

# SAFEGATE-8Z

Facial Recognition Based 16 Zone  
Walk Through Metal Detector

SAFEGATE-8Z is a high performance Sixteen 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.

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.

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.



- Reliable microprocessor based design
- 16 zone detection for precise target location
- Built in facial recognition system
- 99.86% accuracy rate
- AES-256 encryption on all facial signatures and images
- Low field strength - no affect on pacemakers and magnetic media

**SENSITIVITY:**

250 sensitivity levels for each zone for precision detection of target objects.

**CALIBRATION:**

Automatic calibration. No initial or periodic calibration necessary.

**DETECTION ZONES:**

16 overlapping detector zones. Detects ferrous and non-ferrous

**INDICATORS:**

- a) Adjustable audio indication.
- b) LED bar graph signal strength indicator
- c) High bright LED zone display
- d) Large LCD display

**INTERFERENCE REJECTION:**

High immunity to external electrical interference, such as x-ray machines, Computer or CCTV monitors detected

**TEMPERATURE:**

-20Deg C to +55Deg C & humidity of 95% non-condensing

**FACIAL RECOGNITION:**

The platform is architected to economically scale with high performance and rapid processing to detect and match millions of faces in real time. It's computational performance enables it to sample a face multiple times during the same period of time that other algorithms only sample once, subsequently compounding accuracy

**CAMERA:**

2MP high resolution for enhanced facial detection

**FLEXIBLE DEPLOYMENT:**

Entirely on premises, or your cloud. Designed to connect, adapt, and extend to specialized applications, and custom integrations.

**CONSTRUCTION:**

Weatherproof rugged structure made with detachable ABS laminated side panels for ease to install & transportation. ABS plastic boots for panel protection

**WEIGHT:**

70Kgs (Approx)



Built for live video

Scale



Pose



Occlusion



Sentiment



Makeup



Illumination

