

CASE STUDY

Belmont Hotel: Security Inspection System

BELMONT HOTEL MANILA

COMPANY NAME
Belmont Hotel Manila

INDUSTRY:
Hospitality

PROJECT SITE
Newport Boulevard, Newport City, Pasay,
1309 Metro Manila, Philippines

DATE OF PROJECT COMPLETION
October 2019

COMPANY BACKGROUND

This contemporary hotel within Resorts World Manila, a shopping and entertainment district is 1 km from Manila Ninoy Aquino International Airport.

Bright, streamlined rooms feature free Wi-Fi, flat-screen TVs, minifridges, and tea and coffeemaking facilities.

PROJECT REQUIREMENT

In following the security requirements imposed by the Hotel Association, Belmont Hotel Manila sourced a supplier for security inspection systems particularly Walkthrough Metal Detector and X-Ray Baggage Scanner.

The client's criteria are a security system provider with reasonable pricing, dependable after-sales support, spare parts availability, and sufficient warranty period.



THE SOLUTION

SYSTEM	DEVICE NAME	MODEL x QUANTITY
Security Inspection	Dual Energy X-Ray Luggage Scanner Machine	ZKX-6550A x 1
Security Inspection	18-Zone Walkthrough Metal Detector	ZK-D3180S x 1

FEATURES

ZKX-6550A Dual Energy X-Ray Luggage Scanner Machine

- Single Energy X-Ray Inspection System
- Cost-effective
- Pseudo-color scanning image
- Innovative fingerprint identification
- Widely usable for carry-on baggage
- Fingerprint console board
- Console desk
- Bi-directional scanning

ZK-D3180S 18-Zone Walkthrough Metal Detector

- 18 Detection Zones
- 256 Sensitivity Levels
- 5.7" LCD Display
- Counter for Alarm & People
- Synchronous Sound & LED Alarm
- Infrared Remote Control



SPECIFICATIONS

ZKX-6550A Dual Energy X-Ray Luggage Scanner Machine

Tunnel Size	660mm (W) × 510mm (H)
Speed	0.20 m/s
Height of Transmission Belt	700mm
Maximum Load	≤180 kg (Adequate Distribution)
Wire Resolution	38 AWG (0.0787mm metal wire)
Space Definition	Horizontal Φ1.0mm \ Vertical Φ2.0mm
Penetration Definition	34 AWG
Penetration	10mm Steel board
Monitor	21.5 inch LED
System Function	High-density alert, Explosive/ Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training
Film Safety	ASA/ISO1600 standard of film safety
Tube Voltage	100 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0 μ Gy
Radiation Leak Dosage	0.1μ Gy/h (5cm from the surface)
Package Size	L2240mm × W1170mm × H1755mm
Console Desk Size	L830mm × W800mm × H1330mm
Package Weight	680KG+105KG (Console desk)
Power Consumption	1 kVA
Noise	53.8 dB(A)
Optional Function	Bi-directional scanning, Auto-start mode, Video surveillance system, Face recognition, Gaze function,, Rat expelling function



SPECIFICATIONS

ZK-D3180S 18-Zone Walkthrough Metal Detector

Power Supply	AC100 V-240 V
Working Temperature	-20°C – +50°C
Working Frequency	4KHZ – 8KHZ
Standard External Size	2200mm(H) x 800mm(W) x 580mm(D)
Standard Internal Size	2010mm(H) x 700mm(W) x 500mm(D)
Package Size for Door Panels	2260*650*260mm *1ctn
Package Size for Control Unit	780*390*250 mm*1ctn
Gross Weight	70KG

