

EP.BSR700

Bluetooth Multi-technologies Reader

Smart phone's App based on iOS and Android system :

- iOS® version – installed in Apple mobile phone, which required iOS 11.0 or later.
- Android™ version – installed in Android™ mobile phone, which required version 9.0 or later.
- The smart phone's App needs to assign a card number (authorization) before it works with BT Reader.



Bluetooth Reader & Mobile Phone Apps

- Bluetooth reader supports both Bluetooth + Mifare And /Or DesFire + EM Proximity.
- Bluetooth reader can set different reading distance from 0.1m to 5m.
- Support IN/OUT reader configuration.
- Enter password in case of change configuration in the App, allow authorized user to configure:
Reading range of reader, name a reader, set different operation mode of mobile access and modes of IN/OUT reader.
- The App supports Manual Active Button when the app is running normally.
- When there is more than one reader within the reading range, all the names of readers will be popped up on the screen for user to choose which reader should be activated.
- The App shows the strength of detected Bluetooth signal.
- The App supports to run in the background mode of mobile phone.
- Supports to set a validation period of authorization.

Operation Mode of Mobile Access:

- **Show-to-Go:** Show the mobile phone in front of the reader to open the door (same as swipe a card)
- **Shake-to-Go:** Shake the mobile phone to open the door (NOT to turn the mobile phone).
- **Hands free:** door opened automatically when mobile phone entered in connecting area.
- **Manual Button:** click the button in the APP to open the door manually.



Security:

Since Bluetooth does not carry any security element, all the communication and data stored inside the App are encrypted with AES128 (3 Layers Authentication).

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Technical Specification

Functions \ Model	BSR700
Reconfiguration Window	5 seconds (Default)
Reading Technologies	Bluetooth & Mifare & DesFire & EM Proximity
BT Antenna	Directional
Buzzer Control	Controller control (Default)
Read Range	BT is configurable 1m~5m
Baud rate	9600 (Default)
BLE Ready	Yes

Apps Specifications

Operating System	Both iOS & Android
Data Encryption	AES128
Show-to-Go	Reading distance is adjustable
Shake-to-Go	Phone vibrate when motion is success
Shake Sensitivity	Adjustable

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Technical Specification

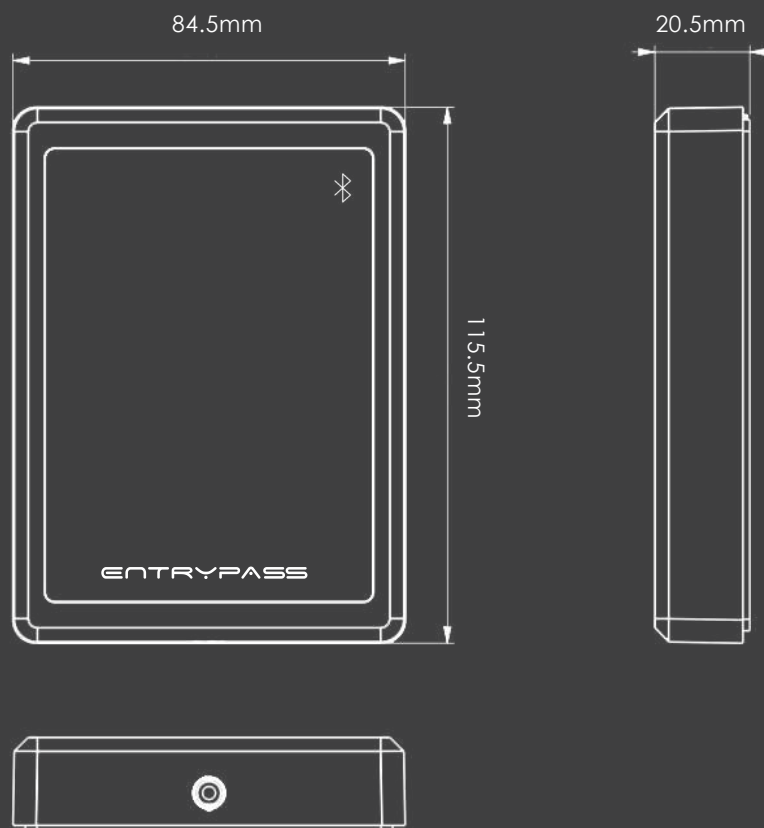
Operating Specification

Input Voltage	12VDC
Operating Current	150mA (max)
Operating Temperature	-30°C -70°C
Case material	PC+ABS
Casing/Standard Color	Black
Operating Humidity	10% - 90%
Weight	210g
Exterior dimension	115.5mm(L) x 84.5mm (W) x 20.5mm (H)

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Dimension



Ordering Information

EP.BSR700

Entrypass bluetooth enabled reader that support multi card format (125KHz & 13.56MHz) with OSDP protocol

EP.BSR700-WIE

Entrypass bluetooth enabled reader that support multi card format (125KHz & 13.56MHz) with wiegand protocol



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