

CP-RF-LR433B Bluetooth Long Range Card Reader

Control Board Datasheet

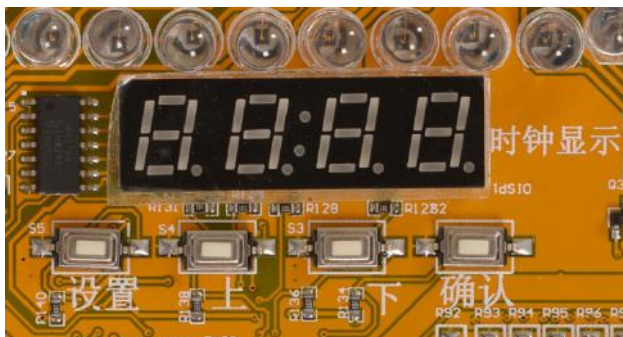
1、Appearance of the reader board

Please refer to the picture:



2、Time setting:

The reader provides 4 digit adjustable numbers for display the real time. Refer to the picture, there have 4 keys under the number, here is the definition of each keys:



S5: press this key enter into the setup mode, start set each numbers

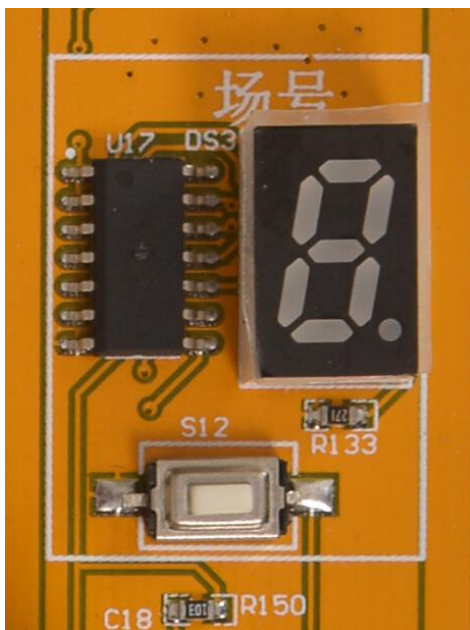
S4: press this key for increase the number of the digit

S3: press this key for reduce the number of the digit

Confirm: the last key at right side of S3, press this key for confirm the setting, after press this key, finish setting and exit setup mode

3、 Parking project number setting:

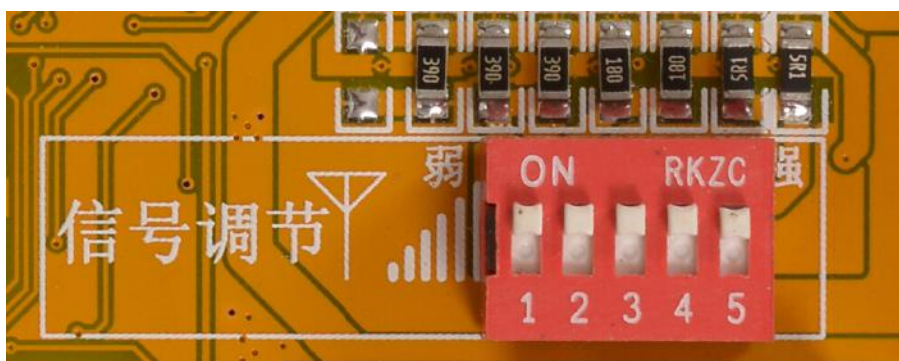
The reader support set the parking project number; each reader can support max 8 parking project number, corresponding to the management software, when register long range blue-tooth card by software, can choose the project number (the reader shall install which parking project), so when the card reading by reader, if not it not belong to its project, the reader shall have no response.



Press S12 key for set the project number (from 1 to 8 cycle setting)

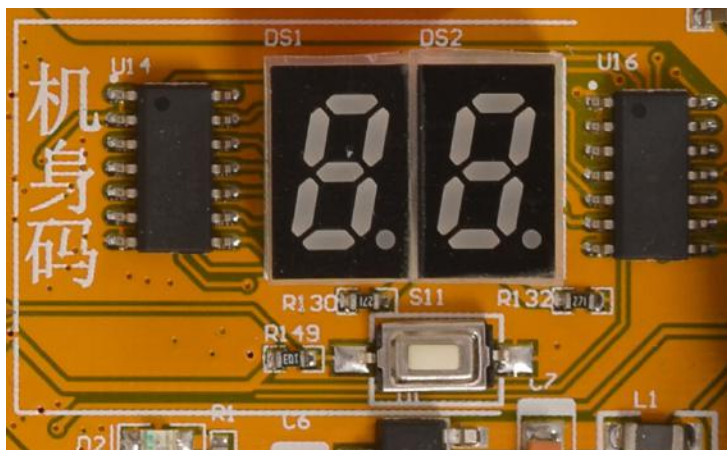
4、 signal adjustment setting:

The reader support adjusts the signal value by RKZC dial switch; dial to on for up the value and dial to off for down the value. All dial to on have the most strong signal output. User can change the dial switch setting for revise the signal output value as his like at will.



5、 Machine code setting:

When the readers have same parking project number (for example at same entrance port, have two reader and set same project number), so each reader must set different machine code so it will avoid them interfere with each other.



Press S11 for setting the machine mode

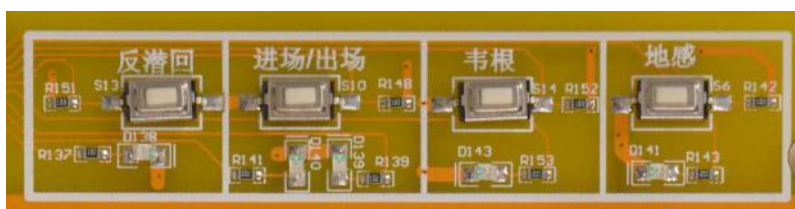
6、 Extension Function setting:

The reader support some extended functions such as anti-pass back, port direction (entrance/exit) and Wiegand output format setting. here is the definition of each keys:

S13: press this key for set on/off anti-pass back function, when the red light power on means this function active, else block

S10: press this key for set the port access direction (entrance or exit), when the red light power on means it is entrance, else it is exit

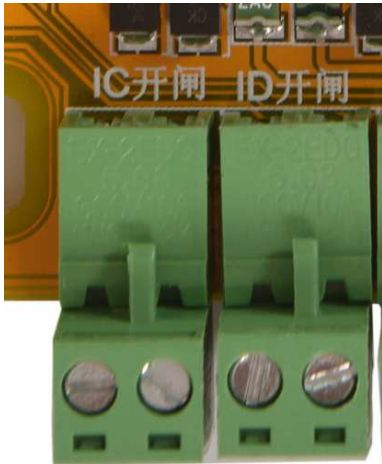
S14: press this key for set the Wiegand output format, when the red light power on means it is output WG26bit, else it is WG34bit



S6: is for loop detector setting, but we block this function.

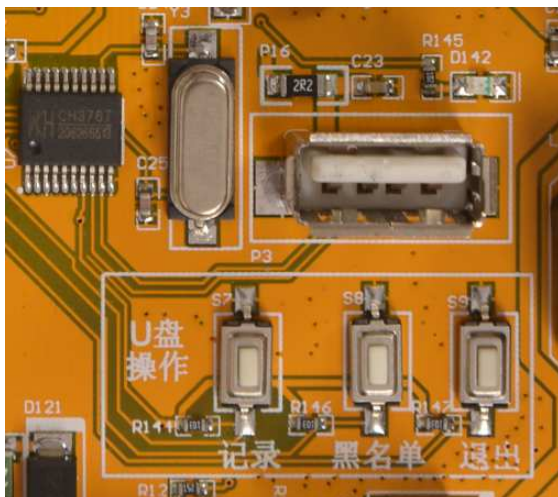
7、Open gate interface:

When the long range card no validity period, please connect ID interface with barrier gate, so when the card reading by reader, it output relay signal direct for open barrier gate; when the long range card set project number or set the validity period, please connect IC interface with barrier gate, so only the register card reading by reader, it output relay signal to barrier gate for open it.



8、USB function:

The reader provide USB interface for download data (records, black list/illegal list), use USB disk insert into the USB interface and press S7 can download records into USB disk, can check the records by software; Also it can download blacklist from software, and insert USB disk into USB interface, press S8, it can download blacklist from USB disk to reader, so reject the card in blacklist.



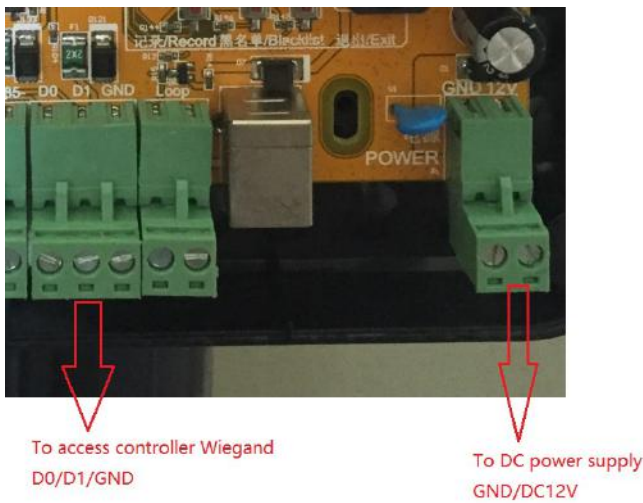
9、 Output interface:

The reader provides RS485, Wiegand and loop detector interface for working with other items.

RS485 interface use for connect with LED display and voice controller in china market, but we block it for oversea market.

Wiegand interface use for connect with access controller, D0,D1 and GND connect with relevant WG interface of the access controller.

Loop detector: we block this function.



10、 Appearance of the reader CP-RF-LR433B

