

Arabian Centers – the Kingdom of Saudi Arabia Metal Detection Solution Case Study



Project Description

Arabian Centers is a leading retail real estate owner, developer and property-management Company, and the largest in KSA. They now have a total of 19 malls in KSA combining world-class shopping, dining, and entertainment.

The client is expanding regionally in developing new destinations that will redefine the shopping trend and becomes the first choice for many shoppers, retailers, and investors. It continuously improves its portfolio through the acquisition of new projects and development of new shopping centers.

Project Requirements

With increasing terror attacks globally coming with the growing tension among nations and geopolitical risks, as a reputable entertainment provider, it would be hugely threatening to clients' lives if crisis occur, thus it is definitely necessary to enhance the public security level in order to prevent losses of clients.

Reliable X-Ray Detection System

Being one of the biggest developer and property management company, Arabian Centers is always making sure to keep the people working and visiting in their properties safe. It would however not be realistic and possible to register every visitor's identity, and it would not prevent armed attacks either. Thus, a feasible solution is a system that is able to instantly and effectively detect and recognize dangerous good including weapons in order to stop any potential threat to security.

Small to Medium Parcel Inspection

The client also required a small to medium parcel detection terminal in order to inspect and distinguish suspicious items carried by persons in a short time.

End User: Arabian Centers

Configuration

System	Device Name	Device Model	Unit
Security Inspection	Walk-through Metal Detector	ZK-D3180S	120
	X-Ray Luggage Inspection System	ZKX5030A	8

Features

- The client needed a complete security inspection solution to be deployed on their shopping malls which ZKTeco has provided them. We have deployed x-ray baggage inspection terminals and walk through metal detectors on the entrances of the mall. ZKX5030A is a single energy x-ray inspection system designed ideally to inspect small to medium parcels. The console board can be equipped with fingerprint authentication preventing unauthorized people to control the system.
- 120 units of walk through metal detector was also deployed and placed in every entrances of the malls increasing the level of the security while decreasing workloads of mall guards. ZK-D3180S is a walk through metal detector with 18 mutual overlapping detecting zones that has an adjustable sensitivity up to 256 level. In case of power failure, it can be supported with backup battery that can last up to 8 hours.
- Establishing a complete security solution in their properties made their employees and visitors feel safer and shop with ease while inside the malls.

Function Description

- ZK-D3180S is a walk-through metal detector with ultimately outstanding performance of metal detection, with 18 mutual over-lapping detection zones and simultaneous alarm from multi-zones, it easily detects all means of metal objects to offer full preciseness. It also has adjustable sensitivity levels from 0 to 255 to suit every customer's needs.
- With sound and LED alarm notifications, when any metal is detected, security staffs are instantly informed and the LED indicates the position of the detected metal.
- The walk-through metal detector are protected by password verification, only authorized persons are able to perform operation to the devices after successful verification.
- The ZK-D3180S also is able to perform alarm counting for the convenience of review of security measures, automatic visitors counting also is favorable to business analysis.
- In case of power failure or shortage, 4-8 hours backup battery for power failure (optional) ensures a certain continuity of normal operation to minimize threat to the largest extent.
- ZKX5030A X-ray inspection system increases the operator's ability to identify potential threats; the device is designed to scan briefcases, carry-on baggage, small cargo parcels. It is equipped with high wire resolution with Hamamatsu® X-ray detector which enables pseudo-color scanning image, and is widely usable for small parcels.
- ZKX5030A uses reliable high quality single energy X-ray generator. With the superb image algorithm, ZKX5030A could offer clear scanning image, which allows operators to identify potential threat items visually. With ergonomic modern design, ZKX5030A could help operators to identify suspicious items fast and accurately.

