MZ8
DETECTION PORTAL

Metal Weapons, Bomb Components and Contraband

AUTOCLEAR
SECURITY INSPECTION SYSTEMS

MULTIZONE DETECTION

METAL DETECTION

This multizone portal detects the complete range of metal weapons, bomb parts and other threats while keeping false alarm rates low to maximize traffic flow. A vertical LED light bar indicates the presence of metal targets concealed within eight horizontal zones. Individual adjustments reduce false alarms on personal items like keychains, coins, buckles, shoe shanks and large jewelry. Powerful software optimizes detection and reliability.

- Detects the smallest, thinnest weapons
- Eight distinct horizontal zones for accurate, automatic threat location
- 100 fully programmable sensitivity settings
- True digital signal processing with advanced electronics for exceptional reliability and immunity from surrounding electronic interference

APPLICATIONS:

- Justice and Correctional
- Embassies and Consulates
- Nuclear Power Plants
- High Security Events
- Seaports
- Government Buildings
- Schools
- Critical Infrastructure
- Hotels
- Banks

MZ8 SPECIFICATIONS

METAL DETECTION

PHYSICAL DETAILS

Overall Dimensions:	61.0 x 89.0 x 221.0 cm 24.0 x 35.0 x 87.0 in. (L x W x H)
Passageway Clearance:	71.0 x 201.9 cm 28.0 x 79.5 in. (W x H)
Weight:	64 kg (140 lbs.)
Power:	90–265 VAC (<1 Amp) 50–60 Hz ±3 Hz
Environmental Conditions:	Temperature: -10° to 55°C Humidity: 0–98%, non-condensing

ELECTRONICS

Advanced high-speed digital signal processor with non-volatile, non-erasable memory, LCD display, large LED bar graph meter, with selectable vertical LED zone indicators and audio/visual alarm

ARCHWAY

Seamless architectural plastic housing

STANDARD FEATURES

- Digital signal processing circuitry
- 0-99 selectable sensitivity range settings
- 100 standard programs
- Multi-field antennas
- LCD indicates settings, operational menus and diagnostic functions
- LED power and alarm status indicators
- Traffic counter
- Blue-grey laminate housing color
- One-year warranty on electronics
- Lifetime warranty on housing

OPTIONS

- Remote command center
- Battery backup
- 61.0 cm (24.0 in.) and custom widths
- Matching key side table 59.0 x 37.0 x 96.0 cm (23.2 x 14.6 x 37.8 in.) L x W x H
- Floor anchor kit
- Built-in power conditioner
- Tools-free hardware
- Weatherization
- Custom laminate housing color
- Extended warranty

AUTOCLEAR
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