

BK-i21B Product Specification

General Introduction:

BK-i21B card reader is the terminal for personal payment , which can read the magnetic card and the smart card (IC card). From the connection of blue tooth, the transaction data will be encrypted and sent to the back end via the APP of iOS or Android smart phone, it is used in the industry of personal payment.

Main Features:

- *Bluetooth dual mode 3.0/4.0 communication,support android and iOS system.
- *Read Track 1 and 2,Track information and encrypted.
- *Read Smart card (IC card) information
- *Safe payment anytime, anywhere.

Detailed Features:

- 32 bits security processor.
- It can read magnetic card and smart card(IC card)
- BT dual mode 3.0/4.0 communication
- Built-in battery
- Power level 4 indication
- T link status indication
- work status indication
- Micro USB interface
- High compatibility, support most of the smartphones on the market.
- safe, reliable , high speed
- Free SDK for Android & iOS.

Product Picture:



Specification:

NO.	Description	Specifications	Remark
1	LED identification	Red: Blink, Lo Bat: Bright: charging; Off: full or sleep Blue: bright, standby for swiping	
2	Magnetic stripe card	Read track 1 and 2	
3	IC card	Read Union Pay, Visa, Master & etc. EMV chip card	Contact type
4	Bluetooth communication	Support iOS and android	BT3.0/4.0
5	Power supply	lithium battery 3.7V 120mAh charge: 5V 500mA	
6	Battery life	20,000 times for normal swiping	
7	Encryption	Card data encrypted before sent to mobile phone	
8	Encryption method	DES、3DES 、AES	
9	Decoding format	Built-in Hardware decoder.	
10	Physical interface	Micro USB	
11	Operation Temperature	0℃~40℃	
12	Size	Approx L*W*H=60*40*14mm	
13	Weight	approx 50g	

Package Information:

Package Box: 68*68*16mm



Demo App:

The following Demo pictures show you the Demo functions, as well as some of demo data while test the sample using Demo App included in SDK.



P1-Get KSN of i21B Card Reader



P2- Reading EMV chip Card



P3- Reading EMV chip Card via iPad

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