

# timeTec

Smarter & Safer with  
**Smartphone Access**



## TimeTec BLE-2 as Smart Barrier Gate System

TimeTec BLE-2 Control Board functions as an intermediary device between a user's Mobile App and the barrier gate controller, whereby a user can tap on his/her Mobile App or send a voice command to TimeTec BLE-2 via Bluetooth connection. TimeTec BLE-2 will then translate the command into digital pulse and instructs the opening of the barrier gate.

TimeTec BLE-2 is designed to seamlessly integrate with TimeTec solutions for various deployment. For instance, TimeTec Access and TimeTec VMS at office tower for tenants' and visitors' vehicle parking control, TimeTec i-Neighbour for residential smart community and i-TimeTec for small parking space.



### Low Initial Investment

The most cost-effective solution compared to UHF long range or LPR barrier system.



### Hands-Free Voice Command

Enjoy hands-free barrier gate access via voice command at entry and exit points.



### Integrate with Smart Surveillance

Added security with surveillance cameras installed at the entry and exit points along with TimeTec solutions.



### Extra Security For Your Vehicle

Your smartphone is always with you as an added security tool to prevent your car from being driven away from the parking bay.



### Low Maintenance Cost

Personal smartphone is used as the credential to access barrier gate. No card, no cost.



### Activation Distance

A comfortable reading distance for Bluetooth communication is up to 10 meters between the BLE-2 board and the smartphone.



### Reduce Congestion

Automate vehicles access for registered users; cutting waiting times at the entrance and exit points.



### Disruptive Access Activation

Even though your smartphone is being used for a phone call, TimeTec App will override the call to allow access whenever you approach the barrier gate.



## SYSTEM DEPLOYMENT



TimeTec Access  
[www.timetecaccess.com](http://www.timetecaccess.com)



TimeTec VMS  
[www.timetecvms.com](http://www.timetecvms.com)



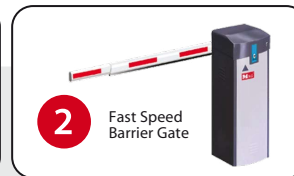
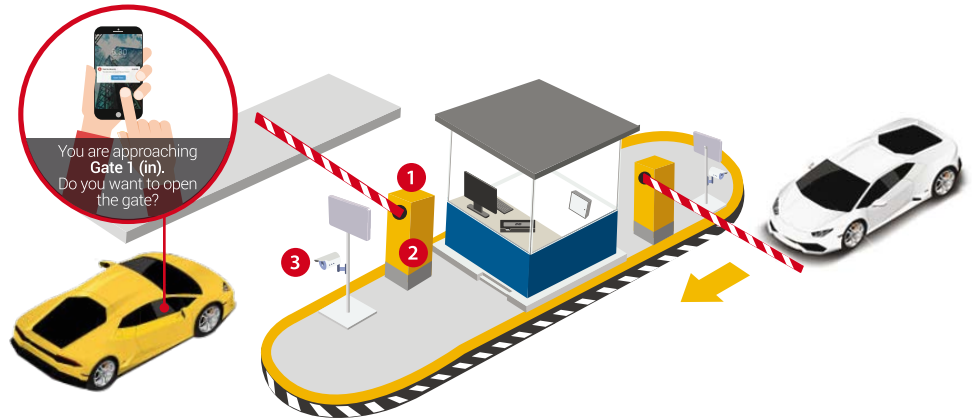
TimeTec i-Neighbour  
[www.i-neighbour.com](http://www.i-neighbour.com)



i-TimeTec  
[www.i-timetec.com](http://www.i-timetec.com)

## SYSTEM DIAGRAM

*\*for illustration only*



### How The System Works

TimeTec BLE-2 constantly broadcasts its unique ID within a fixed coverage area. Hence, when an authorized user drives his/her vehicle into an access zone, his/her i-TimeTec App will receive a unique ID at a fixed level of signal strength. Sensing this ID, the App will then authorise the access through this gate based on that unique ID. The user will be prompted with an onscreen message if a permission is granted. All he/she needs to do is to tap on "OPEN GATE" and the App will send a command to TimeTec BLE-2 to provide access to the vehicle.

## SPECIFICATIONS

<b>MODEL</b>	TimeTec BLE-2
<b>CHANNELS</b>	2 FORM C Relay output, NO/NC selected via jumper Wiegand 26-bit input
<b>GATES</b>	1 BLE-2 supports 1 Gate
<b>DIMENSION (MM)</b>	85 (L) x 96 (W) x 33 (H)
<b>POWER INPUT</b>	9 ~ 24 VDC
<b>WORKING TEMPERATURE (°C)</b>	0-45
<b>HUMIDITY (%)</b>	20-80
<b>CARD STORAGE</b>	30,000
<b>COMMUNICATION</b>	Bluetooth Low Energy (BLE) 4.2, Wiegand 26-bit input
<b>BLUETOOTH ENCRYPTION</b>	64-bit TimeTec Proprietary
<b>EFFECTIVE DISTANCE (M)</b>	Max 10 m (Adjustable)
<b>LED INDICATOR</b>	Yes
<b>TRANSACTION RECORDS</b>	Unlimited, stored in cloud server
<b>EVENT CAPACITY</b>	Unlimited, stored in cloud server
<b>MOBILE OS</b>	Android 4.0.2 and above, iOS 8.0 and above
<b>APP &amp; CLOUD</b>	i-TimeTec, TimeTec Access, TimeTec VMS, i-Neighbour
<b>LANGUAGE (APP &amp; CLOUD)</b>	English, Arabic, Malay, Indonesian, Spanish, Chinese Simplified, Chinese Traditional, Thai, Turkish, Vietnamese. <i>Other languages are available upon request.</i>

**NOTE:** Specifications are subject to change without prior notice.



### Packaging

Dimension (mm) : 173 (L) x 60 (W) x 135 (H)  
Weight (kg) : 0.3



**timeTec**  
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