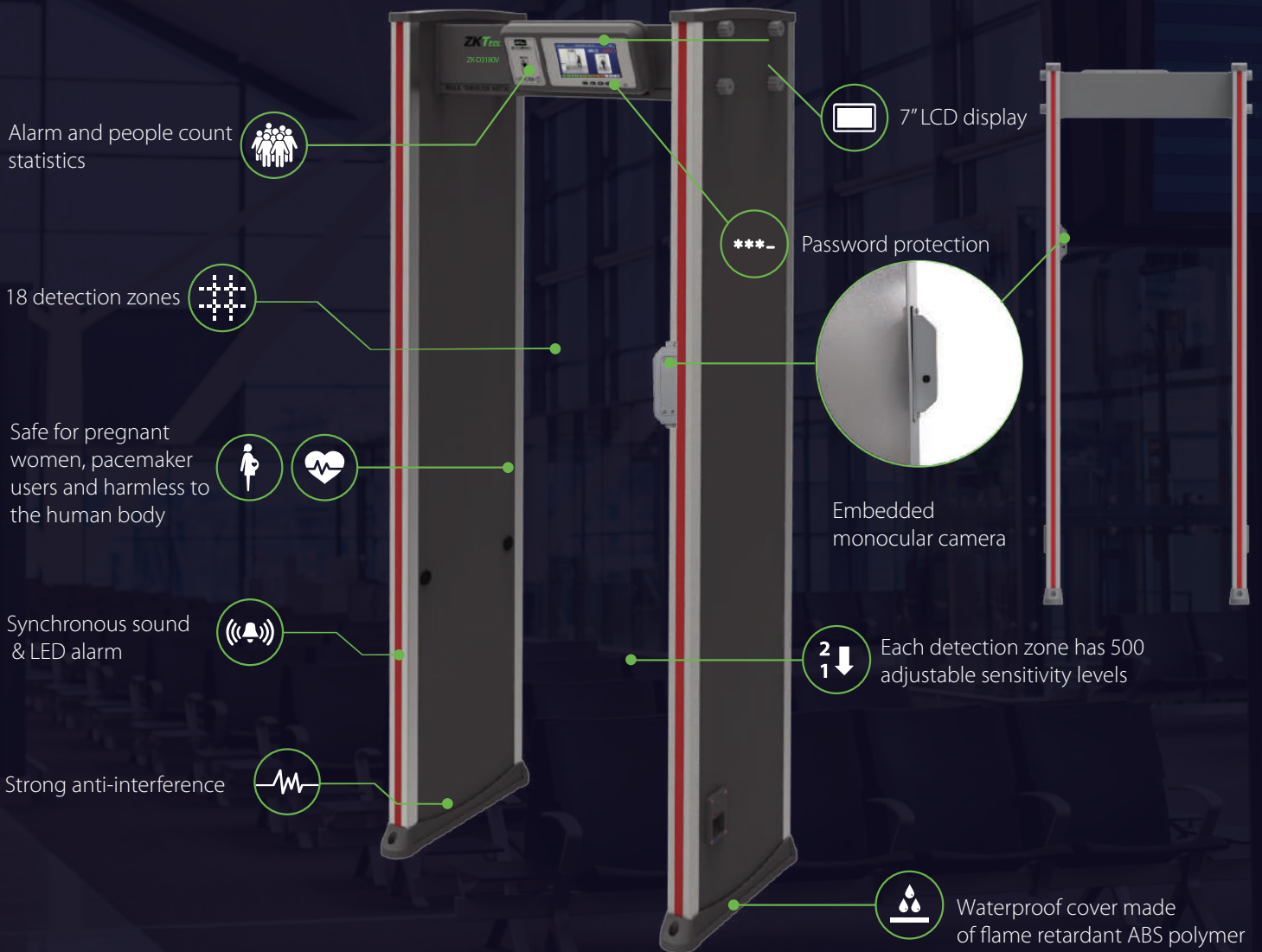


# ZK-D3180V

## Walk Through Metal Detector with Embedded Camera



ZK-D3180V is a walk through metal detector designed for precise security detection. Featuring 18 detection zones with 500 adjustable sensitivity levels, it offers good accuracy to detect small threats while ensuring safe operation for the human body.

The ZK-D3180V uses technology to improve security inspection. Its embedded 2MP camera and 7-inch LCD display support live video, which assist the security personnel to track passenger detection process and study alarm statistics.

ZK-D3180V provides synchronized LED and audio alerts with passenger image capture. Also, the anti-interference technology and comprehensive alarm records make it ideal for high-security venues, such as schools and corporate entrances. This metal detector is ideal for securing high-traffic areas such as schools, public venues, and corporate entrances.

## Features

- Multi Zones Precision

18 detection zones and 500 sensitivity levels allow precise contrabands detection.

- Intuitive Menu Design

The 7-inch LCD display is easy to use for monitoring in real time, tracking passenger counts, and viewing alarm records.

- Record Storage

With the capacity to store over 100,000 records, the metal detector ensures comprehensive event logging and historical tracking.

- Camera Capture

Embedded 2MP camera to capture passenger fully-face image detection live video and links to alarm record.

- Photo Linkage

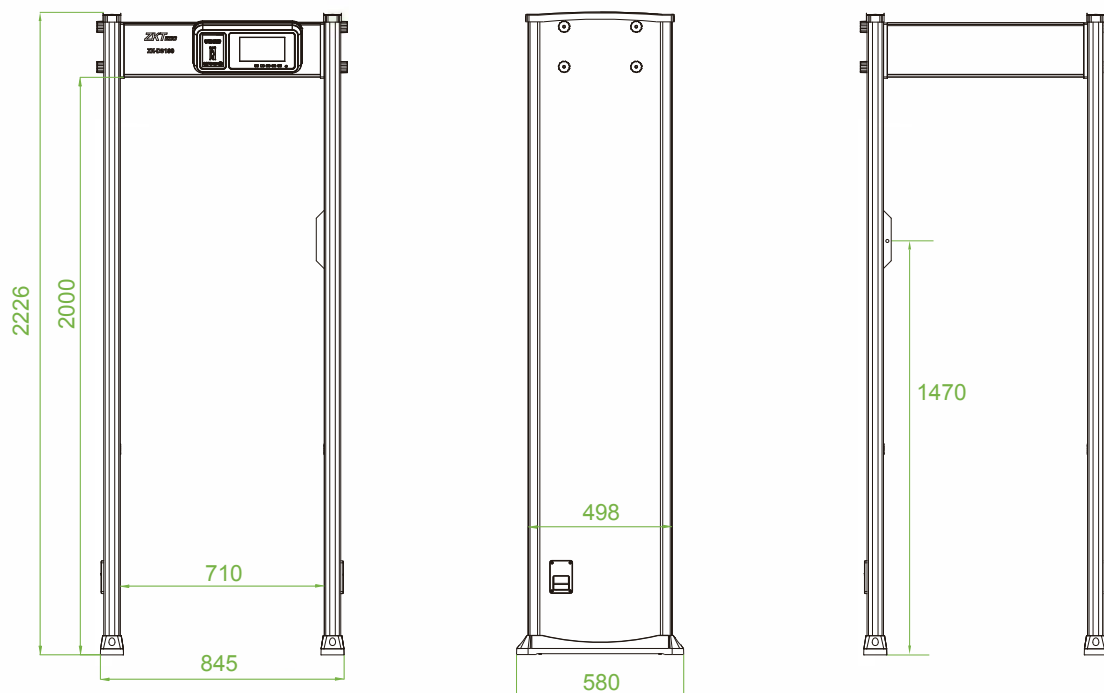
Automatically links up to 6 alarm records with corresponding photos for detailed incident reports.

## Specifications

| Model                      | ZK-D3180V                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Display                    | 7" LCD Color Screen (800*480)                                                                                    |
| Physical Keypad            | 5 keys                                                                                                           |
| Overhead Control Unit      | Live video, Photo (link up to 6 alarm records), Alarm Count, Pass Count, Channel, Date & Time, Battery Indicator |
| Photo Resolution           | 240*320                                                                                                          |
| Camera                     | Embedded monocular 2MP camera                                                                                    |
| Storage of Records         | >100,000                                                                                                         |
| Detection Mode             | Automatic Detection Mode/ Infrared Detection Mode (default)                                                      |
| Maximum Detection Distance | 20mm-2000mm                                                                                                      |
| Throughput                 | 40 persons per minute                                                                                            |
| Sensitivity Level          | 500 levels                                                                                                       |
| Detection Zones            | 18 zones                                                                                                         |
| Power Supply               | AC100V to 240V (DC12V/3A)                                                                                        |
| Input Voltage              | DC12V                                                                                                            |
| Operating Current          | 1.5A                                                                                                             |
| Operating Power            | 18W                                                                                                              |
| Operating Time (Estimated) | 24/7 operation capability (continuous operation)                                                                 |
| Alarm                      | 16 types of alarm tones (user selectable)                                                                        |
| Alarm Volume               | 0 to 100 (Default value: 80)                                                                                     |

|                                   |                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Visual Indicators                 | 2 sets of LEDs (red) are evenly distributed on the left and right door panels<br>LED (Steady red = metal contraband detected) |
| Detected Contrabands              | Ferrous and non-ferrous metal weapons                                                                                         |
| Self-Diagnosis                    | Yes                                                                                                                           |
| Enclosure Material                | Flame Retardant ABS Polymer, Medium Density Fiberboard, PVC                                                                   |
| Ingress Protection Rating         | N/A (waterproof and dustproof)<br>N/A (vandal resistant)                                                                      |
| Operating Temperature             | -20°C to 55°C                                                                                                                 |
| Storage Temperature               | -25°C to 60°C                                                                                                                 |
| Operating Humidity                | <95% RH (non-condensing)                                                                                                      |
| Operating Frequency               | 5.7KHz to 9.6KHz                                                                                                              |
| Dimensions (L*W*H)                | 2226*845*580 mm                                                                                                               |
| Lane Size (L*W*H)                 | 2000*710*498 mm                                                                                                               |
| Dimensions with Packaging (L*W*H) | 2280*347*660 mm                                                                                                               |
| Weight                            | Gross Weight: 52kg<br>Net Weight: 47kg                                                                                        |
| Certifications                    | CE,FCC, ISO9001                                                                                                               |
| Supported Software                | ZKBio SIS/ZK Metal Detector                                                                                                   |
| Accessories                       | Remote Control                                                                                                                |
| Application Environment           | Indoor                                                                                                                        |

## Dimensions (mm)



## Applicable Scenarios



School



Shopping mall



Entertainment venue



Hotel



Exhibition center



Train Station

