**B220L Series V1.1 Baseline Development Project**

**Release Note (2022-09-05)**

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| **Device Model:**DS-K3B220X-L/M/R | **Firmware Version** | **Main access control board:**AIS\_FRACS\_F1Plus\_EN\_STD\_V2.0.0\_build220831.zip AIS\_FRACS\_F1Plus\_CN\_STD\_V2.0.0\_build220831.zipAIS\_FRACS\_F1Plus\_EN\_NEU\_V2.0.0\_build220831.zipAIS\_FRACS\_F1Plus\_CN\_NEU\_V2.0.0\_build220831.zip**User extended interface board:**ACS\_DS-K3M600\_ST0\_GML\_STD\_V1.0.0\_build20220831.zip**Lane control board:**ACS\_DS-K3M105\_M2Plus\_GML\_GM\_V1.1.0\_build20220831.zip**Optional board:**ACS\_DS-K3M303\_ST4\_GML\_GM\_V1.0.1\_build20220804.zip**4200 Client：**iVMS-4200(V3.8.2.2\_E).exe |

**Reason for update:**

【new features】

Main access control board (based on B961 release version) DS-K3M210:

1. Add the configuration of fire input signal type (normally open and normally closed)

2. Added configuration motor self-test (detection) function

Channel Board DS-K3M105:

1. The number of access modes has been increased to 5, with new additions: normally open, barrier-free, a total of 25 access modes in and out

2. Support ARM permission board, support parameter synchronization (all synchronization except dial code)

3. The length of the door wing can be supported up to 1400

4. Support complex access mode, support infrared early closing when installing ARM permission board

5. The newly added channel board is not encrypted, keeps beeping and restarts every minute. Provide a temporary available method, adjust the length of the door wing by pressing the button, and use it normally after restarting, and resume the beep and restart after 99 initialization

User board (based on B961 release version) DS-K3M600:

1. Support 485 special card reader, read ID card content,

2. Serial peripheral access, it is recommended to use the default value, the card reader ID meets 1 in, 4 out, if there is no special need, please change the serial peripheral by mistake

3. Added support for compatibility with new and old user interface board hardware

1.1 Optional board (overseas) DS-K3M303:

1. Added the option board door button function, the main option board, the door is opened in the direction, and the door from the option board, the door is opened in the out direction

2. Since there are optional boards for both master and slave, note that the master and slave channel boards may report error 49, which is not connected to the optional board, and the rest of the functions are normal.

【Improved function】

Main access control board (based on B961 release version) DS-K3M210:

1. Added support for dynamic QR code on the basis of static QR code

2. The web interface display has been upgraded from version 4.2 to version 5.0, the interaction logic has been optimized, and the display content has been further enriched

Channel Board DS-K3M105:

1. Free passage requires authentication, and the function is cancelled

2. Repair the motor self-test failure after normally open, no power off, and the problem of burning the motor for a long time

User board (based on B961 release version) DS-K3M600:

1. Support card reader offline time configuration

1.1 Optional board (overseas) DS-K3M303:

None

【Remaining problem】

None

**Remarks:**

* Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
* Product design and specifications are subject to change without prior notice.
* The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
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Hikvision Digital Technology CO., Ltd.

No. 555 Qianmo Road, Binjiang District, Hangzhou 310051, China

Tel: +86-571-8807-5998

FAX: +86-571-8993-5635

Email: overseabusiness@hikvision.com