clothing and body.

EFFICIENT & FAST
Inspection time less than 3 seconds with throughput up to600 people per hour.

INTELLIGENT TECHNOLOGY
AI-assisted identification and automatic threat detection.

PRIVACY PROTECTION
Cartoonized display and privacy-preserving imaging ensure confidentiality.

OPTIONAL ACCESSORIES



OPERATOR CONSOLE
User-friendly interface with visualization for easy operation.



HIGH-SPEED PRINTER
Prints scan results quickly for record keeping and analysis.

NON-IONIZING TECHNOLOGY
Millimeter wave technology ensures safe, non-contact and non-ionizing screening.

UP TO 600 PEOPLE / HOUR
High throughput capability for fast and efficient screening of large volumes.

< 3 SECOND SCAN TIME
Ultra-fast scanning for seamless security screening experience.

PRIVACY PROTECTION
Privacy-preserving technology ensures dignity and confidentiality.

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