

CASE STUDY

GMAB Electronics – Automated Parking Barrier System



**FORBESWOOD
HEIGHTS**

COMPANY NAME

Forbeswood Heights

INDUSTRY

Residential Properties

PROJECT SITE

Forbeswood Heights Fort Bonifacio
Global City, Taguig

DATE FINISHED

October, 2018

INSTALLED BY

GMAB Electronics

COMPANY DESCRIPTION

Forbeswood Heights is a piece of Eden created by premier urban developer Megaworld Corporation. It is a 6 towers mid-rise residential condominium, located in the west area of Fort Bonifacio Global City.

Project Description

With the growing partnership with one of our trusted dealer, the Forbeswood Heights has successfully installed the ZKTeco Parking Barrier System in the underground parking of Forbeswood Heights purposed to add security in the condominium restricting the passage of vehicles in the parking area exclusive for their unit owners. And has added feature of installing the ZKBioSecurity software that monitors the passage of vehicles.

The Challenges

The client requires automated parking barrier that monitors the in and out of the vehicles in the condominium.

The Solution

SYSTEM	DEVICE NAME	DEVICE MODEL
Parking Barrier Management System	Parking Barrier	1 x PB3130L
	UHF Reader	1 x UHF10
	InBio-Pro	1 x InBio-Pro
	Anti-tear Electronic Tag	500 x UHF Tag 2
	Anti-metal Electronic Tag	500 x UHF Tag 4
ZKBioSecurity Software	Parking Barrier Management Software	ZKBioSecurity Software

Technical Features

- Automatic Vehicle Recognition (With UHF Reader and UHF Tag)**
 Its operation starts when a user with the passive tag drive through the UHF reader located at the entrance of the parking lot. The UHF reader will recognize the tag. The carpark barrier will lift up for access upon valid recognition. If not, access will be denied.
- UHF Reader**
 The UHF RFID reader is an RFID long-range proximity card reader which can simultaneously read multiple passive UHF tags at ranges up to 12m. The reader is waterproof and is suitable for use in a wide range of RFID applications, such as transport management, vehicle management, car parking, production process control, and access control.
- The **InBio-Pro Series** are the perfect match for ZKBioSecurity web based software platform to provide a full featured biometric security solution. In combination with the FR1300 RS485 reader, the panels can authenticate users under multiple verification modes such as fingerprint, card and password for a higher security level.

Model No.	PB3130L
Lane Width	4M
Opening / Closing Time	3S
Supply Voltage	110V AC or 220V AC
Power Consumption Max.	200W
Frequency	50-60Hz
Cabinet Material	Powder Coated Steel
Boom Material	Aluminum Alloy
Base Frame	Cast Iron
Temperature Range	-20°C~+60°C
Humidity Range	≤90%
Ingress Protection	IP54
Packing Dimensions (W x D x H)	460 * 420 * 1150 (mm)
Gross Weight (Without Boom)	72KG