

# CASE STUDY

NEW ORMOC AIRPORT – Airport Security Inspection System

**COMPANY NAME**

New Ormoc Airport

**INDUSTRY**

Airport

**PROJECT SITE**

New Ormoc Airport  
Ormoc City Leyte, PH

**DATE FINISHED**

June 2018

**INSTALLED BY**

MySolutions, Inc

**COMPANY DESCRIPTION**

*New Ormoc Airport is relatively small airport serving the general area of Ormoc, located in the province of Leyte in the Philippines. It is one of three airports in the province of Leyte. Ormoc Airport is one of the few airports in the Philippines to be situated in an "airport village", a barangay specifically designated for the airport and its surrounding area. This New Ormoc Airport was inaugurated last August 15, 2018, according to ormoc city Government, (Source: New Ormoc Airport Inauguration)*

**Project Description**

Security inspection is very important for an airport facility, airport security attempts to prevent any threats or potentially dangerous situations from arising or entering the country. It serves several purposes: to protect the airport from any threatening events, to reassure the traveling public that they are safe and to protect the country and their people. New Ormoc Airport requires a security inspection system for passengers entering the facility, particularly an x-ray luggage inspection system that can scan briefcases, carry-on baggage, small cargo parcels. Another one is the walkthrough metal detector that has a feature of automatically counting passengers and alarm times, which is used to detect metal objects and display all the areas where they can be found.

## The Challenges

- X-ray baggage scanner and walkthrough metal detector for airport security inspection
- After-sales support service

## The Solution

SYSTEM	DEVICE NAME	DEVICE MODEL
ZKTeco X-ray Inspection System	Single Energy X-ray Inspection System	1 x <a href="#">ZKX5030A</a>
ZKTeco Walkthrough Metal Detector	18 Zones Walkthrough Metal Detector	1 x <a href="#">ZKD2180s</a>

## Technical Features

### Walkthrough Metal Detector (ZKD2180s)

- 18 Detection Zones
- 256 sensitivity levels
- 3.7" LCD display
- Counter for alarm and people
- Synchronous sound & LED alarm

### X-ray Inspection System (ZKX-5030A)

- Single Energy and display pseudo color image.
- Widely usable for small parcels
- High density alarm / TIP / Luggage counter
- System running timer / X-ray emitting timer
- System maintenance / 64 time continuous zoom in
- Higher Wire Resolutions with HAMAMATSU X-ray detector
- Energy Saving Mode