

CEIA SMD601 Plus Multi-Zone Walk Through Metal Detector

Product Code: 1070-06

Key Features



Superior Detection & Throughput



Quick, Accurate Analysis Full Body



Exceptional Immunity To External Interference



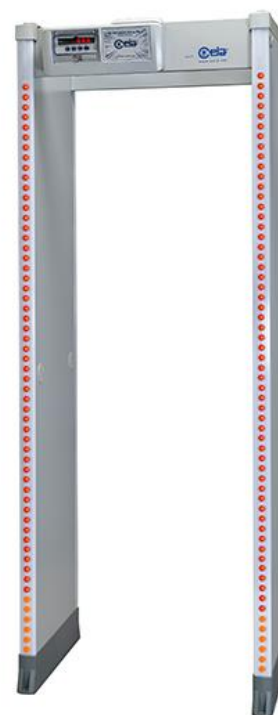
20 Vertical Localisation Zones



Waterproof / Dustproof: IP66 compliant (IEC 60529)



Compliant To NIJ-0601.02 & NIJ-0601.03 Standards



Overview

The CEIA SMD601 Plus Multi-Zone Walk Through Metal Detector is a very sensitive detector, with full height light bar displays that indicate the location of metallic items on individuals.

It provides rapid identification of threats and a reduction or elimination of the need for manual searches.

It has 40+ built-in programs for screening visitors and staff for weapons and contraband, detecting even the smallest metal items anywhere on or in the body.

It is very accurate pinpointing of individual and multiple metal targets

It provides quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar, with It has 20 vertical localisation zones.

It has a high precision transit counter: In-Bound transits; Out-Bound transits & Alarm rate.

Features

Detects full range of metals concealed in body cavities

Does not require re-calibration

Flexible acoustic alarm signalling system: 10 continuous and pulsed tones; 34 special sounds

High visibility of the control unit and of the zone indication, independent from the operator position and the installation environment.

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Application

- Airports & Seaports
- Borders
- Conference facilities
- Correctional Facilities
- Courts
- Educational facilities
- Governmental facilities
- Hotels
- Jails
- Military
- Police
- Public events



Specifications

Gate Structure

- State-of-the-art, robust and washable panels
- Anti-vandal and anti-tampering IP66 control unit
- Embedded high precision transit counters (2-beam photocells)
- Antitampering ON/OFF switch
- Protected against aging, weather and wear

Operational Features

- High discrimination and transit flow rates five or more times greater than other metal detection systems
- Quick reset time as short as 0.2 seconds for high throughput rate
- Very high detection speed (up to 15 m/sec.)
- Built-in operational functional verification (OFV)
- One-touch key reading of inbound, outbound and Security Level Data

Quality

- Continuous self-diagnostic system
- Proven reliability
- No periodic re-calibration and preventive maintenance required
- No scheduled maintenance
- Fully digital design

Alarm Signalling

- Multi-zone display bar for "height on person" localization
- 20 vertical localization zones
- 2 display bars programmable as zone indicators and/or pacing lights
- Specific shoe alarm colour indication
- Green and red metering signals proportional to the mass of the detected target
- 10 selectable continuous and pulsed tone plus 34 special tones
- 10 selectable sound intensities ranging from 0 to 90 dbA at 1m
- Random alarm capability with independent counters, alarm tone and alarm volume
- Met-Identity technology (separate Ferrous and Non-Ferrous alarm signalling)

Type of Signalling

- Fixed or proportional to the mass in transit – visible from 6m under lighting of 4000lux
- 20 x4 distinct zones (20x2 entry side and 20x2 exit side)

Programming

- Remote via Infrared Remote-Control Unit, BT or Ethernet 10/100 base T (option) interface
- Security level: International Standard (IS) command / Chip card
- Local by Control Unit alphanumeric display and keyboard
- Programming and chip card access protected by user and super-user passwords

Installation data

- Automatic synchronisation between two or more metal detectors with distance of down to 5 cm without the use of external cables
- One Touch Automatic Self Installation (OTS)

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Specifications Contd.

Certification & Compliance

- Fully compliant with the NIJ-0601.02 Standard requirements
- Complies with the applicable Standards for Law Enforcement and Correctional Facilities
- Compliant with applicable International Standards for electrical safety and EMC
- Compliant with the applicable electromagnetic Standards on Human Exposure and Pacemaker Safety
- Harmless to magnetic media (CD, tapes, etc)

Environmental Data

- Powered by safe low voltage DC through external switching power supply adapter
- Power Supply : 100 to 227V~ ±10%, 47 to 63Hz, 50 VA typical consumption
- Operating temperature: -20°C to +65°C
- Storage temperature: -37°C to +70°C
- Relative humidity: 0 to 95% (without condensation)

Accessories

Chip Cards



Integrated Camera

- Part Code: 54253



Kit FGA & TFV

This test can be used by technical personnel to check the functionality of the metal detector quickly

- FGA test programming chip card ("Technical Level – FLOOR GAIN ADJUSTMENT")
- AISI 420 sphere, ø44.45mm
- TFV test programming chip card ("Technical Level – FUNCTIONALITY VERIFICATION")
- Instructions for use
- Carrying case



Kit OFV

This test can be used by the operator to check the functionality of the metal detector quickly.

- AISI 420 sphere, ø44.45mm
- Programming chip card
- Instructions for use
- Carrying case



MBSU-2

Independent, long life power supply in weatherproof stainless-steel case, with embedded fast charger

Part Code: # MBSU-2



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Accessories Contd.

IRC-1



MD-Scope

Software for oscilloscope simulation and terminal operation on CEIA Metal detectors.



RCU2

Control unit for full remote access, including alarm signalling and programming of CEIA Walk Through Metal Detectors. The connection is performed via BT wireless communication (standard) or via cable connection.

Part Code: # RCU2



Metal Detector Divesting Table

This accessory, designed to be positioned next to the walk-through Metal Detector, offers a surface for the temporary deposit of metal personal effects which are not of a dubious nature and thus not required to undergo X-ray analysis (coins, keys etc.). The special shape of the surface helps to keep the objects deposited there away from the Metal Detector so as to avoid any possible interference.

Dimensions: 610 x 360 x 975 mm. Part Code: 610mm # 18074 1200mm # 39491 Outdoor version 120



Test Samples Gun Kit

Reference Samples for accurate verification of the Security Level. Includes guided procedures and certificate of calibration.

Part Code: # EMD-SK-GAL



Test Sample Gun Kit Disassembled

Reference Samples for accurate verification of the Security Level. Includes guided procedures and certificate of calibration.

Part Code: # EMD-SK-GDML



Upper Connection Module

This extension cable allows the connection of power supply and serial communication to personal computers or CEIA accessories, such as RCU-2.

Part Code: # 46650



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Accessories Contd.

Waterproof Mains Power Supply

100W IP67 power supply for heavy duty applications. Vandal resistant. It is provided with flanges for simple installation.
Part Code: # 43564



Wheel Kit – Long Range

The Transport and Stabilising Device allows the Elliptic and Panel WTMDs to be easily transported with no need for the operator to disassemble the archway. In addition, it provides archway stability.
Part Code: # 70796



Wheel Kit – Short Range

Part Code: # 75459



APSiM3Plus

Part Code: APSiM3Plus/P



Crossbar battery back-up

Part Code: 55681
Protection cover: 75122



Embedded battery back-up and charger

Part Code: APSM2Plus/P



IP65 Configuration

