

Title:	How to Set Access Controller M1 Encryption	Version:	v1.0	Date:	03/05/2020
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Preparation

1. Access Control Devices 2600 series
2. RS485 Card reader DS-K1108MK
3. Card issuer DS-K1F100-D8
4. iVMS4200 v3.2.0.10

How to Set Access Controller M1 Encryption

DS-K2600 series access controller (K2601,K2602,K2604) support M1 Encryption function with card reader.

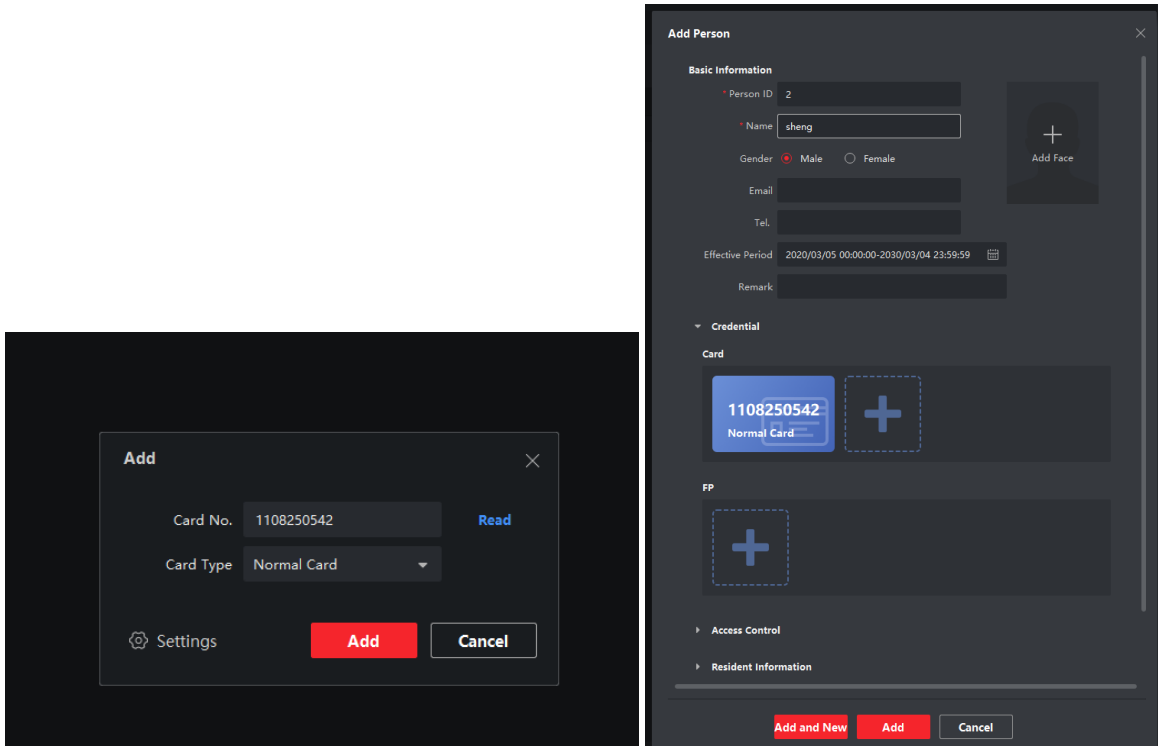
Note: Card reader need use RS485 connect to controller

1. Configuration Card Issuer when you add the card number.

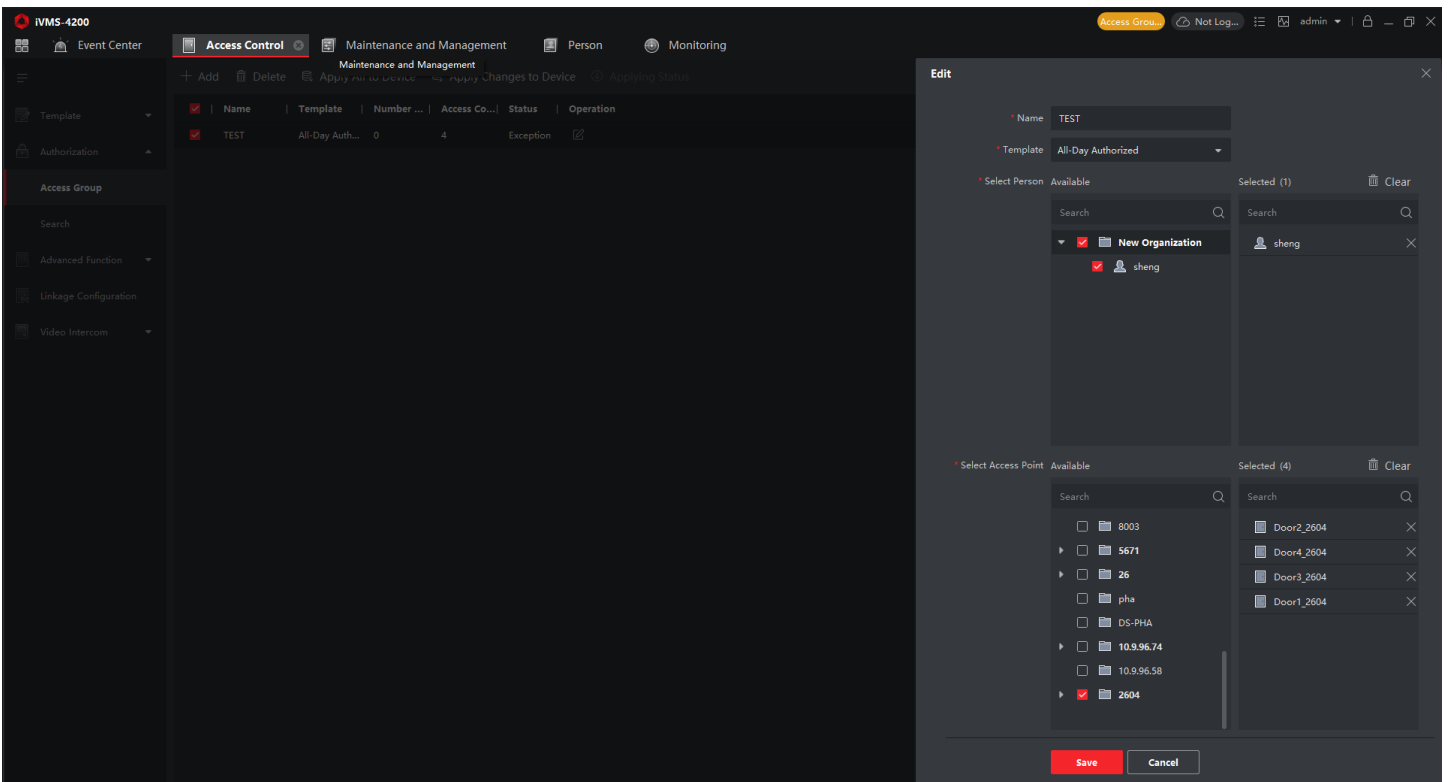
Sector can be selected by yourself.

The screenshot displays the Hikvision software interface. The main window is titled 'Maintenance and Management' and shows a 'Person' tab. A table lists a person with ID 1, name 'zaisheng', and card number '0592484976'. A 'Settings' dialog box is open, showing the 'M1 Card Encryption' option checked and the 'Select Sector' dropdown menu set to 'All'. The 'Add Person' dialog box is also open, showing fields for 'Person ID', 'Name', 'Gender', 'Email', 'Tel.', 'Effective Period', and 'Remark'. The 'Add Person' dialog box has 'Add and New', 'Add', and 'Cancel' buttons at the bottom.

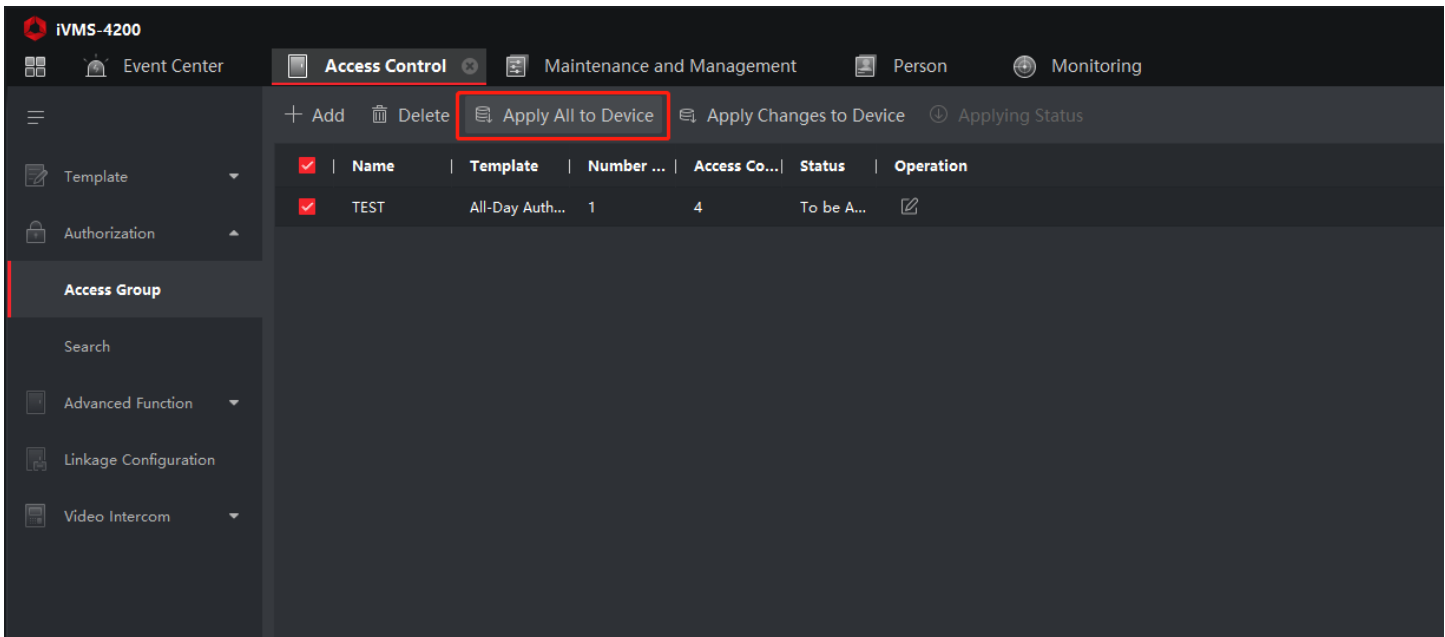
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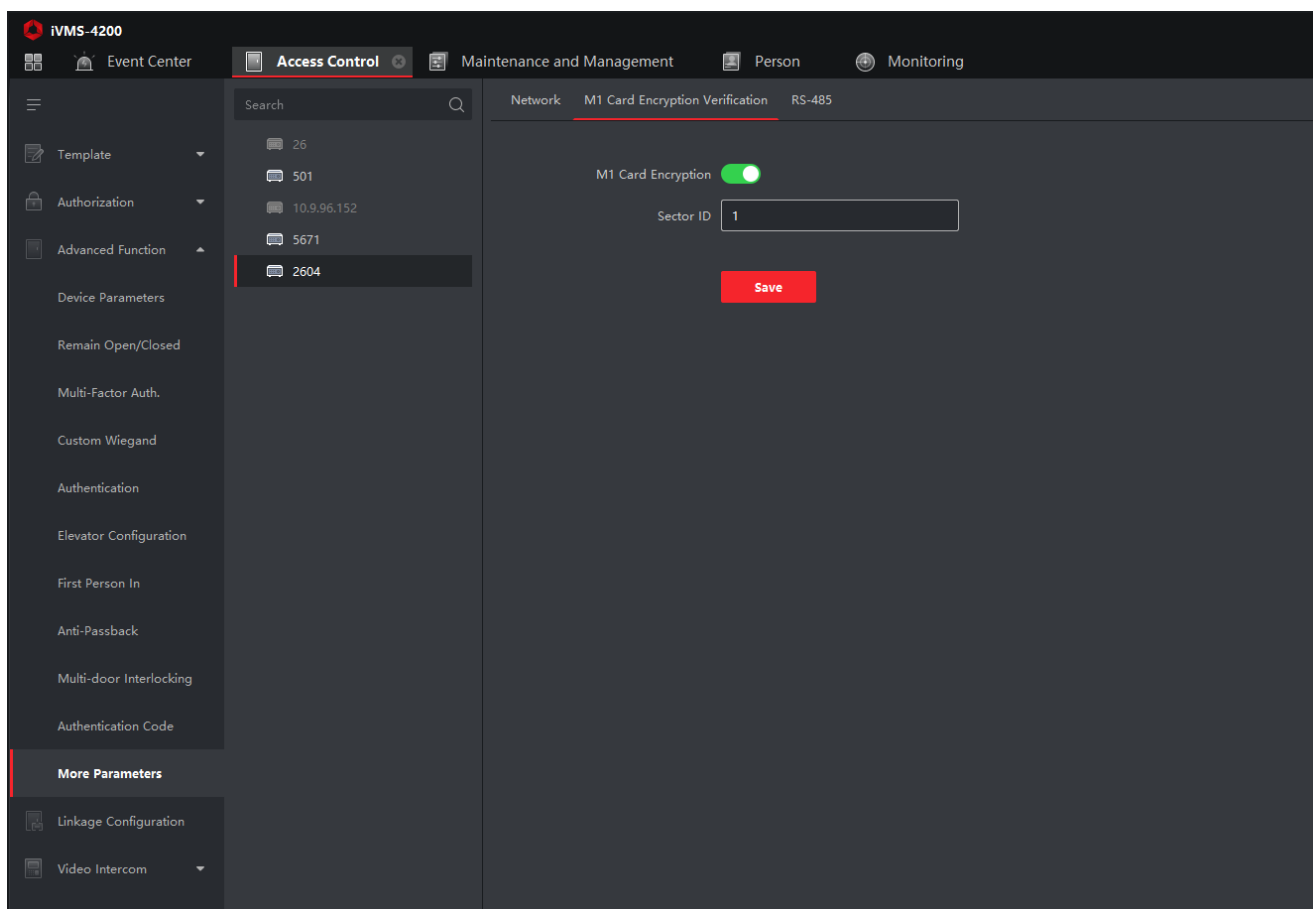
2. Configure Access Group and apply the card to the Access Controller



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3. Enable Access Controller M1 Encryption function:



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4. Swipe the card.

If card have encrypted, it will show **Normal Card Authentication Passed.**

Card No.	Person Name	Organization	Event Time	Door Locat...	Authentica...	Direction	Description
-	-	-	2020-03-05 15:49:14	2604:Door3	-	to	Door Locked
-	-	-	2020-03-05 15:49:09	2604:Door3	-	to	Door Unlocked
1108250542	zaisheng	New Organi...	2020-03-05 15:49:09	Door3	-	Enter	Normal Card Authentication Passed
-	-	-	2020-03-05 15:48:12	-	-	to	Remote: Normal Card Authentication Passed

If card have not encrypted, it will show **Verifying Card Encryption Failed.**

Card No.	Person Name	Organization	Event Time	Door Locat...	Authentica...	Direction	Description
0592484976	-	-	2020-03-05 15:52:00	Door3	-	Enter	Verifying Card Encryption Failed
0479560370	test	New Organi...	2020-03-05 15:51:52	Door3	-	Enter	Verifying Card Encryption Failed
0479560370	test	New Organi...	2020-03-05 15:51:51	Door3	-	Enter	Verifying Card Encryption Failed

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