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Elevator control wiring and simple configuration

(Button mode)

Preparation :

Prepare the following equipment for the test, complete the test and then installDs-k2210Ds-k2m0016ds-k1106



Step 1: DIP Switch

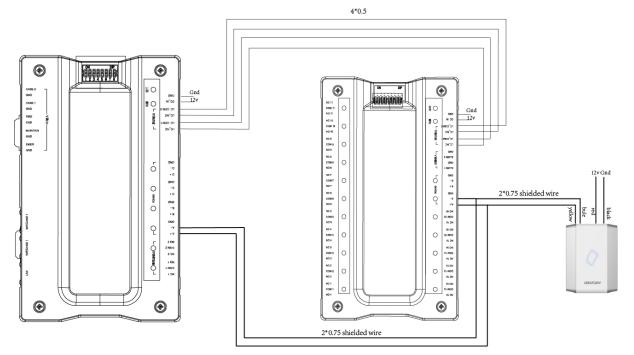
The DIP switch of the card reader should be decimal 1 or 2. The DIP switch of Ds-2100 should be decimal 1 or 2. The DIP switch of distributed elevator controller (DS-K2M0016A) is decimal 3-10

The device USES binary dialing codes

If you want to get dialing 3, Dial 1 and 2, if you want to get 4, Dial 3

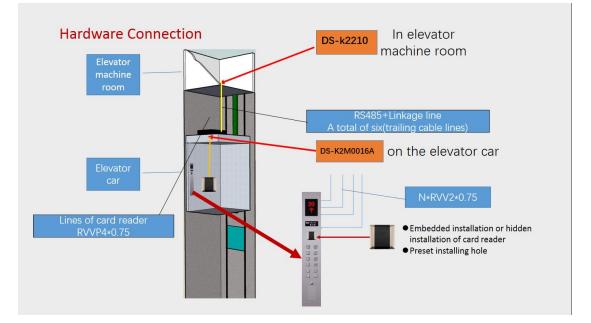
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Step2:Wring



Step 3:Installation

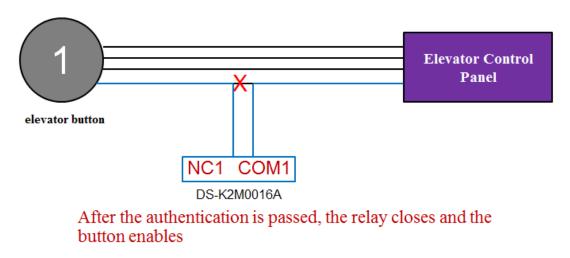
Installation of elevator controller and Elevator button connection controller installation diagram

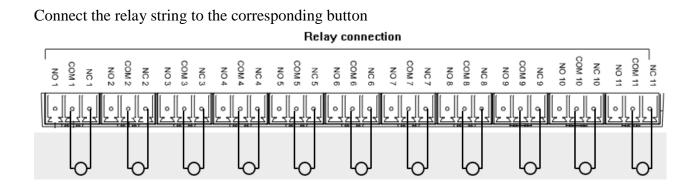


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Principle:

Button (The DIP switch of distributed elevator controller (DS-K2M0016A) is decimal 3-<u>10</u>) : We control the buttons in the elevator, just put the NC and COM into the button circuit, if the permission is verifiable, the relay will action and you can press the corresponding button. This part we need use NC and COM, **because the NC and COM** is disconnected when the controller with power supply, and it will be the opposite without power supply in button mode. The advantage of this mechanism is the controller will release control without power supply, which can avoid hidden dangers.





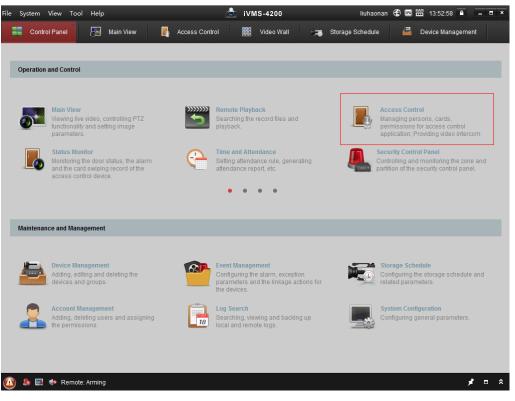
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Step 3:Configuration

4200 2.6.2.7

1.4200 ConfigurationClick the access control



2.Activate

+ (,
Online Device (6)				🕂 Refresh Ever	y 60s 👋
+ Add to Clie	ent 🕂 Add All	🗹 Modify Netinfo 🛛 🦘 Reset Passwor	d 🌻 .	Activate	Filter	
IP	Device Type	Firmware Version	ecurity	Server Por	t Device Serial	Start Ti 1
10.5.6.30	DS-7732NI-K4	HOLNVR32-IN V1.1.1.2 Ad	tive	8000	DS-7732NI-K4	2017-0
192.0.0.64	DS-K2210	V1.0.0build 161130 In	active	8000	DS-K2210201	2017-0
+						÷.

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3.Modify net info

File	System	View i	Fool Help		<u>a</u>	iVMS-4200		ADMIN	🔁 🚥 🚟	15:56:08 🔒	- • ×
	Contro	ol Panel	📕 Acc	cess Control	5 Status Monitor	🐣 Event Manage	ement 🖴	Device Ma	nagement		
	Device for	or Manag	ement (1)			Modify Network	k Parameter	_	_	×	😯 Refresh All
R R V °°° S R	Device 1	ype Nie	dify 🗶 Delete ckname vator controller	Remote Confil Connectio Ne TCP/IP 10.	Software Version:	10.5.6.117 255.255.255.0 10.5.6.254	V01000EN79355	3954	Сору Сору Сору	Itatus	Refresh
₽ 0								ок	Cancel	Refresh E	· ·
	Online D	evice (1)			,					C Refresh E	Every bus
	+ Add	to Client	+ Add All	🖪 Modify Netinfo	🔊 Reset Password	Activate			Filter		
	IP		Device Type	Firmwar	e Version Secur	rity Server Port	Device Serial	Start Time		Added	Support H
	10.5.6.1	.7	DS-K2210	V1.0.0b	uild 161130 Active	e 8000	DS-K2210201	2017-07-2	1 15:55:56	Yes	N/A
	+						~ ~ ~)	•

4.Add to client

User name : admin

File	System	View	Tool	Help		iVM 📩	S-4200		ADMIN 🏵	0 🕮 🛗 15:58:04	● _ □ ×
	Contr	ol Pane				Add				× ent	
₽	Device f	or Mana	gemen	Adding Mode:							📀 Refresh All
롦	+ Add	1 🖄 N	lodify	IP/Domain	IP Segment	O Hik-Conn	ect D 🔘 EHo	ome 🔿 s	Serial Port		
R	Device	Туре М	licknan	O IP Server	O HIDDNS	 Batch Imp 	port			Net Status	Refresh
				Add Offline	Device						
					Nickname:	Elevator	controller				
9					Address:	10.5.6.11	17				
. 0					Port	8000					
¢°					User Name:	admin					
					Password:	•••••	•				
%					 Export to Group 						
Ð					Set the device name connected to the de			the channels			
o	•							Add	Cancel		+
	Online E	Device (1)							Refres	sh Every 60s
	+ Add	to Clier	nt 🕇	Add All 🛛 🖸 Modi	fy Netinfo 🛛 🥱 Reset Pass	sword 🛛 🔮 Ac	tivate		Fi	ilter	
	IP	^	Devic	е Туре	Firmware Version	Security	Server Port	Device Serial	Start Time	Added	Support H
	10.5.6.1	17	DS-K	2210	V1.0.0build 161130	Active	8000	DS-K2210201	2017-07-21 1	15:57:56 No	N/A
	+)	ŀ

To activate the password, you must check "Export to Group"

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User Name:	admin
Password:	•••••
Expert to Crown	
Export to Group	

5.Determine the controller to display online

🕂 Add 🗹 Modify 🗱 Delete 🏾 🏶 Remote Configuration 🏙 QR Code 🌻 Activate	Filter		
Device Type Nickname Connectio Network Paramet Device Serial No.	Security	Net Status	Refresh
Access Co test TCP/IP 10.5.0.233:8000 DS-K221020170511V010000EN793553954	Weak	0	Ð

6.Configuring the correspondence between floor and relay

File	System View Too	l Help	1	📥 iVMS-420	00	ADMIN	🐨 📟 🔠 15:3	0:56 🔒 🗕 = 🗖 🛪	×
	Control Panel	🖺 Access Co	ntrol 🚺 🐻 Status I	Monitor 🐣 E	vent Management	🚔 Device Ma	nagement		
_	Access Contr	Card Reader	🖁 Multiple 📼 Open I	Door 軍 Anti 甫	Cross-Controller Ar	nti 盾 Multi-do	IIII Authenticat	🕄 Rela 🗔 Cust.	
롦	Controller List		Relay Settings					Save	
R	Search 4	9	Default S Clea	r All Se Relay Type	- Bu	- Ca Au		ed Relay	
	🚦 Elevator co	ntroller	Floor1	Floor2	Floor3	Floor4	Button	Call Ele Aulo	
8			1-1	1-2	1-3	1-4	2-2	2-3	
ø°			Floor5	Floor6	Floor7	Floor8		_	
	2		1-5	Not Use 🔺	Not Use	Not Use	2-4	2-5	
\$			Floor9	Floor10	Floor11	Floor12			
B			Not Use	Not Use	Not Use	Not Use	2-6	2-7	
			Floor13	Floor14	Floor15	Floor16			
			Not Use	Not Use	Not Use	Not Use	2-8	2-9	
			Floor17	Floor18	Floor19	Floor20	2-10	2-11	
			Not Use	Not Use	Not Use	Not Use			
			Floor21	Floor22	Floor23	Floor24	2-12	2-13	
							•		Ŧ
	🦺 🚰 🌵 Key Co	ntrol Relay Break						🖈 🗉 🎗	2

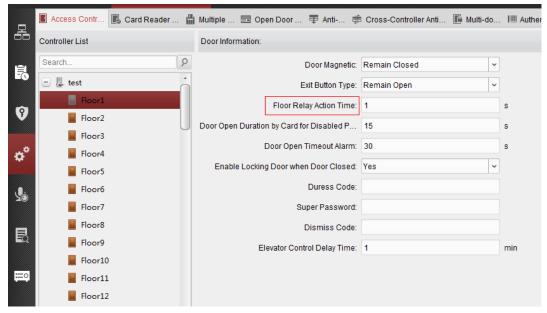
Drag the right relay to the corresponding floor

Click on the upper right corner after the configuration is completed.

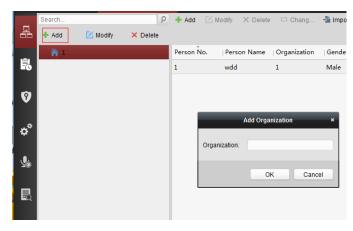
The first number of the right relay is based on the Numerical Value of the dip switch

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7.Set the delay time for each floor by default to 120s, which can be set to 15s



8.add the staff permission



9.Add a person's card

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	Search		9	🕇 Add	🖾 Modify	× Delete	t⊐ Chang	📲 Import	Export	🦾 Get Pe	1
몲	🕂 Add	🗹 Modify	× Delete				Add Pers	on		×	na
	1			Person No	o.: 2			*			0.
R				Person Na	ame: 1	11					17
				Gender:	۲	Male	Female				
9				Phone No	c 🗌						
				Date of Bir	rth: 2	017-11-24		<u></u>			
¢°				Place of B	irth:						
				Email:							
Ŀ								Upl	oad Picture	Take Photo	
				😳 Detail	s 🤱 Perm	nission 🗵 C	ard 👤 Face	Picture 🧔 Fir	ngerprint 📑 A	ttendance Rule	
B				+ Ad	Id 🖂 Mo	difv X Dele	te 🙆 Link F	ing 游 QR	Code 👤 Li	nk Fac	
				Index					ctive Link Fi		
 0				Index		3414140.	Card Type	Card Life	Cive Elik i i	ingerprint En	

10.Add permissions, check permissions and click on the right direction to click ok

		Add Perm	ission	
Permission Name	22			
Template:	Whole Week Template	~	Add Template	
Person			Selected Person	
Search		9	Search	
- 🗹 🏠 1			Person Name Organization	
🗹 🚨 wd	d		💄 wdd 🛛 1	
		>		
1				
1		<		
		<		
		<		
Access Control Po	nt/Device	<	Selected Access Control Point/Device	
Access Control Po	nt/Device	<	Selected Access Control Point/Device Search	
	nt/Device			
Search	nt/Device		Search	
Search			Search Access Contro Door Group	
Search Search Search test Flo Flo Flo	or1_test	P Î	Search Access Contro Door Group	
Search Carlot test Carlot test Flo Carlot flo Carlot flo	or1_test or2_test	م : :	Search Access Contro Door Group Floor1 test Floor2 test	
Search - C test C E Flo C E Flo C E Flo C E Flo	or1_test or2_test or3_test	م : :	Search Access Contro Door Group Floor1 test Floor2 test Floor3 test	

11. When you click ok, you will be prompted to send it, and you can click directly.

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Data Synch	ronization ×
Data is changed.Click Apply data to the devices.Or you ca Permission interface.	
Apply Now	Apply Later

12.Can also be selected permissions set after clicking all issued (delete permission first, then issued all permissions, generally after adding new equipment use) or move issued (group permission to use when there is new change).

Step4 :Validate



I give this card the permission of the first three floors, after swiping card, We can see the corresponding relay acted by these pictures $_{\circ}$

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