



## SMD600 PLUS CEIA

VERY HIGH PERFORMANCE  
ENHANCED METAL DETECTOR

- ACCURATE PINPOINTING OF INDIVIDUAL AND MULTIPLE METAL TARGETS
- EXCEPTIONAL IMMUNITY TO EXTERNAL INTERFERENCES
- UNMATCHED RELIABILITY
- RAPID INSTALLATION

### 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)

### TWO-IN-ONE ENHANCED METAL DETECTOR

- 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
- 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 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.**

### UNIQUE ALARM SIGNALING

- 4 Multi-Zone Display Bars, each programmable as entry Stop/Go and/or local alarm indication
- Flexible Acoustic Alarm Signaling System :
  - 10 Continuous and Pulsed Tones
  - 34 Special Sounds
- 10 Acoustic Intensity Levels

### MOST POWERFUL AND VERSATILE SECURITY FEATURES

- Up to 50 built-in Security Programs :
  - Up to 30 International Standards
  - Up to 20 Customizable Levels
- 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

**UNDER THE ALARM THRESHOLD**

- Small metallic mass
- Medium metal mass

**OVER THE ALARM THRESHOLD**

- Medium metal mass
- Large metal mass



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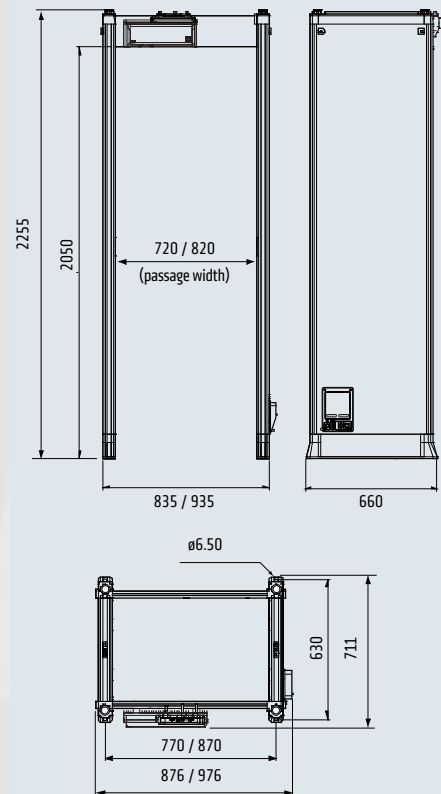
### SPECIFICATIONS

Quality	Continuous self diagnostic system	
	Proven reliability	
	No periodic re-calibration and preventive maintenance required	
	No scheduled maintenance	
	Fully digital design	
Walk-through gate structure	State-of-the-art, robust and washable panels Protected against aging, weather and wear	
Alarm signalling	Visual signals	Multi-zone display bar for "height on person" localization
		4 light bars with selectable entry/exit and pacing indication
		Green and red metering signals proportional to the mass of the detected target
	Audio signals	10 selectable continuous and pulsed tones
		10 selectable sound intensities ranging from 0 to 90 dbA at 1m
Type of signalling	Visual	Fixed or proportional to the mass in transit - visible from 6m under lighting of 4000lux
	Visual zone indication	20 x4 distinct zones (20x2 entry side and 20x2 exit side)
Operational features	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 and technical functional verification	
	One-touch key reading of inbound, outbound and Security Level Data	
Walk-through gate structure	State-of-the-art, robust and washable panels Protected against aging, weather and wear	
Programming	Up to 50 built-in security programs (up to 30 International Standards, up to 20 Customizable Levels)	
	Remote interface via RS-232, infrared remote control module or Ethernet 10/100 base T (Optional)	
	Programming and chip-card access protected by user and super-user passwords	
	Local by Control Unit alphanumeric display and keyboard	
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)	

### OPTIONS AND ACCESSORIES

- Weather protection kit
- Protection against vandalism, tampering and sabotage
- Protection IP65
- Long life additional batteries
- Useful passage width of 820mm
- Backup batteries and integrated charger

### DIMENSIONS



### HTDS

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