

<b>Title:</b>	How to Set Access Controller M1 Encryption	<b>Version:</b>	v1.0	<b>Date:</b>	03/05/2020
<b>Product:</b>	Access Control Devices			<b>Page:</b>	1 of 6

## 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.

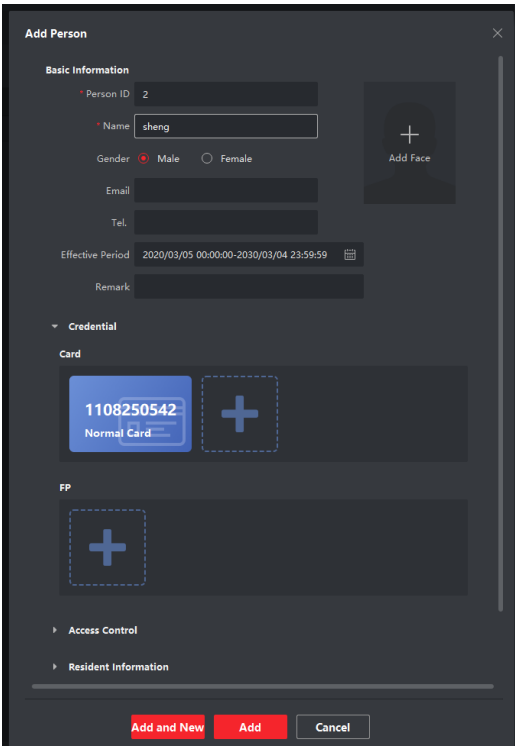
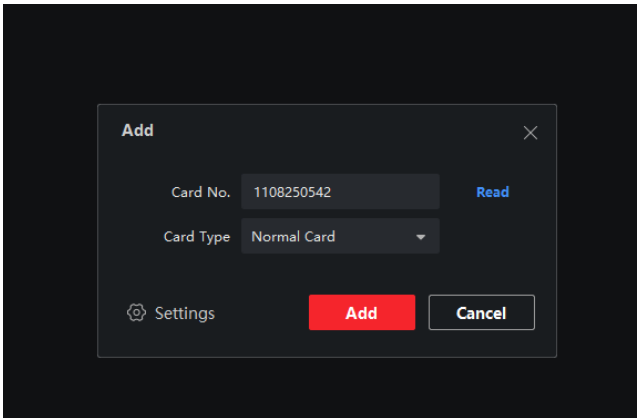
**Note: Card reader need use RS485 connect to controller**

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

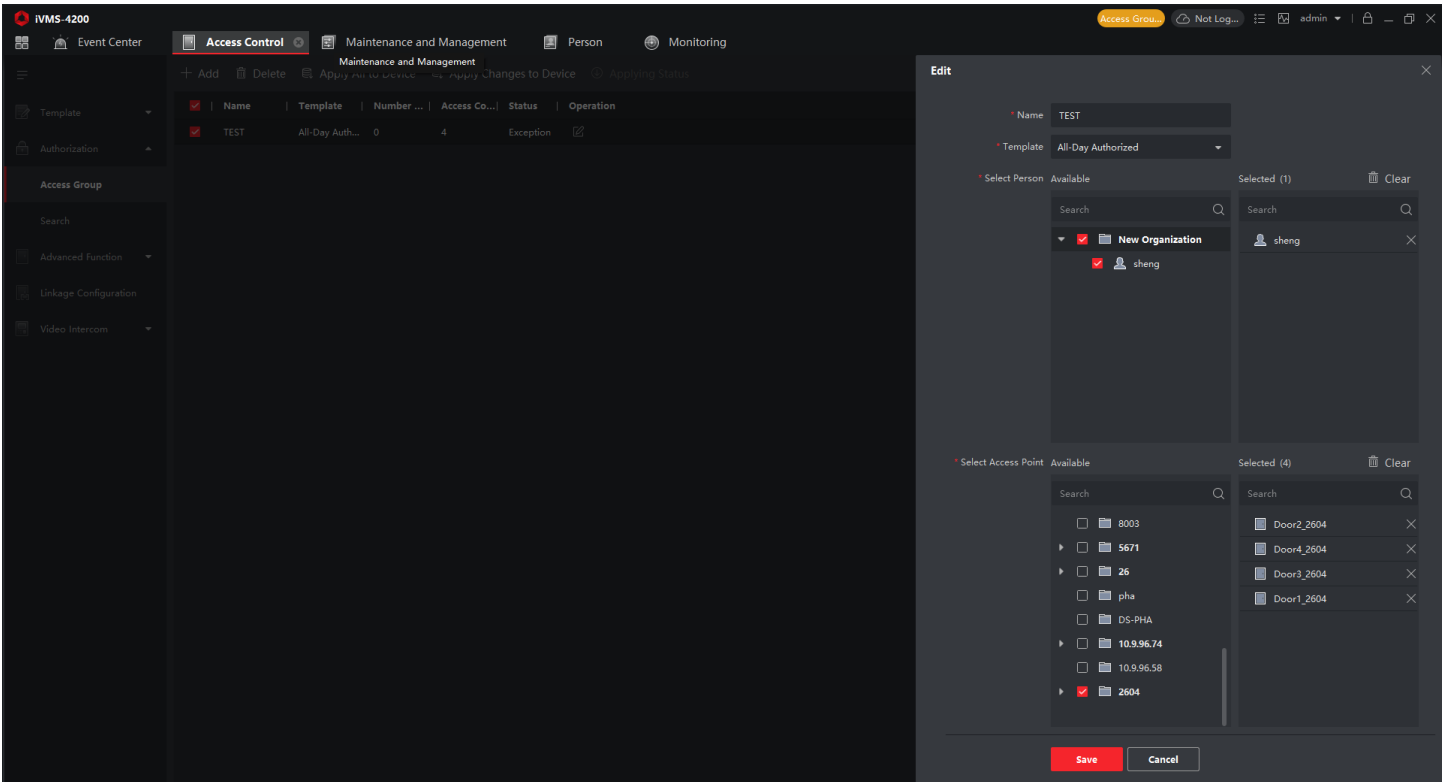
**Sector can be selected by yourself.**

The screenshot displays the Hikvision software interface. The main window is titled 'Maintenance and Management' and shows a 'Person' management table with columns for Name, Person ID, Card No., Valid or Not, Fingerprint, and Card. A 'Settings' dialog is open, showing configuration options for the access controller. The 'Mode' is set to 'Local', 'Card Enrollment Station' is 'DS\_K1F100\_D8', 'Buzzing' is checked, 'Card No. Type' is 'RS-485/Wiegand 34', and 'M1 Card Encryption' is enabled. The 'Select Sector' dropdown is open, showing options for Sector 13, Sector 0, Sector 1 (selected), Sector 2, and Sector 3. An 'Add Person' dialog is also open, showing fields for Basic Information (Person ID, Name, Gender, Email, Tel., Effective Period, Remark) and Credential (Card, FP). The 'Add and New' button is highlighted at the bottom of the 'Add Person' dialog.

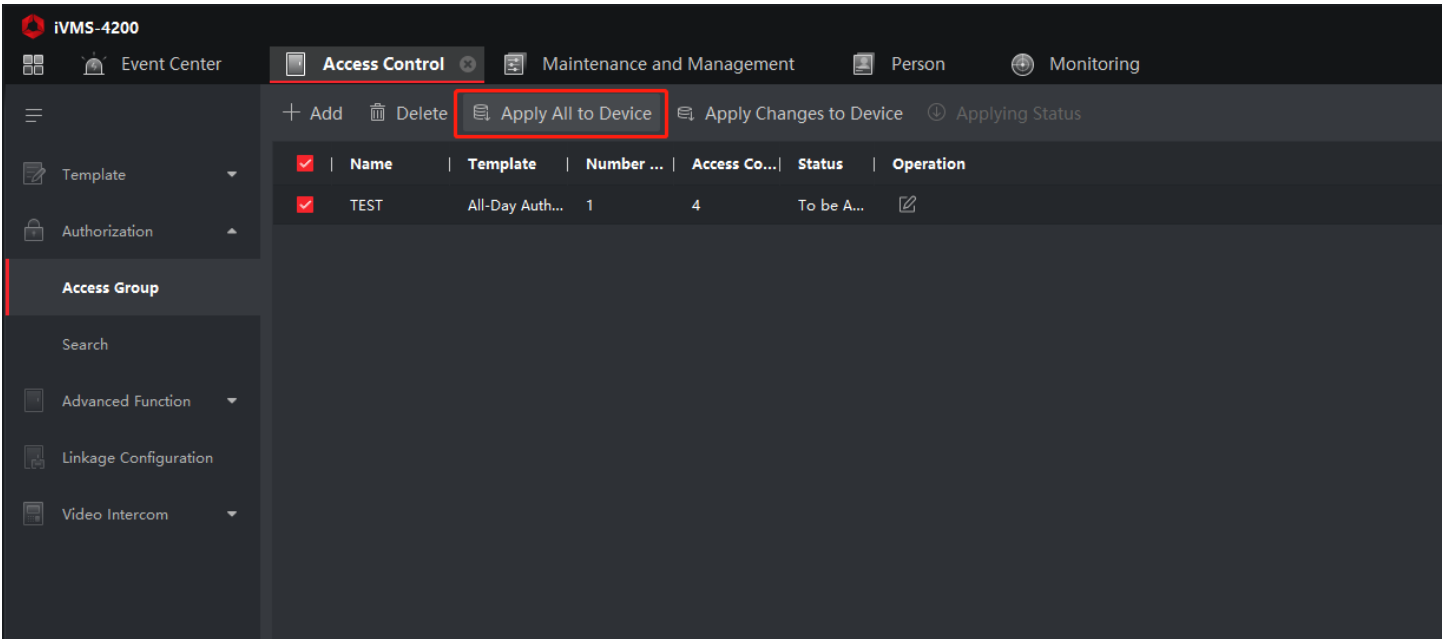
<b>Title:</b>	How to Set Access Controller M1 Encryption	<b>Version:</b>	v1.0	<b>Date:</b>	03/05/2020
<b>Product:</b>	Access Control Devices			<b>Page:</b>	2 of 6



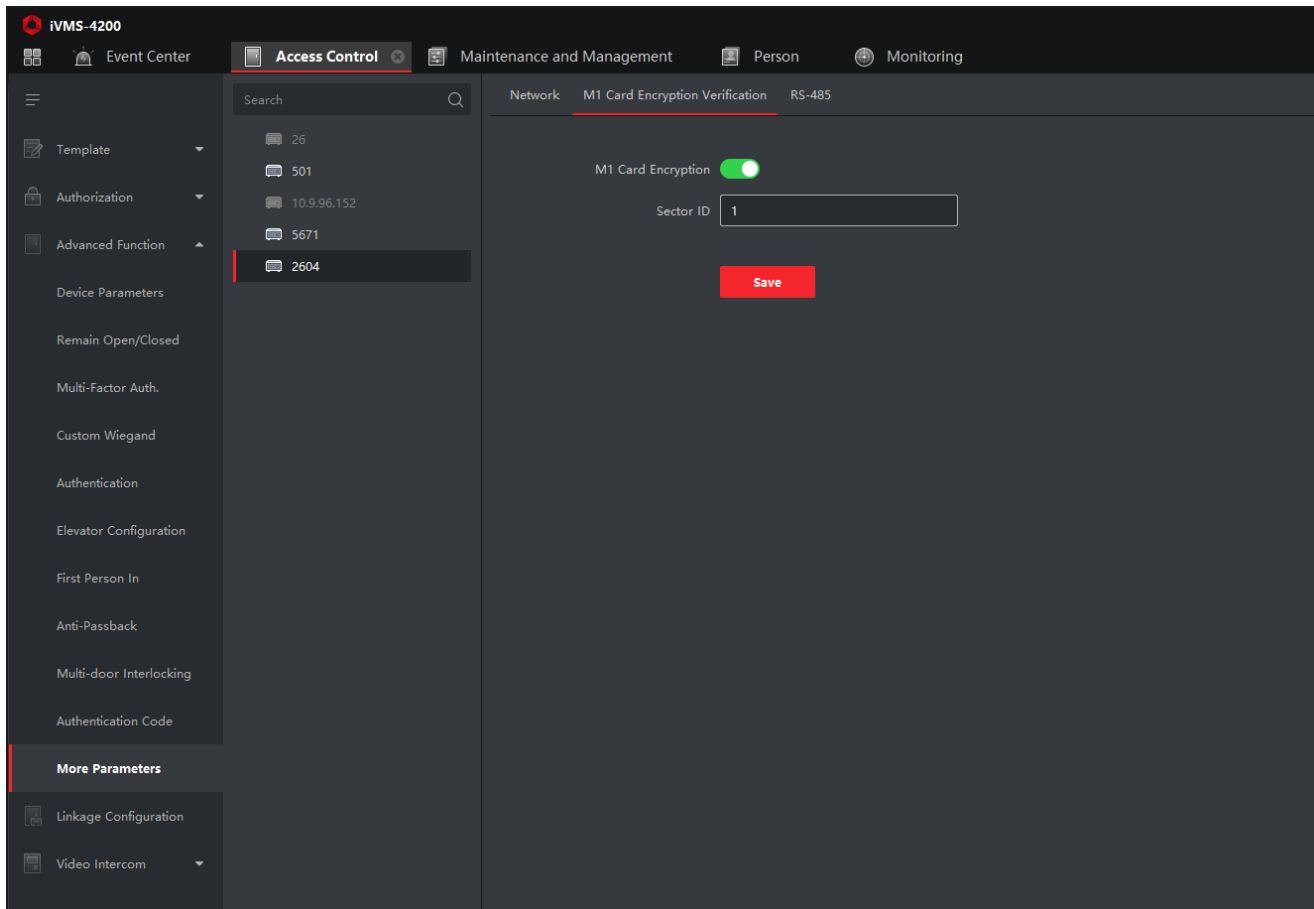
## 2. Configure Access Group and apply the card to the Access Controller



<b>Title:</b>	How to Set Access Controller M1 Encryption	<b>Version:</b>	v1.0	<b>Date:</b>	03/05/2020
<b>Product:</b>	Access Control Devices			<b>Page:</b>	3 of 6



### 3. Enable Access Controller M1 Encryption function:



<b>Title:</b>	How to Set Access Controller M1 Encryption	<b>Version:</b>	v1.0	<b>Date:</b>	03/05/2020
<b>Product:</b>	Access Control Devices			<b>Page:</b>	4 of 6

## 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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