



## Face Recognition Entrance Control Project - Edison Schools - Ecopark Urban Area - Hung Yen Province, Vietnam

### Industry

Edison Schools

### Location

Hung Yen Province, Vietnam

### Solution

Entrance Control

### Project Description

Edison Inter-level School in Ecopark Urban Area, Hung Yen is one of the top schools in the field of education in this region. The school provides a comprehensive educational program from elementary to junior high school level and a standard system to meet all the learning needs of students.

With substantial investment in fully-equipped teaching facilities and modern infrastructure according to international standards, Edison School ensures a high-quality learning environment for its students. Additionally, the school is known for being a leading educational system in innovation and creativity, helping students maximize their potential.

**Address:** Thuy Nguyen area, Aquabay subdivision, Ecopark urban area, Van Giang, Hung Yen.

### Project Requirements

To ensure safety and create a civilized learning environment, the leadership of PTLC Edison School needs to deploy an access control system for students and teachers in the school. Only authorized persons such as students, teachers, school staff or authorized individuals are allowed to enter the school grounds.

This is to ensure that only those involved in teaching and learning activities are allowed into the school, reducing security and safety risks, while creating the best learning environment for students and teachers.

### Solution

ZKTeco has implemented the FBL700 Flap Barrier system integrated with facial recognition device FaceDepot 7BLWP. This system allows for the control of entry and exit of all students, teachers, and staff of the school by requiring them to register on the FaceDepot 7BLWP facial recognition device. Only those who have registered are allowed to access the FBL700 Flap Barrier.

User access data will be stored in the database of the school management software system that Edison is currently using, facilitating more effective management and monitoring.

The use of this modern facial recognition gate system not only helps create a grand and majestic appearance for the main entrance and exit area of the school, but also helps prevent unauthorized entry, enhances security, and creates a safer and friendlier learning environment.

**End User:** Edison Schools

## Configurations

System	Type of Model	Name of Model	Quantity
Entrance Control	Flap Barrier ZKTeco	FBL700	11
	Face recognition access control time attendance device	FaceDepot 7BLWP	22

## Technical Feature / Solution

The FaceDepot-7BL(WP) access control and time attendance device is the facial recognition device that uses VISIBLE LIGHT technology combined with the Linux platform. The FaceDepot 7BL(WP) facial recognition technology device can manage up to 10,000 registered user faces and has a data memory of 200,000 access and attendance events.

- Visible Light face recognition technology.
- Anti-spoofing algorithm to prevent attacks such as printing (laser, color and B/W images), video attacks, and 3D masks.
- Multiple identification methods: Face / Fingerprint / Card / Password.
- Huge storage capacity of 10,000 face templates.
- Compatible with ZKTeco and third-party turnstiles.
- 125KHz (EM) ID card / 13.56MHz (MF) IC card and fingerprint options.
- 7" LCD touch screen.
- Adjustable brightness for the light source.
- IP65 protection standard.

The ZKTeco FBL700 series Flap Barrier is a type of security gate commonly used for controlling entry/exit in narrow spaces. The FBL700 is a single-lane flap gate, while the FBL720 is a double-lane flap gate. Both products are designed with smooth and durable construction for long-lasting use.

Made of stainless steel, these gates are highly durable and can be used both indoors and outdoors (with a canopy). They are safe to use, and in emergency situations, the flaps can be folded back for easy escape. Additionally, the device comes with a backup battery to ensure functionality in case of power loss.

