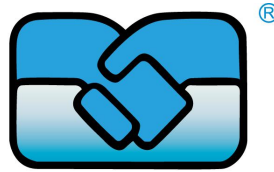




# CL-B0409

## Handheld POS Specifications



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## 1. Product appearance



Figure 1 CL-B0409 handheld POS

## 2. Application Environment

CL-B0409 handheld pos can read RFID card, support GPRS, WIFI wireless communication etc.  
Can be used for electronic payment or card validation in following field:

- Public transport IC card payment
- Public transport fare collection and top up all in one machine
- Taxi IC card payment
- Micro-payment in stores, parking lot, scenic spots etc.

## 3. Function and features

- Support wireless communication, remote connect to server management software to realize real time time-revision, black-list downloading and data collection etc.
- Support data real time uploading or USB local data collection
- Support different card type consumption and receipt printing
- Support consumption details and statistics query, according to card No., time, operator No., etc.

## 4. Technical parameters

Specifications	
Name :	Handheld POS
module :	CL-B0409
Operating system :	Linux2.6

CPU :	ARM9 core processor , 240Mhz
Memory :	32MBytes SDRAM , 128MB NANDFlash main memory
<b>Memory Function</b>	
Data Capacity :	259840 pcs of detailed data for console storage, unlimited data at GPRS storage
Blacklist :	91,880,000 pcs (download from PC with USB)
<b>Working Environment</b>	
Working Temperature:	-20℃~60℃
Storage Temperature:	-40℃~85℃
Working Humidity:	0-90% ( non-condensing )
<b>Physical Parameter</b>	
Dimension :	217*83*46mm
Housing material:	Engineering plastics
<b>LCD display</b>	
Display :	2.8 inch LCD display , 320x240
Indicator light :	Red green yellow
<b>Keypad Function</b>	
keypad :	Bulitin 24 key keypad
<b>Voice Prompt</b>	
Sound Prompt :	buzzer
<b>Power Supply Specification</b>	
Working Voltage :	DC 12V
battery :	Bulitin 7.4V 2000mAh lithium battery
<b>RFID function</b>	

Support Type :	ISO-14443 Type A/B
Reading Distance :	0~50mm
Working Frequency :	13.56Mhz
Card Capacity :	91,880,000 pcs
Card Type :	MiFare Classic, MiFare Desfire, support CPU card
<b>Interface</b>	
Communication Interface :	RS232 , USB
<b>Printing function</b>	
Printing module :	Bulitin thermal printer
Paper Width :	58mm
<b>Working mode</b>	
Working mode :	Stand-alone or connect to server
<b>Power Consumption</b>	
Power Consumption :	static : $\leq 0.2$ W dynamic : $\leq 15$ W
<b>Communication Function</b>	
Wireless Communication:	Support GPRS(900Mhz/1800Mhz) or CDMA(800Mhz) module
WIFI	Support 802.11n/b/g standard,150Mbps,2.4Ghz
Bluetooth:	optional
<b>Warning Function</b>	
Warning Function	Warning when card balance is insufficient or data memory is full
<b>Data Collection Function</b>	
Collection mode	WIFI/GPRS wireless collection and USB local collection

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