SMD600 Plus

VERY HIGH PERFORMANCE ENHANCED METAL DETECTOR

TWO-IN-ONE METAL DETECTOR

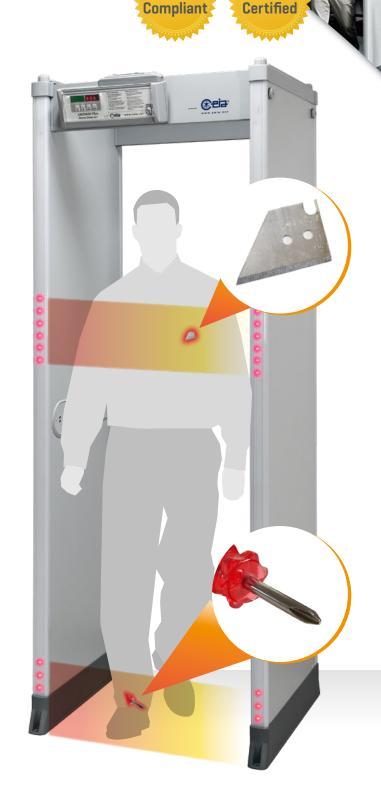
- HIGH SENSITIVITY
 Fully compliant with the NIJ-0601.02
 Law Enforcement Standard
- HIGH DISCRIMINATION
 Compliant with and Certified to the strictest
 Standards for Airport security screening

FEATURES

- Accurate Pinpointing of individual and multiple metal targets
- Exceptional Immunity to external interferences
- Unmatched Reliability
- Rapid Installation

Applications

- ✓ Correctional Facilities
- ✓ Law Enforcement
- ✓ Airports
- ✓ Industries (Security)
- ✓ Nuclear Facilities (Security)
- ✓ Hospitals (MRI)
- ✓ Data Processing Centers



NIJ-0601.02







www.ceia.net



The SMD600 Plus is the first Metal Detector in the market fully compliant with the NIJ-0601.02 Standard, as required in **very high sensitivity** applications, which also allows **very high throughput** in high security public screening checkpoints

Fully compliant with the NIJ-0601.02 Standard



- The Standard establishes the requirements of Sensitivity, Discrimination and Immunity for Law Enforcement and Correctional Facilities. The Standard defines 3 levels of security:
 - 1 LO Level (Large Object Size)
 - 2 MO Level (Medium Object Size)
 - 3 SO Level (Small Object Size)

The SMD600 Plus Metal Detector fully complies with the requirements of the NIJ0601.02 Standard for all Security Levels, and can therefore be applied in situations from the inspection of visitors to that of inmates in top-security checkpoints, even in areas with strong electrical and mechanical interferences.

3 levels of security



LARGE OBJECT SIZE (HANDGUNS)

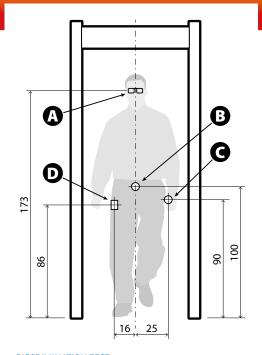


MEDIUM OBJECT SIZE (KNIVES)



SMALL OBJECT SIZE (SMALL HARD-TO-FIND ITEMS)

Innocuous Items

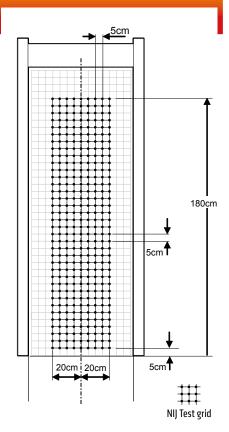


DISCRIMINATION TEST

Clean tester shall carry the innocuous items specified, performing the specified number of transits, walking at normal speed (0,5...1,5 m/s). Ensure that the Metal Detector will trigger less than the indicated number of a

- LO 25 transits with A + B + C + D (max 5 alarms)
- MO 25 transits with A + B (max 5 alarms)
- 50 8 transits with no items (no alarms allowed)
- A Eyeglasses
 B Belt buckle
- Watch
- Set of coins

Test Positions



DETECTION TEST OBJECT TRANSITS

Perform, for each Test Object, two passages, one forward and the other backwards, for each position and for each orientation, verifying that for every transit an alarm is triggered.

Two-in-One Enhanced Metal Detector: the SMD600 Plus is a very high sensitivity Metal Detector that also offers characteristics of high discrimination and high detection uniformity



- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Very accurate pinpointing of individual and multiple metal targets



- A full-height light bar displays the location of the detected metal masses in transit. This results in rapid identification of threats and a reduction or elimination of the need for manual searches.
- Built-in programs to screen visitors and staff for weapons and contraband



Very High Throughput



 Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow

The transit volume magnetic scanning system, invented by CEIA and applied since production of the first zonal Metal Detectors in 1986, allows state-of-the-art detection and discrimination results. The SMD600 Plus has an extremely low nuisance alarm rate even at the strictest Security Levels requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.







Unique Alarm Signaling



 4 Multi-Zone Display Bars, each programmable as entry Stop/Go and/or local alarm indication

Accurate signaling is essential for best operation and flow management. The SMD600 Plus provides the user with fully-programmable signaling. Both entry-points can indicate with a high level of accuracy, even simultaneously, the areas of transit of the threats detected, and can also be configured as 'traffic lights' to control transits through the detector.

Flexible Acoustic Alarm Signaling System:

✓ 10 Continuous and Pulsed Tones
 ✓ 34 Special Sounds



10 Acoustic Intensity Levels

A complete acoustic alarm system allows personalization of the alarm tones and intensities, with a wide choice of continuous, pulsed and special tones at different levels of intensity. The wide volume control dynamic allows operation even in very noisy environments.

High Precision Transit Counter

The Metal Detector provides an automatic count of the people passing through the access point in both directions and the related nuisance alarm percentage.

- ✓ In-Bound Transits
- ✓ Out-Bound Transits
- ✓ Alarm Rate
- Automatic Compensation for repeated transits of the same person



4-beam very high precision transit counter is also available for enhanced performances (option)

Most Powerful and Versatile Security Features



Up to 50 built-in Security Programs

☑ Up to 30 International Standards ☑ Up to 20 Customizable Levels
Setting the Security Levels could not be easier and more versatile than
in the SMD600 Plus. Users can choose directly from the known International Standards or request implementation of a Standard personalized
to their own requirements. Users can also create their own work program

and save it in internal memory provided for the purpose.



- Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc...) and security level selection
- Any security standard can be enhanced with selectable random alarm probability



CHIP CARD SYSTEM

Chip Card for automatic selection of Security Levels and parameter changes.

Communication Capabilities





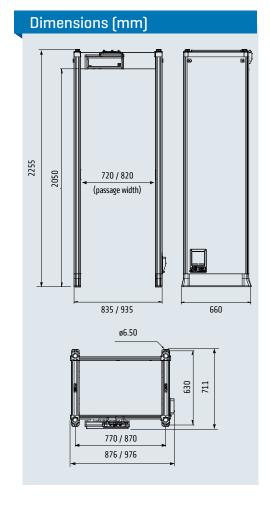


TYPE OF OPERATION	Ethernet	USB	Infrared	Bluetooth	RS-232
Maintenance	0	0		•	•
Remote Control	0		•	•	•
Remote Data collection	0				

STANDARD OPTION

Model Configuration

Features	SMD600 Plus/PZ
Fully compliant with, and exceeding, the NIJ-0601.02 Standard	•
Very high throughput in high security public screening checkpoints	•
4 display bars each programmable as zone indicators and/or pacing lights	•
Dual Side 20 x 2 localization zones	•
High precision transit counter (2-beam)	•
Chip Card Reader	•
Bluetooth, infrared and RS-232 communication	•
Programmable Random Alarm capability	•
3-Level Password and hardware key access protection	•
Met-Identity technology (separate Ferrous and Non-Ferrous alarm signaling)	•
One Touch Automatic Self Installation (OTS)	•
Automatic Operational Functional Verification (OFV)	•
Automatic Vibration Compensation (AVS, EVA)	•
Automatic Channel Search (CS)	•
Automatic Floor Gain Adjustment (FGA)	•
Automatic Technical Functional Verification (TFV)	•
Automatic Environmental Noise Compensation (ENA)	•
Powered by safe low voltage DC	•
Anti-tamper on/off switch	•
Integrated web-server & logger (includes Ethernet and USB interface)	0
Weather resistant protection	0
Anti-vandalism, anti-tampering protection	0
IP65 protection (includes weather resistant and anti-vandalism options)	0
Embedded battery charger and under-voltage protection	0
Long life crossbar battery back-up	0
820 mm useful passage width	0
Very High precision transit counter (4-beam)	0





Green and Red Metering Signals
Proportional to the Metal Mass
Detected

■ STANDARD • OPTION

Very High Performance Enhanced Metal Detector

Options / Upgrade Kits

Weather Resistant Protection

Kit for upgrading the standard version to outdoor applications according to IEC 60950-22; this kit includes shelters, crossbars, protection covers for power supply and IP67 mains power supply adapter.

- 720 mm passage width (part # 55630)
- 820 mm passage width (part # 55633)





Anti-vandalism, Anti-tampering Protection

This option includes stainless steel control unit, IP67 mains power supply adapter, protection covers for power supply and antenna connection compartments, equipped with screws requiring tools for removal. Part # 55629







> IP65 Protection

This option includes the Weather Resistant and Anti-vandalism kits.

- 720 mm passage width (part # 55631);
- 820 mm passage width (part # 55632)

> 820 mm Useful Passage Width

Part # 55635

Long life crossbar battery back-up

Crossbar battery back-up in stainless steel case. Provides up to 8 hours of autonomous working time.

Part # 55681



➤ Embedded Battery Charger and Under-voltage Protection

Anti-tamper on/off switch, RS-232 interface, battery charger with 12 hours mains disconnection diagnostic alarm. Part # APSM2Plus/P





Integrated Web-server & Logger, Battery Back-up and Charger

Anti-tamper on/off switch, RS-232, USB, 10/100 baseT Ethernet interface, data logger, real-time clock, integrated web-server, transit statistical data analysis, 20' internal battery back-up with 12 hours mains disconnection diagnostic alarm. Part # APSiM2Plus/P

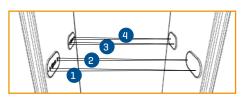




Very High Precision Transit Counter

Four photocells fitted into the archway allow counting of transits, alarms and percentage of alarms. The 4-beam version further increases accuracy in counting and determination of transit direction, even in intense transit conditions. Part # 46112





Accessories

> Chip Cards

Chip cards for simple and secure selection of Security Levels and parameter setting. List of chip-cards available on request.



RCU2

Control unit for full remote access,including alarm signalling and programming of CEIA Metal Detectors. Part # RCU2



MBSU-2

Independent, compact size, long life power supply in weatherproof stainless steel case, with embedded fast charger:

• 25.5 hours typical (17.5 hours minimum) continuous operation with SMD600 Plus

Part # MBSU-2



MD-Scope

Powerful, PC based installation and service Software. Includes oscilloscope and terminal functionality.

Part # MD-SCOPE2



Metal Detector Divesting Table FOR MANAGEMENT OF PERSONAL METAL BELONGINGS

- Standard length: 610 mm (Part # 18074)
- Extended length: 1200 mm (Part # 39491)

> IRC-1

Infrared Remote Controller for wireless remote programming of the control unit.

Part # 47180



Reference Test Samples

CEIA provides certified Test Samples reproducing for shape, material and signal on WTMDs the same effect of the reference targets

- Part # NIJ-0601.02-SKN: complete test samples kit for NIJ-0601.02 detection and discrimination compliance verification.
- Part # NIJ0601.02S0/M0-SK: test samples kit for NIJ-0601.02 M0 and SO classes detection capability verification.
- · Part # EMD-SK-GDM-FV: reference samples for accurate verification of the disassembled guns Security Level.

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 # 46650

> RRU

Remote relay unit (RRU) to repeat the detection alarms of the gate through a relay contact. The RRU module can be used for integration of the Metal Detector in interlocked door systems.

Part # RRU





Waterproof Mains Power Supply

100W IP67 power supply for outdoor applications. It is provided with flanges for simple installation.

Part # 43564





Specifications

KEY FEATURES	Very High Sensitivity	Automatic Technical Functional Verification (TFV)			
	Very High Discrimination	Automatic Environmental Noise Compensation (ENA)			
	Fully compliant with, and exceeding, the NIJ-0601.02 Standard	Met-Identity technology identifies and signals the metal type in real time			
	Very high throughput in high security public screening checkpoints	Random alarm capability programmable from 0% to 100%			
	20 x4 high precision localization zone x display bar	Exceptional Immunity to external interferences			
	One Touch Automatic Self Installation (OTS)	High precision bidirectional counter with automatic rescreening compensation			
	Automatic Operational Functional Verification (OF	Chip Card capability for fast, simple, and secure programming			
	Automatic Vibration Compensation (AVS,EVA)	Powered by safe low voltage DC			
	Automatic Channel Search (CS) Automatic Floor Gain Adjustment (FGA)	Standard Interfaces: RS-232, Bluetooth, Infrared Other available interfaces: Wi-Fi, Ethernet, USB			
QUALITY	Continuous self diagnostic system				
40/12/11	Proven reliability				
	No periodic re-calibration and preventive maintenance required No scheduled maintenance				
	Fully digital design				
WALK-THROUGH	State-of-the-art, robust and washable panels				
GATE STRUCTURE	Protected against aging, weather and wear				
CENTRAL	Ergonomic and robust design				
CONTROL UNIT	High visibility alphanumeric display and programming keyboard				
	Made of advanced plastics or stainless steel and anti-vandalism construction (option)				
	- rade or davanced plastics or stailiness steer and a	ti ranaansii construction (option)			
	Access to the front panel protected by hardware ke	v and 3 levels of passwords			
AI ARM	Access to the front panel protected by hardware ke	,			
ALARM SIGNALING	VISUAL Multi-zone display bar for "heig	nt on person" localization			
	VISUAL Multi-zone display bar for "heig SIGNALS 4 light bars with selectable entr	nt on person" localization //exit and pacing indication			
	VISUAL Multi-zone display bar for "heig SIGNALS 4 light bars with selectable entring Green and red metering signals."	nt on person" localization //exit and pacing indication proportional to the mass of the detected target			
	VISUAL Multi-zone display bar for "heig 4 light bars with selectable enti-Green and red metering signals AUDIO 10 selectable continuous and p	nt on person" localization //exit and pacing indication proportional to the mass of the detected target llsed tone plus 34 special tones			
SIGNALING	VISUAL SIGNALS Multi-zone display bar for "heig 4 light bars with selectable entr Green and red metering signals AUDIO 10 selectable continuous and p 10 selectable sound intensities	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target ulsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m			
	VISUAL SIGNALS Multi-zone display bar for "heig 4 light bars with selectable entrogreen and red metering signals AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target lsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux			
TYPE OF SIGNALING	VISUAL SIGNALS AUDIO SIGNALS 4 light bars with selectable entry Green and red metering signals AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones	to on person" localization y/exit and pacing indication proportional to the mass of the detected target sleed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side)			
TYPE	VISUAL SIGNALS Multi-zone display bar for "heig 4 light bars with selectable entrogreen and red metering signals AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target sleed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels)			
TYPE OF SIGNALING	VISUAL Multi-zone display bar for "heig SIGNALS 4 light bars with selectable entrogreen and red metering signals AUDIO 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Interemote via RS-232, Infrared Remote Control Unit, interface	or operson" localization a/exit and pacing indication or oportional to the mass of the detected target alsed tone plus 34 special tones anging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option)			
TYPE OF SIGNALING	VISUAL SIGNALS AUDIO 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Interface SECURITY LEVEL International Standard (IS) com	or operson" localization a/exit and pacing indication or oportional to the mass of the detected target alsed tone plus 34 special tones anging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option)			
TYPE OF SIGNALING	VISUAL SIGNALS AUDIO 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target slised tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth or Ethernet 10/100 base T (option)			
TYPE OF SIGNALING	VISUAL SIGNALS AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target slised tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand			
TYPE OF SIGNALING	VISUAL SIGNALS AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key Programming and chip-card access protected by use	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target sleed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords			
TYPE OF SIGNALING PROGRAMMING	VISUAL SIGNALS AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target sleed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL	VISUAL SIGNALS 4 light bars with selectable entrogreen and red metering signals AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key Programming and chip-card access protected by us Quick reset time as short as 0.2 seconds for high the	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target elsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL	VISUAL SIGNALS 4 light bars with selectable entrogreen and red metering signals AUDIO SIGNALS 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 10 selectable continuous and p 10 selectable sound intensities VISUAL VIS	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target alsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL	VISUAL SIGNALS AUDIO IO selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key Programming and chip-card access protected by use Quick reset time as short as 0.2 seconds for high the Very high detection speed (up to 15 m/sec.) Built-in operational and technical functional verifice One-touch key reading of inbound, outbound and Secondary signals.	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target alsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL FEATURES	VISUAL SIGNALS AUDIO IO selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key Programming and chip-card access protected by use Quick reset time as short as 0.2 seconds for high the Very high detection speed (up to 15 m/sec.) Built-in operational and technical functional verifice One-touch key reading of inbound, outbound and Secondary signals.	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target alsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate ation ecurity Level Data			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL FEATURES	VISUAL SIGNALS AUDIO 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Inte Remote via RS-232, Infrared Remote Control Unit, interface SECURITY LEVEL International Standard (IS) com Chip card Local by Control Unit alphanumeric display and key Programming and chip-card access protected by use Quick reset time as short as 0.2 seconds for high the Very high detection speed (up to 15 m/sec.) Built-in operational and technical functional verifice One-touch key reading of inbound, outbound and S Automatic synchronisation between two or more re-	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target alsed tone plus 34 special tones ranging from 0 to 90 dbA at 1m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate ation ecurity Level Data			
TYPE OF SIGNALING PROGRAMMING OPERATIONAL FEATURES	VISUAL SIGNALS Multi-zone display bar for "heig 4 light bars with selectable entrogreen and red metering signals AUDIO 10 selectable continuous and p 10 selectable sound intensities VISUAL Fixed or proportional to the ma VISUAL ZONE INDICATION 20 x4 distinct zones Up to 50 built-in security programs (up to 30 Interface SECURITY LEVEL International Standard (IS) come this come control Unit, interface SECURITY LEVEL Local by Control Unit alphanumeric display and key Programming and chip-card access protected by use Quick reset time as short as 0.2 seconds for high the Very high detection speed (up to 15 m/sec.) Built-in operational and technical functional verifice one-touch key reading of inbound, outbound and Second access the use of external cables	nt on person" localization y/exit and pacing indication proportional to the mass of the detected target alsed tone plus 34 special tones ranging from 0 to 90 dbA at 1 m s in transit - visible from 6m under lighting of 4000lux (20x2 entry side and 20x2 exit side) national Standards, up to 20 Customizable Levels) Bluetooth tm or Ethernet 10/100 base T (option) mand board er and super-user passwords roughput rate ation ecurity Level Data			

Environmental Data

- POWER SUPPLY: 100...240V~ -10/+15%, 47...63Hz, 40 VA max
- OPERATING TEMPERATURE: -20°C to +70°C (-37°C to +70°C upon request)
- STORAGE TEMPERATURE: -37°C to +70°C
- RELATIVE HUMIDITY: 0 to 95% (without condensation)

Certification and Compliance

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

Comprehensive support

CEIA PROVIDES FULL OPERATIONAL AND TECHNICAL TRAINING SUPPORT BY CERTIFIED PERSONNEL EITHER AT CEIA FACILITY OR AT CUSTOMER PREMISES

- · phone technical support
- · in-house and on-site repair/services
- standard and custom training





Zona Industriale 54/G, 52041 Viciomaggio - Arezzo (ITALY)
Tel.: +39 0575 4181 Fax: +39 0575 418298 E-mail: infosecurity@ceia-spa.com