



# Walk Through Metal Detector AT300S(indoor use)

## Product highlights

- \* Power on self test(POST) and diagnosis by component
- \* Modular components design for easy and quick transportation and maintenance
- \* Stable performance, 33 localization zones options
- \* Sensitivity adjustment by each zone
- \* Detection of flying objects
- \* Powered by safe low voltage DC
- \* Enter power saving mode and wake-up automatically
- \* DSP Highly integrated digital processing technology brings stable performance avoid false alarm
- \* One key restore of the initial parameters
- \* Password and hardware key access protection
- \* Two LED indicating bars showing threat locations on human body
- \* Detect threat objects including magnetic, non-magnetic metals and mixed alloys with high sensitivity to find tiny threat
- \* Super low detection height
- Metal intensity display
- Automatic metal detection with zone indication
- \* Authorized access to control panel for password Protection
- \* Leg Design
- Non Foldable



## Technical specification

Digital pulse technology	Digital signal processing and filtering system with excellent ability to resist electromagnetic interference
Low-intensity magnetic field technology	Compliant with international safety standard, and harmless to pacemakers, pregnant women, floppy disks, films, videos, etc.
Operation control	Operates with a remote controller and 5 buttons for calibration of sensitivity, volume level, tone, counter reset at the screen for all functions
Display	7 inch LCD in the front 10 inch LCD on the back
Detection zone	Maximum 33 localization zones to identify multiple target locations, 11 from head to toe, 3 from left to right
Minimum height of detection	10mm
Alarm	- Sound and light for alert, 2 LED light bars on both of the front door frame sides Adjustable Alarm sound level and tone. Alarm for metal and temperature. - 16 sounds and 20 volume levels for selection - Sound length 0-9 seconds for selection - LED alarm time 0-9 seconds for selection
Counter	Intelligent traffic and alarm counters that calculate traffic flow, in and out, and the alarm result.
Calibration	No need periodic calibration
Detect speed	Maximum 100 person/minute, adjustable

Sensitivity limit	Can detect a one-cent RMB coin, or a clip
Sensitivity setting	0-300 adjustable by each zone, according to the size and density of metal objects to be detected 30 application sites pre-set for selection
Adjustable signal frequencies	100 working frequency/channel options Eliminate the potential effects from X-ray units, radios and other electrical interference sources.
Minimum distance between two WTMD	0.5m at high sensitivity
Tamper-Proof	Operation program is protected by password
Gate material	Special material board, fire-proof, corrosion proof, moisture-proof, anti-collision, and no deformation.
Passenger and alarm record	100,000 records for passengers in and out and alarm
Optional thermal sensor	For human body temperature monitoring, alarm when exceeding limit
Options	Integrated with CCTV system, including camera, NVR/Storage, additional display, computer, switch, etc.

Program Setting	
Sensitivity	Display
Alarm	Diagnosis
Zone	Safety grade
Time	Location
Language	Records
System	Password



## Operating Environment

Power supply	AC100V~240V 50/60Hz
Power adapter	Output: 15Vdc, 5A Dimensions (L x W x H): 115x50x30 mm Cable length: 2.5m Weight: 0.3KG
Maximum power consumption	15W
Operation temperature/Humidity	-20°C ~ 60°C / 0% ~ 95% (non-condensing)
Storage Temperature/Humidity	-20°C ~ 60°C / 20% ~ 95% (non-condensing)

## Physical Specification

Unit weight (kgs)	65
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Outer frame	2230mm (h) * 820mm (w) * 550mm (d)
Inner frame	2000mm (h) * 700mm (w) * 500mm (d)
after packed in carton -	
Gross weight (kgs)	70
Packing size	#1: 76.5 * 45 * 27cm
	#2: 229 * 66.5 * 26.5cm

#### Components

- \* 21 inch Full HD Monitor
- \* Power Cable & Other Accessories for installation and operation
- \* Pre Installed Software
- \* AVR 1KVA with efficiency  $\geq 90\%$  for Protection
- \* Industrial grade 8\*10/100/1000 Mbps Ports switch
- \* Equipment comes with calibration

#### Compliance

International	* ISO19001; ISO14001; ISO45001
	* CE EMC, LVD, RoHS
	* FCC



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