

Product Name	18 Zone- Walk Through Metal Detector
Model No.	CINT/SAFEGATE-18Z
Description	<p>SAFEGATE is a high performance eighteen zone walkthrough metal detector. Each detection zone functions as an independent detector and automatically increases discrimination by reducing the cumulative signal effect caused by distributed harmless objects.</p> <p>A full-height light bar displays the location of the detected metal masses in transit. This results in rapid identification of threat and a reduction of manual searches. LED bar-graph, indicator lamps, sensitivity and alarm controls are provided in the console at the top of the door frame.</p> <p>Only components of the highest quality and proven reliability are employed in the manufacture of SAFEGATE to ensure a long, trouble-free life. A mother board system with plug-in cards is employed for minimum down time and ease of serviceability.</p> <ul style="list-style-type: none"> • Reliable microprocessor based design • 18 zone detection for precise target location • Individual zone sensitivity adjustment • Intelligent traffic counter • Password protection • Internal battery backup of over 12hrs
DETECTION ZONES	18 overlapping detection zones
Operating Principal	
Power Source	SMPS 90-270V AC & 12V/7AH battery seamless battery changeover in case of mains failure Batteries are internally & automatically charged during operation.
CALIBRATION	Automatic calibration. No initial or periodic calibration necessary.
Sensitivity	200 sensitivity levels for precise detection of target objects
Indicators	<p>a) Adjustable audio indication</p> <p>b) Composite zone indicator</p> <p>c) LED bar graph signal strength indicator</p> <p>d) High bright LED zone display on front & back of side panels</p> <p>e) Large LCD display for counting and message annunciation.</p>

INTERFERENCE REJECTION	High immunity to external electrical interference, such as x-ray machines, Computer or CCTV monitors detected.
Intelligent Traffic Counter	Microcontroller based intelligent LCD counter to indicate in, out and algebraic sum of the traffic.
MEMORY	Parameters stored in non-volatile RAM so no loss of settings as a result of power failure or turning off the unit.
BATTERY BACKUP	Integral 12V 7AH chargeable battery with built-in charger to cope with power failures of over 12 hours.
CONSTRUCTION	Rugged structure made of detachable laminated side panels for ease to install & transportation
WEIGHT	70 Kgs (Approx)