



## Vehicle Access with Smartphone

# Enter Barrier Gates with Smartphone & TimeTec BLE-2

TimeTec proudly presents the new paradigm shift in access control with the use of smartphone App for barrier gates entry. The TimeTec BLE-2 is designed to be an intermediary device between a smartphone App and a barrier gate controller to provide users with vehicle access convenience. Instead of users having to carry access cards, this installation uses your smartphone as credential by using Bluetooth Low Energy (BLE) technology to get encrypted access activities of the barrier gates in real time for transparency and extra security.

The TimeTec BLE-2 is paired with TimeTec Security App to only allow entries and exits of authorized personnel vehicles into and from an area. One TimeTec BLE-2 can be connected to a single barrier gate only and system administrators of a company or a building must sign up with TimeTec Security and create an individual account for all patrons and manage all the installed TimeTec BLE-2s. After installing the TimeTec BLE-2 into a barrier gate, the system administrator must activate the unique ID of the BLE-2 from a web portal and configure its accessibilities for all patrons.

For the patrons to determine the list of barrier gates accessible to them, they need to install and sign in to TimeTec Security App, and through the App, the authorized party can access the barrier using voice or a tap on the screen. TimeTec Security turns your smartphone into a smart access card, fast and affordably.

## The Benefits of Installing TimeTec BLE-2 for Barrier Gates Control



Low initial investment as compared to other types of barrier gate access system such as a long range UHF reader.



It can be integrated with the existing RFID barrier system to save the overall cost.



The implementation is based on Bring Your Own Device (BYOD) concept, further reducing total investment & maintenance cost.



The system provides a comfortable reading distance between the BLE-2 and a smartphone to provide users with convenience.



Users do not have to roll down power window of their cars to flash access card which could be troublesome during rain.



The transaction process is quick and convenience, eliminating possible congestion at the guard post on peak hours.



The system can be integrated with surveillance cameras to retrieve visual evidence of every entry and exit



There is no way to leave the access credential in the car because it is always on your smartphone that you carry with you at all times.



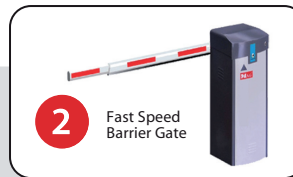
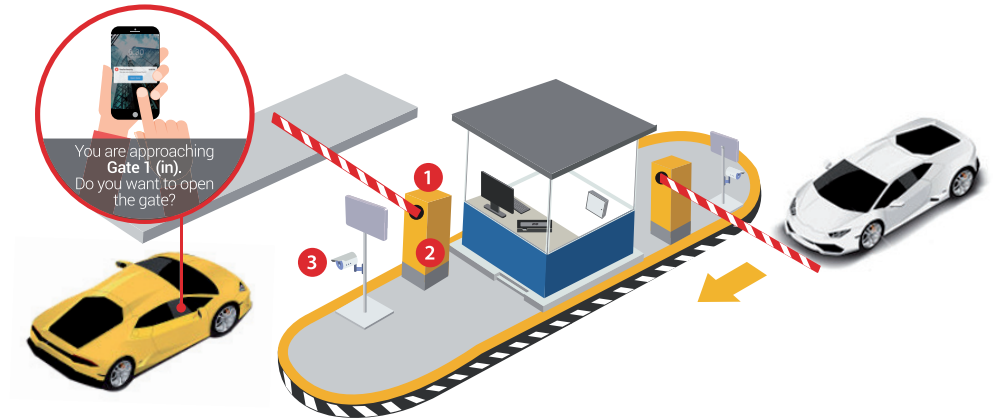
## DOWNLOAD APP



Download the TimeTec Security App from App Store or Google Play to setup and connect your TimeTec BLE-2 to your smartphone for barrier gates access.

## SYSTEM DIAGRAM

*\*for illustration only*



### How the System Works

The TimeTec BLE-2 constantly broadcasts its unique ID within a fixed coverage area. Hence, when an authorized user drives his vehicle into an access zone, his TimeTec Security 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 an onscreen message if a permission is granted. All he 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

MODEL	TimeTec BLE-2
CHANNELS	2 FORM C Relay output, NO/NC selected via jumper Wiegand 26-bit input
GATES	Max 2
DIMENSION (MM)	85 (L) x 96 (W) x 33 (H)
POWER INPUT	9 ~ 24 VDC
WORKING TEMPERATURE °C	0-45
HUMIDITY (%)	20-80
CARD STORAGE	30,000
COMMUNICATION	Bluetooth Low Energy (BLE) 4.2, Wiegand 26-bit input
BLUETOOTH ENCRYPTION	64-bit TimeTec Proprietary
EFFECTIVE DISTANCE (M)	Max 10 m (Adjustable)
LED INDICATOR	Yes
TRANSACTION RECORDS	Unlimited, stored in cloud server
EVENT CAPACITY	Unlimited, stored in cloud server
MOBILE OS	Android 4.0.2 and above, iOS 8.0 and above
APP & CLOUD	TimeTec Security, TimeTec Access, TimeTec VMS, i-Neighbour
LANGUAGE (APP & CLOUD)	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



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