MDB-RS232 测试 PAX IM20 刷卡器注意事项

这个设备,在测试的时候需要使用以下三条指令:

(以下仅作示例,用户根据协议可以做修改)

110002000002 (配置参数) 告诉刷卡器主板支持的刷卡器的 LEVEL 级

1101FFFF0000 (设置最大最小价格)

17004E454330303030303030303030303020202020204B5245412020200005 (读取 ID)

以上三条指令发送后,设备都会做出回复,必须要收到回复后发送下一个指令 然后发送:

1401 (使能指令)

这个时候,就可以屏幕上点"start"去开始测试交易了。 然后串口发送:

1300000A0001 就会看到屏幕上有价格了,按照协议和提示继续后续的测试就可以了

针对 PAX 刷卡器的重要提示:

- 1、PAX 刷卡器可能每天会做定时刷新,而且刷新后,设备重启,但是并不会向主机发送复位的状态报告。 因此我们主机可能无法知道设备已经重启,针对这样情况,我们可以发送读取配置 1100......指令,或者 12 指令去确认设备能够回复,一般 1 分一次即可。如果设备没有回复,而且并不是处于交易阶段,则 需要加快查询频率,设备重新启动后,会收到指令回复。这个时候可以重新开始配置和使能即可。
- 2、对于任何 MDB 刷卡器,如果不存在的功能,并不能随便发送使能指令,很可能设备无法响应而停止工作。比如 ALWAYS IDLE 功能使能指令 170400000020,如果设备本身不存在这个功能,这个指令无法响应,甚至设备可能停止工作。

MDB-RS232 with POS PAX IM20 card reader

This PAX IM20 device requires the following three commands to start the test:

(Below is only an example, users can make modifications according to the protocol)

1100020000002 (configuration parameters and let the POS know which LEVEL to support)

1101FFF0000 (set maximum and minimum prices)

17004E45433030303030303030303030303020202020204B52454120200005 (Read ID)

After the above three commands are sent, the device will respond and must receive the response before sending the next command

Then we send:

1401 (enable command)

And now, you can click "start" on the screen to start the Vend session

After receive the Vend start data, Then We can sends:

1300000A0001

Then will see the price on the screen.

Follow the protocol and prompts to continue with subsequent testing

Important note for PAX Reader:

- 1. The PAX card reader may be remotely refreshed regularly every day, and after the refresh, the device restarts, but does not send a RESET status report to the host. Because our host may not know that the device has been rebooted, therefore, for such cases, we can send a read configuration 1100... Command, or 12 instructions to confirm that the device can reply, usually once in every 1 minutes. If the device does not reply and is not in the transaction status,VMC need to speed up the frequency of queries, and after the device restarts, VMC will receive an command reply. At this time, you can restart the configuration and enable.
- 2. For any MDB card reader, if the function does not exist, and the enable command cannot be sent casually, it is likely that the device cannot respond and stops working. For example, the ALWAYS IDLE function enable command 170400000020, if the device itself does not support this function, this command cannot respond, and even the device may stop working.