GVS
智慧安防
拨号呼叫
视频监控
离家布防
呼叫电梯
紧急报警
智能家居
户型图
在家模式
离家模式
智慧社区

3、不要使用湿布或具挥发性的试剂擦拭设备；

“Function Page”

“Time function setting”

“Event Group function”

“Logic function setting”

“General”

“General sensor”

“Time Function”

“Event Group”

“Logic function”

..... 183

..... 183

TCP/IP

KNX

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-
-
-
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-
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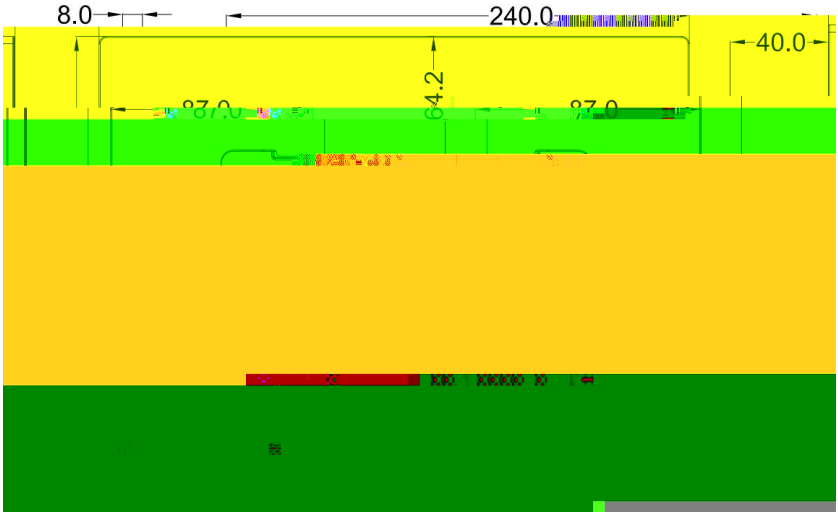
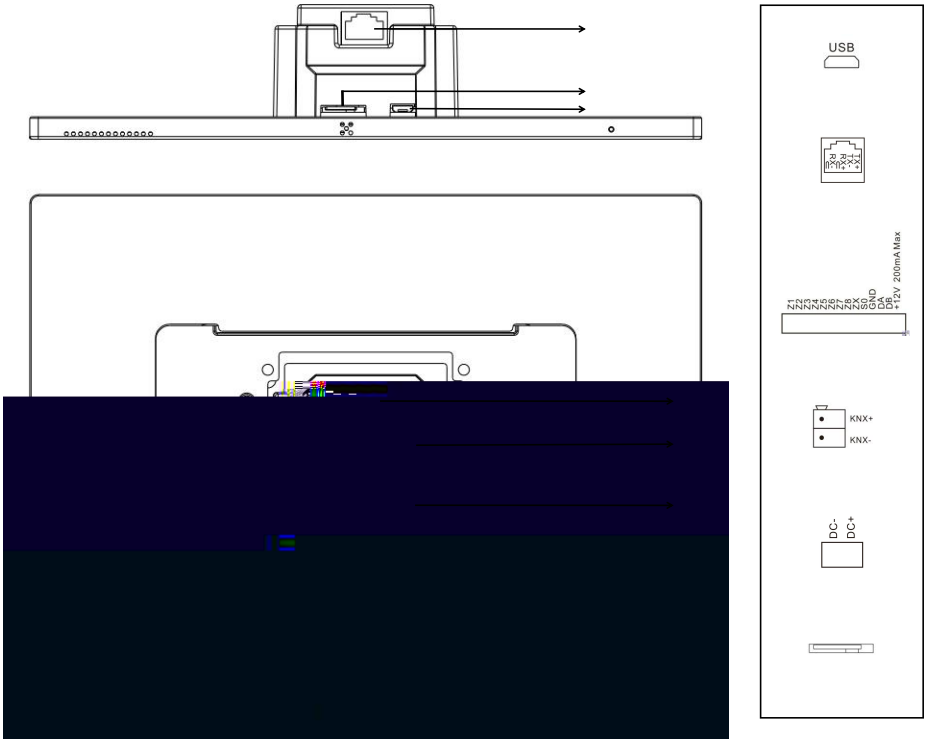

8.0
240.0
40.0
64.2
87.0
87.0



MicroUSB TF

PoE 48V

+12V GND 200mA

DB DA 485

S0

Z8 Z1 /

Z8

KNX/EIB

DC 24 ~30V

DC 24V

200 mA

500 mA

200 mA (12V)

10.1

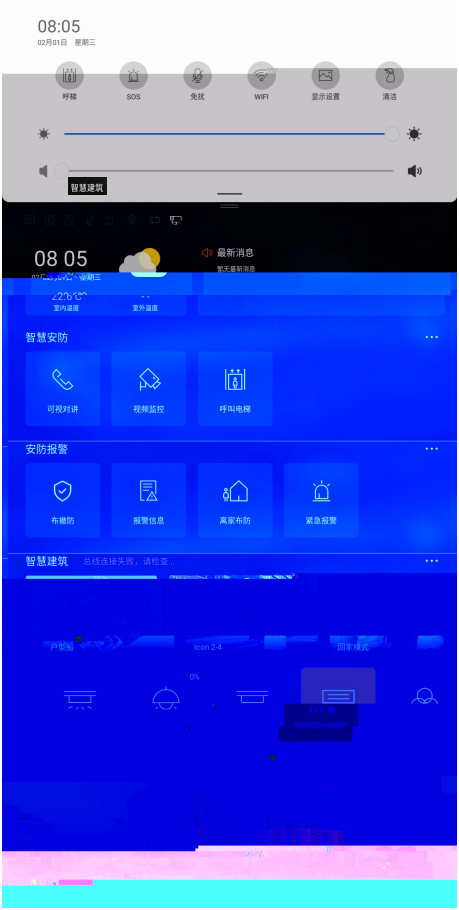
1280 800

(L W D) 186.8 240 40mm

86 (L W D) 86 86 60mm

-10 ~ +55

30 120 30



logo 1MB 99 30 .jpg/.png

toplogo TF smarthome

TF

SOS

2

免扰

WIFI

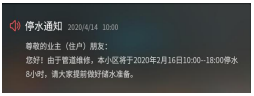
WIFI

显示设置

清洁

30

09:36AM


停水通知 2020/4/14 10:00
尊敬的业主（住户）朋友：
您好！由于管道维修，本小区将于2020年2月16日10:00-18:00停水
8小时，请大家提前做好储水准备。

空气质量
40
62
200
720
PM2.5 (ug/m3)
PM10 (ug/m3)

ETS

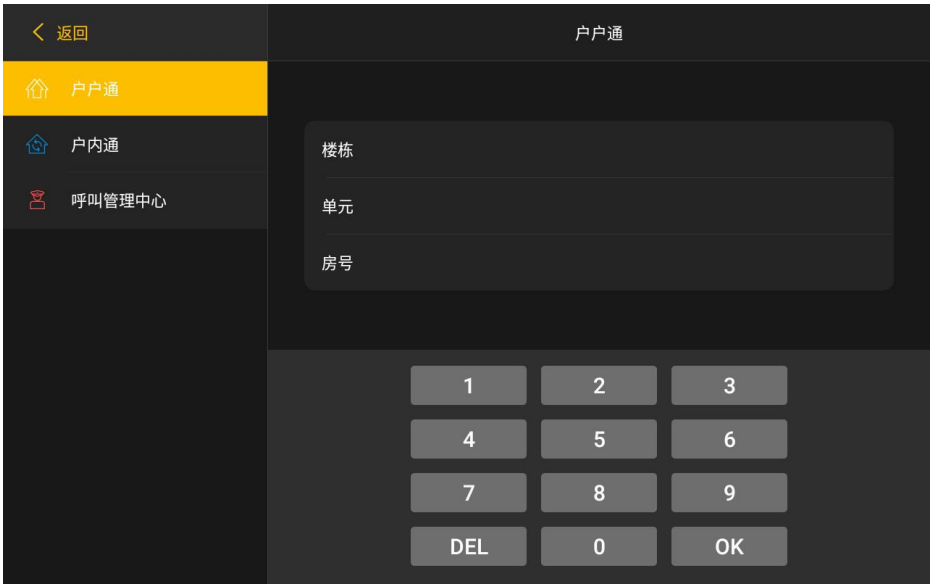
IP

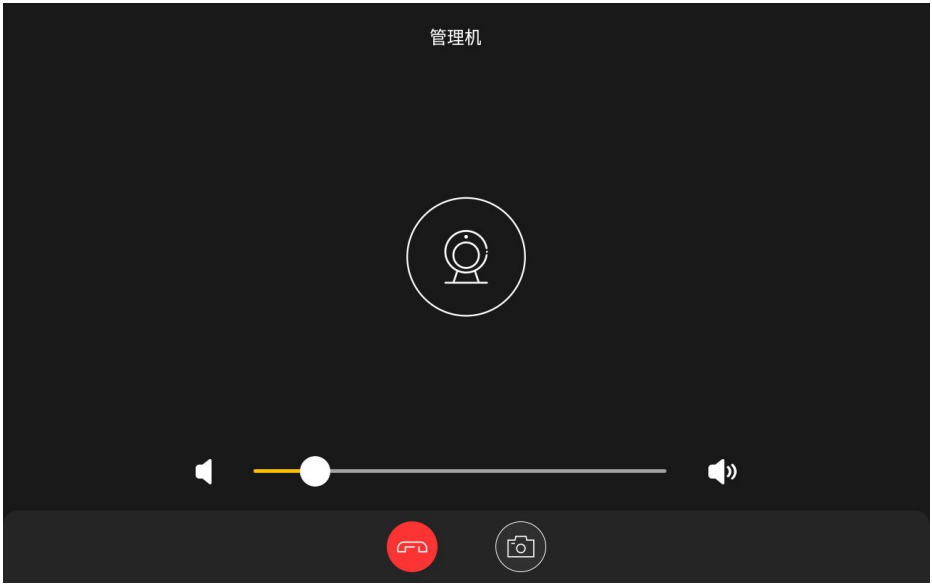
/

2

KNX

ETS


返回
户户通
户户通
户内通
呼叫管理中心
楼栋
单元
房号
1
2
3
4
5
6
7
8
9
DEL
0
OK


管理机

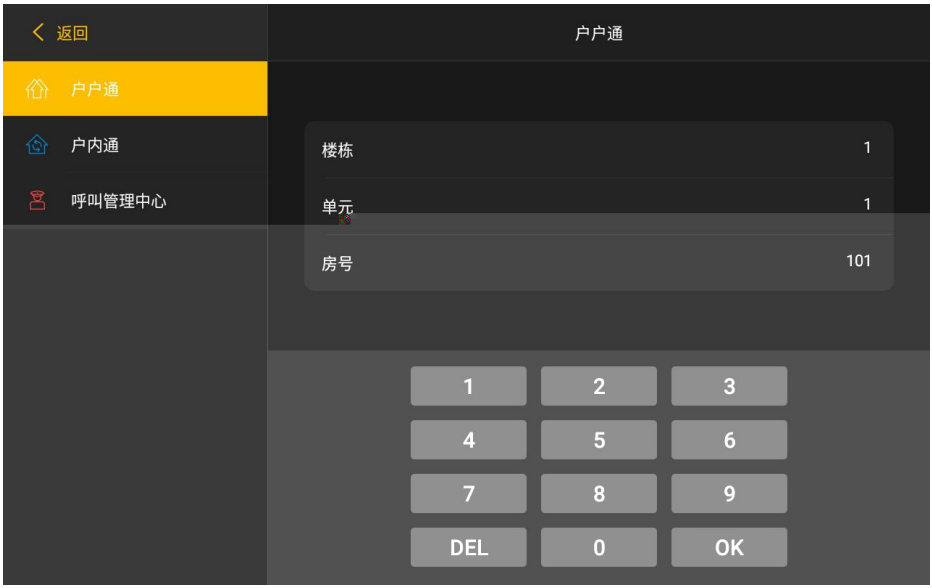
⟹ ⟹

○ 呼叫管理中心

○

○

○



⟹ ⟹ ⟹

○ 户户通

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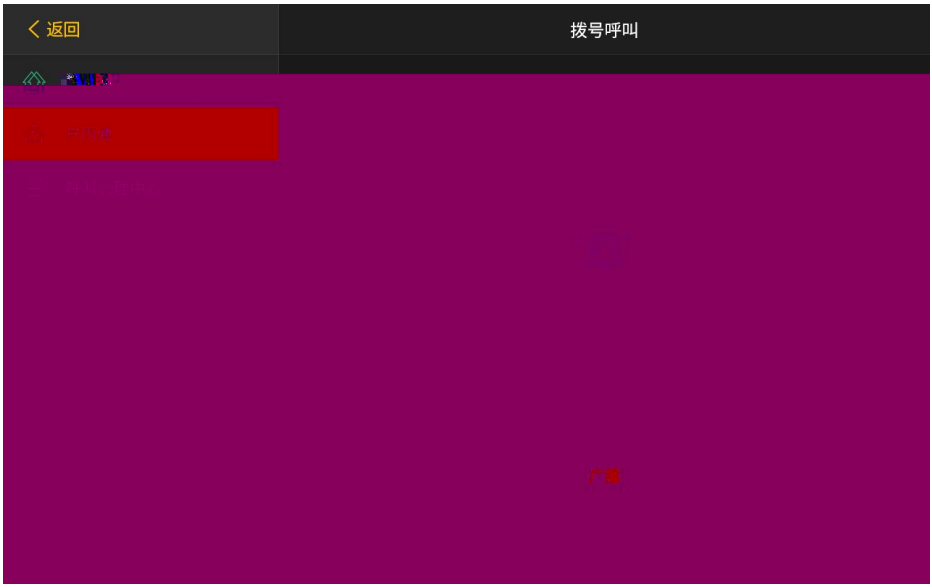

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30

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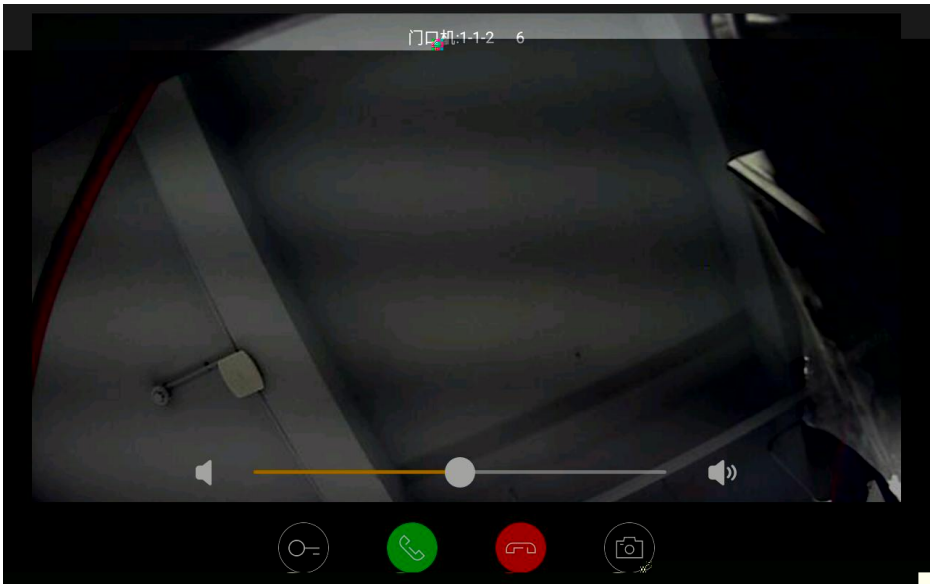


○

○

○ 5S

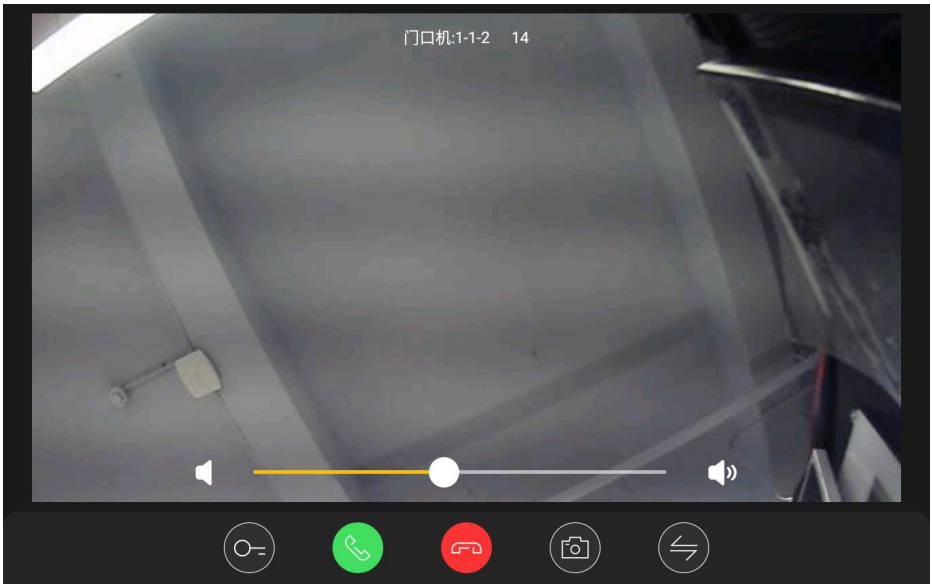
○ MIC

○

○

/ /

/IP


门口机:1-1-2 14

⇨ ⇨

4 IP

●

rtsp

TF MonitorList.json

rtsp MonitorList.json TF

TF TF

TF 64

-

IP

-

120 120

4

200

200

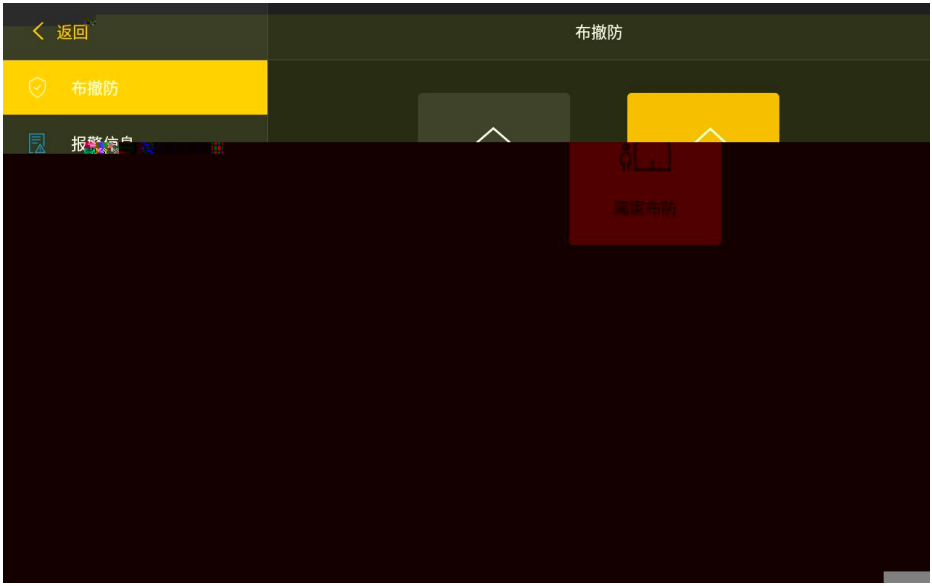
返回
通话记录
门口机呼入
2020-05-09
门口机 1-1-1 有人呼入，请尽快查看图片！
管理机呼入
2019-08-14
管理机 1-2 有人呼入，请尽快查看图片！
围墙机 1
2019-07-16
围墙机机 1 有人呼入，请尽快查看图片！
室内机 102
2019-05-09
室内机 102 有人呼入，请尽快查看图片！
小门口机呼入
2019-04-14
小门口机 1-1 有人呼入，请尽快查看图片！
2020 年 05 月 09 月 下午 13:20
门口机 1-1-1 呼入
回拨

2 SOS

SOS/

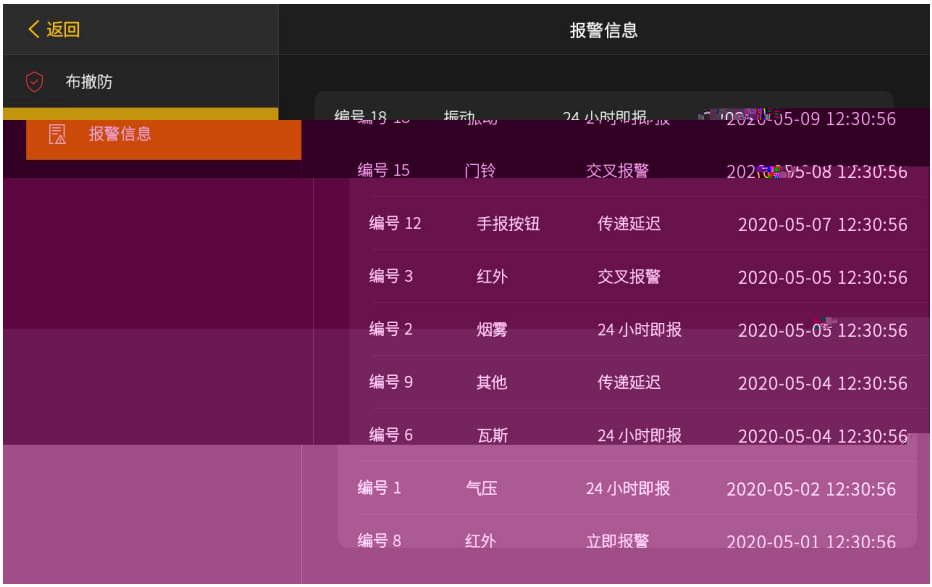
拨号呼叫
SOS 信号已发送!
报警记录
视频监控
离家布防
紧急报警
呼叫电梯

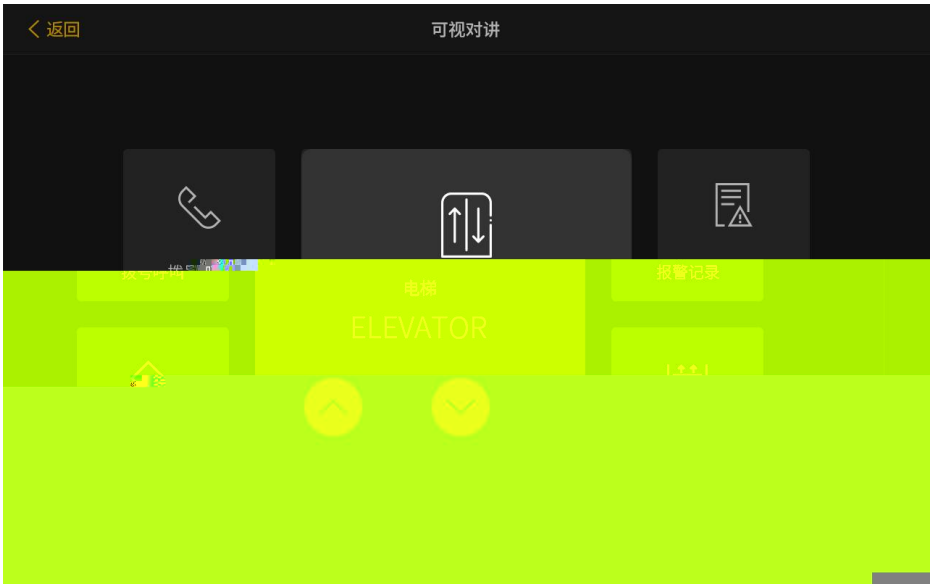
/



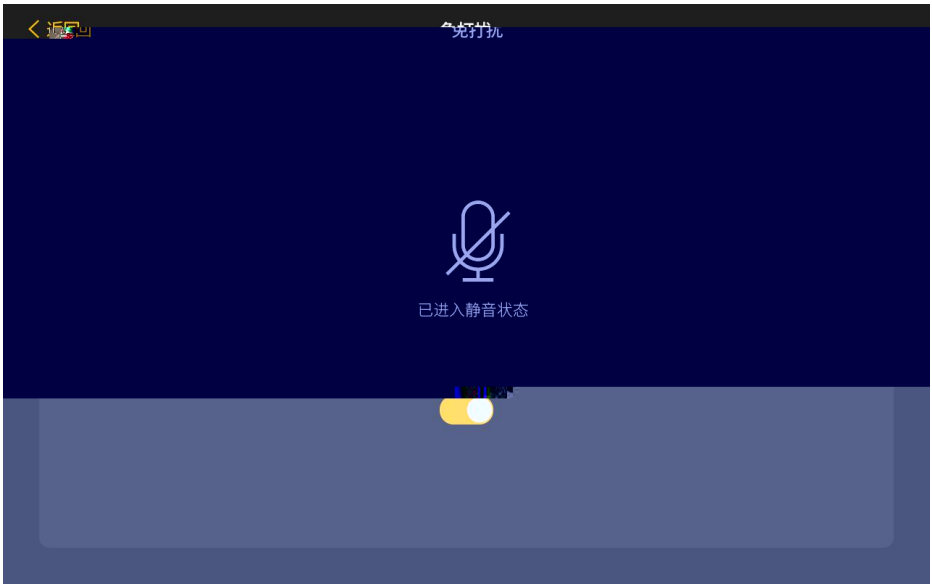
PC

200


返回
报警信息
布撤防
报警信息
编号 15 门铃 交叉报警 2020-05-08 12:30:56
编号 12 手报按钮 传递延迟 2020-05-07 12:30:56
编号 3 红外 交叉报警 2020-05-05 12:30:56
编号 2 烟雾 24 小时即报 2020-05-05 12:30:56
编号 9 其他 传递延迟 2020-05-04 12:30:56
编号 6 瓦斯 24 小时即报 2020-05-04 12:30:56
编号 1 气压 24 小时即报 2020-05-02 12:30:56
编号 8 红外 立即报警 2020-05-01 12:30:56

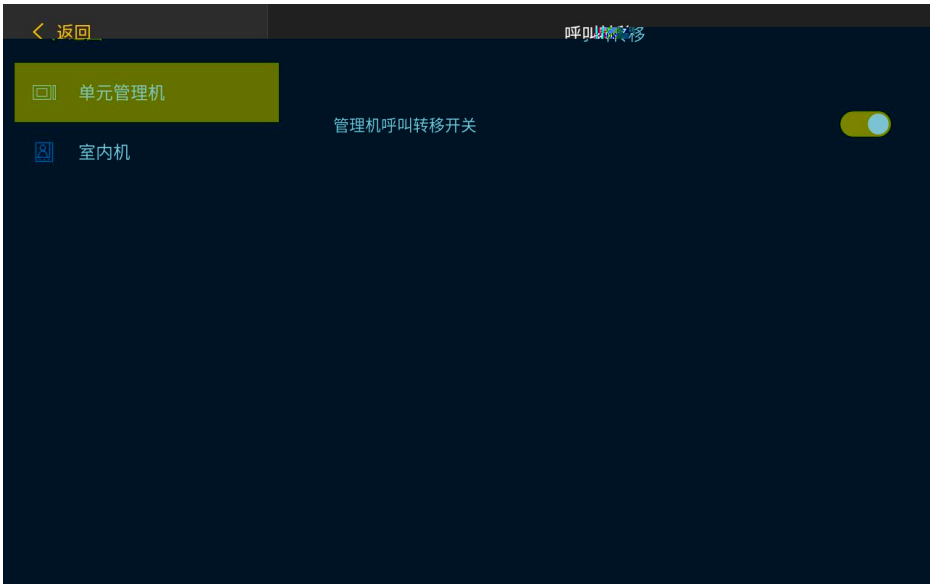

返回
可视对讲
电梯
ELEVATOR
报警记录

/



666666

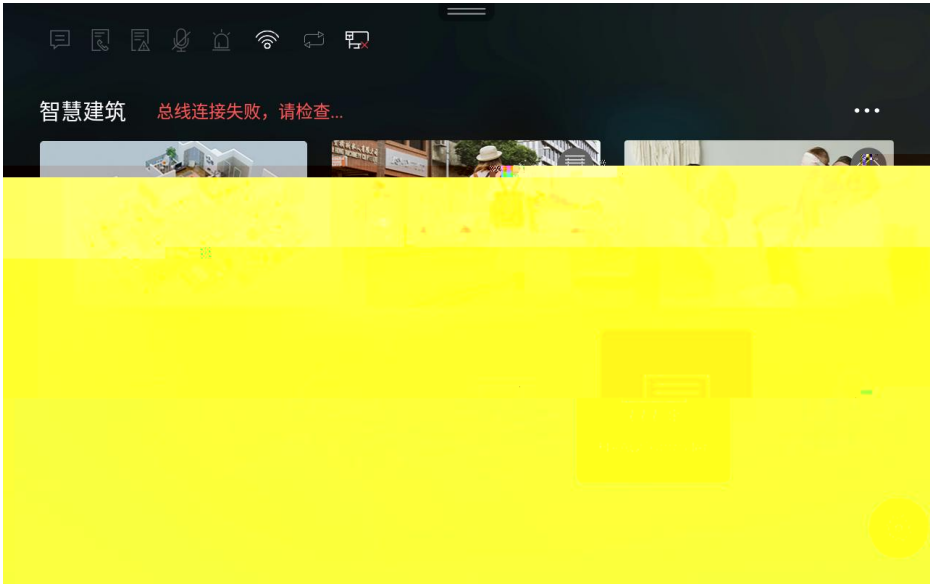
(1)


返回
呼叫转移
单元管理机
室内机
管理机呼叫转移开关

(2) 室内机

- -

返回
呼叫转移
单元管理机
室内机
室内机呼叫转移开关
楼栋
单元
房号
1
2
3
4
5
6
7
8
9
DEL
0
OK



(1)

(2) / ETS

KNX

(1)

(2)

-

(1)

(2)

(3)

(4) 编辑

完成

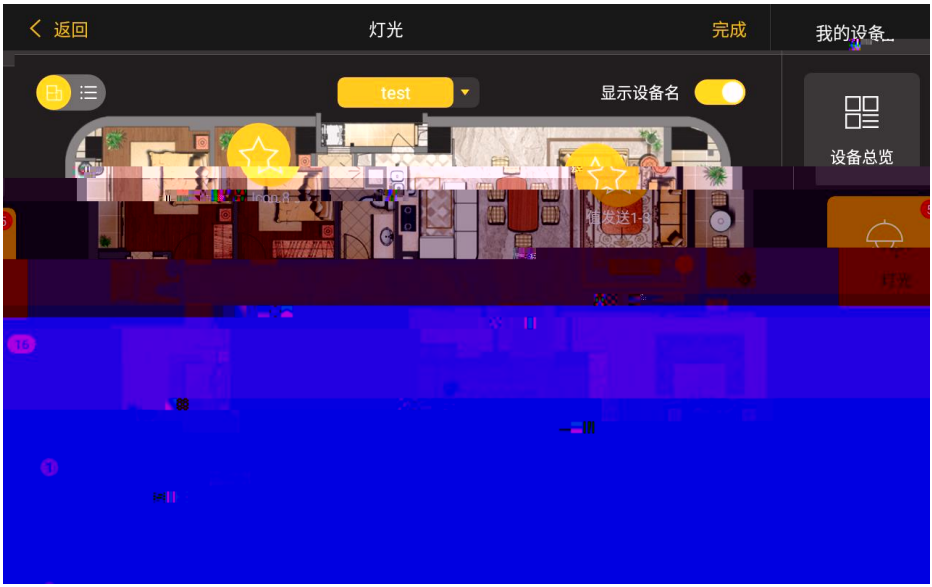
返回
灯光
我的设备
开关灯1-1
调光灯1-2
0%
调光
0%
Icon 7
0%
Icon 6
0%
Icon 7
0%
Icon 8
0%
值发送1-3
Icon 8
设备总览
灯光
窗帘
空调

(1)

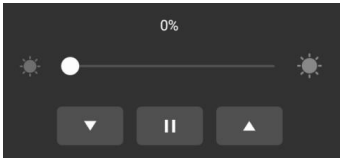
(2)

(3) 编辑

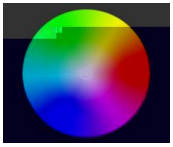
完成



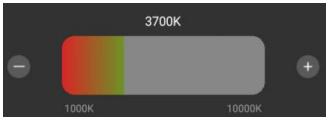
(4)

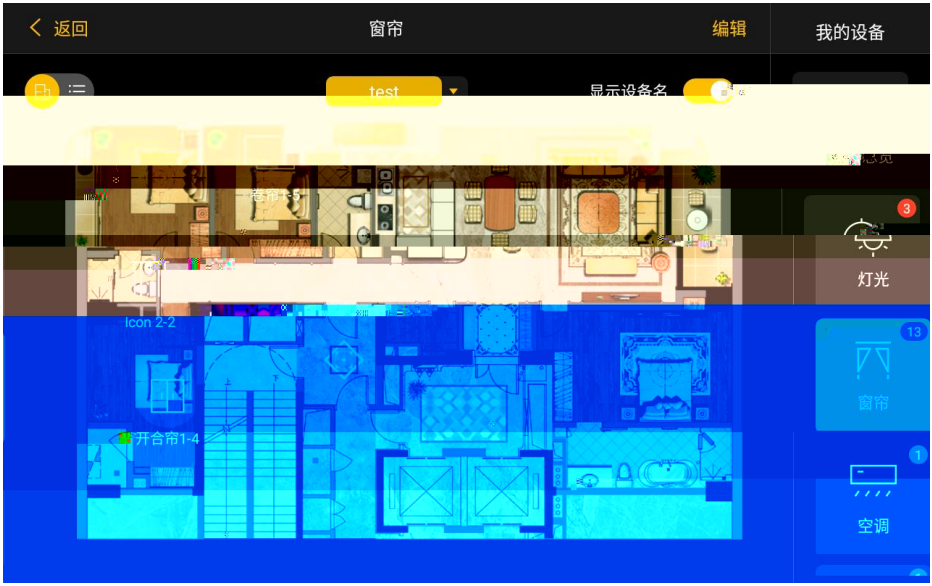


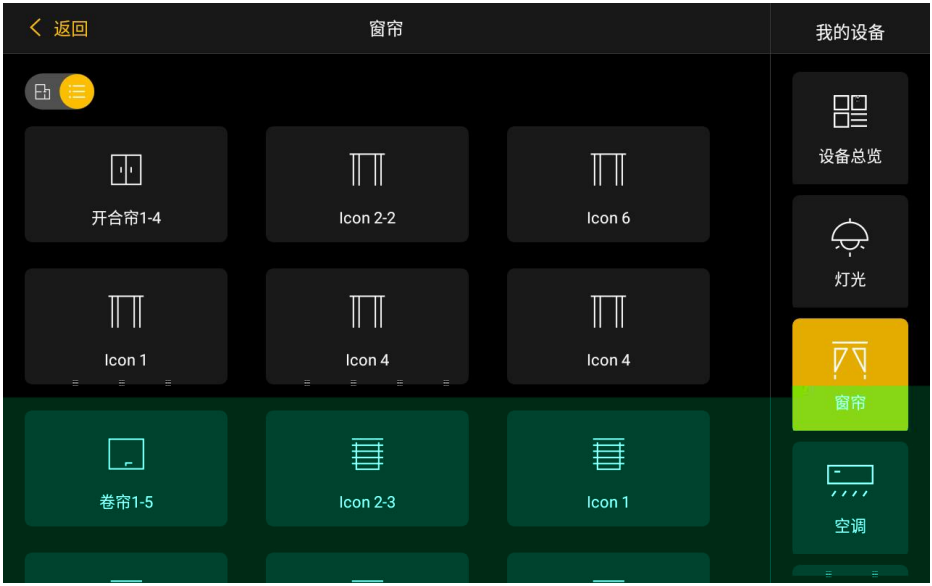
100%　　100%



RGB




返回
窗帘
编辑
我的设备
test
显示设备名
卷帘1-5
Icon 2-2
开合帘1-4
灯光
窗帘
空调

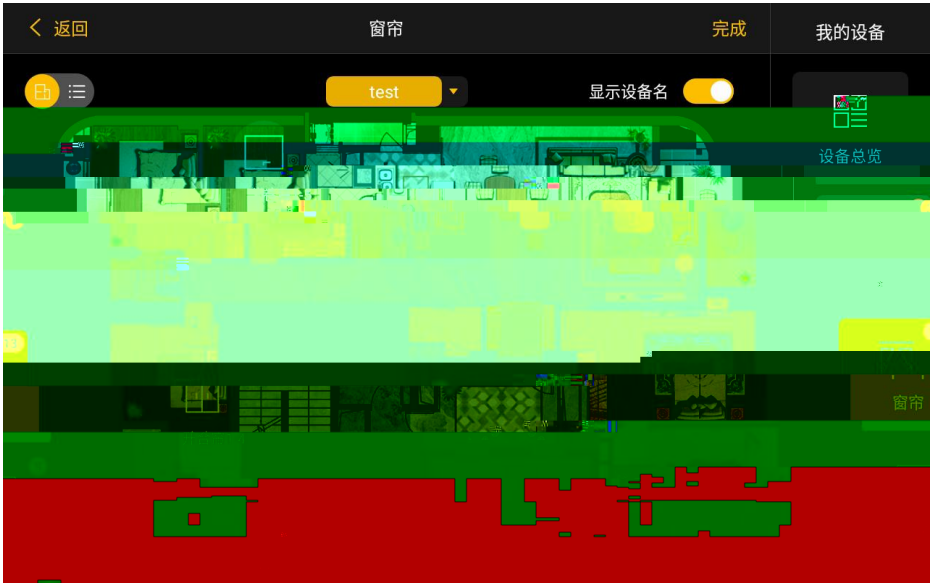

返回
窗帘
我的设备
开合帘1-4
Icon 2-2
Icon 6
Icon 1
Icon 4
Icon 4
卷帘1-5
Icon 2-3
Icon 1
设备总览
灯光
窗帘
空调

(1)

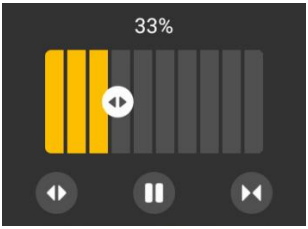
(2)

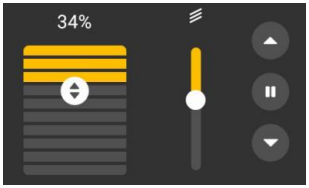
(3) 编辑

完成

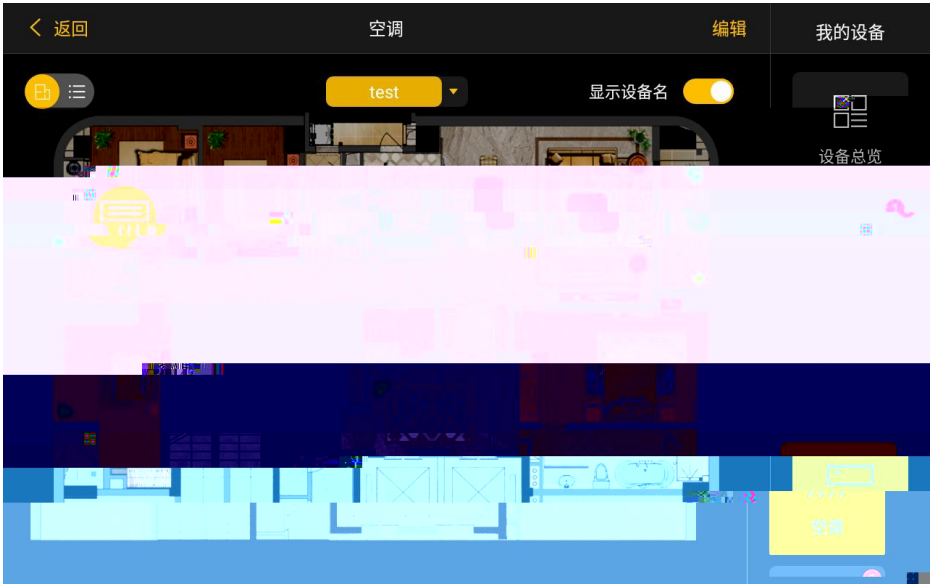


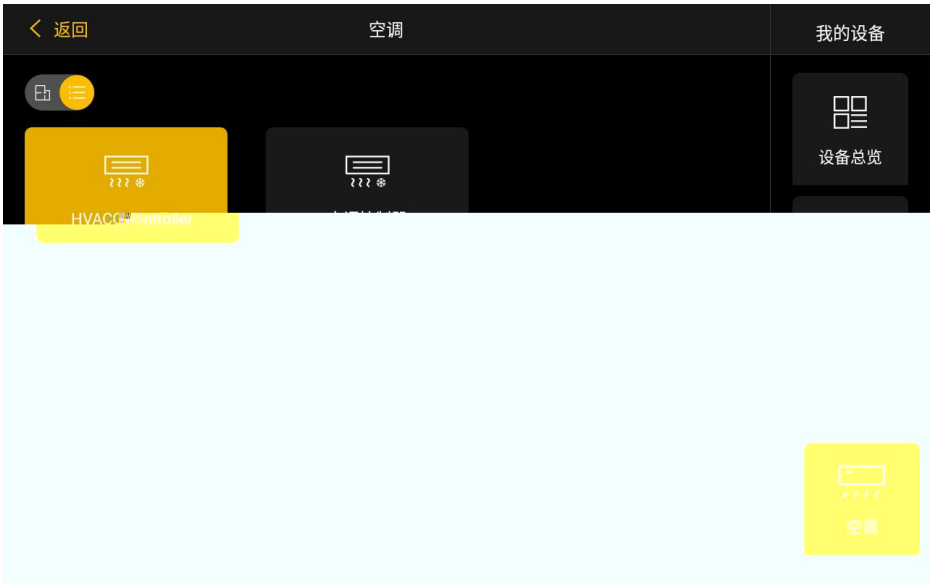
(4)





○


返回
空调
编辑
我的设备
test
显示设备名
设备总览

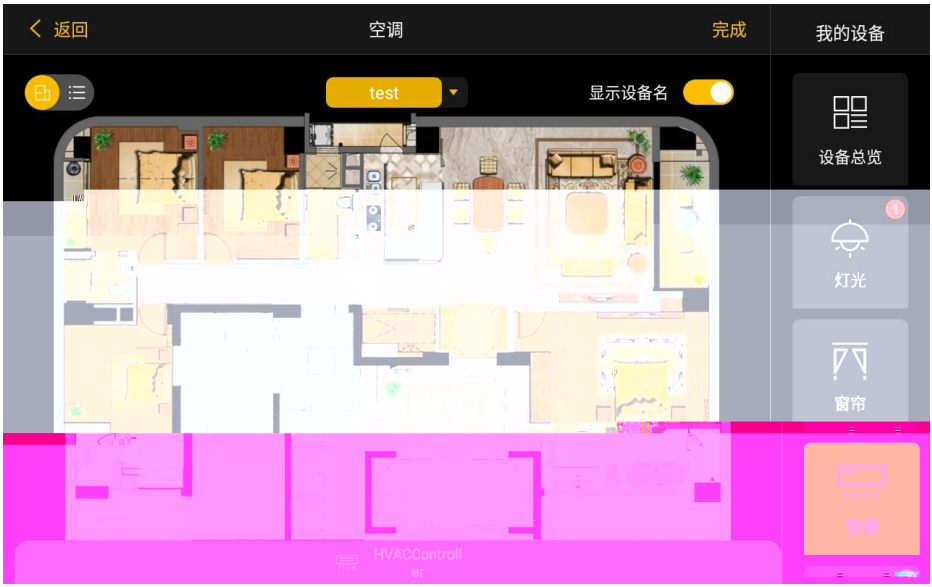


(1)

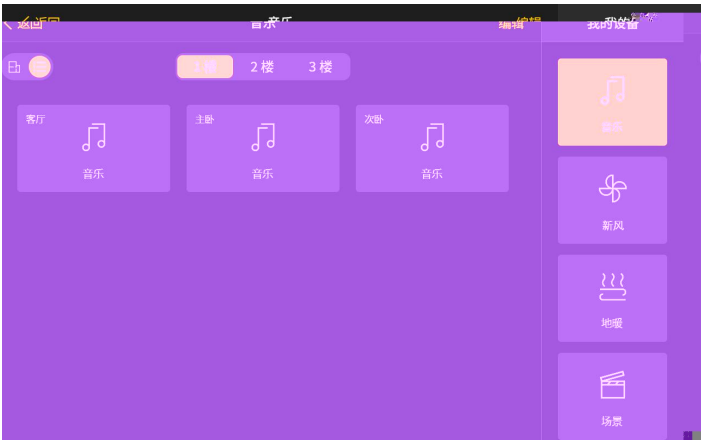
(2)

(3) 编辑

完成



(4)

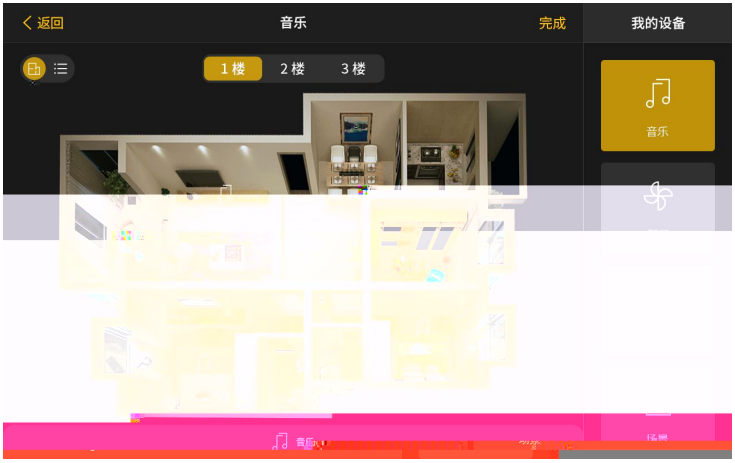


(1)

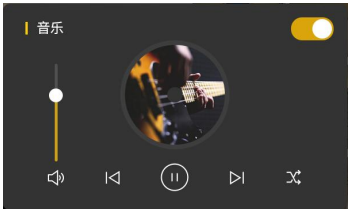
(2)

(3) 编辑

完成



(4)



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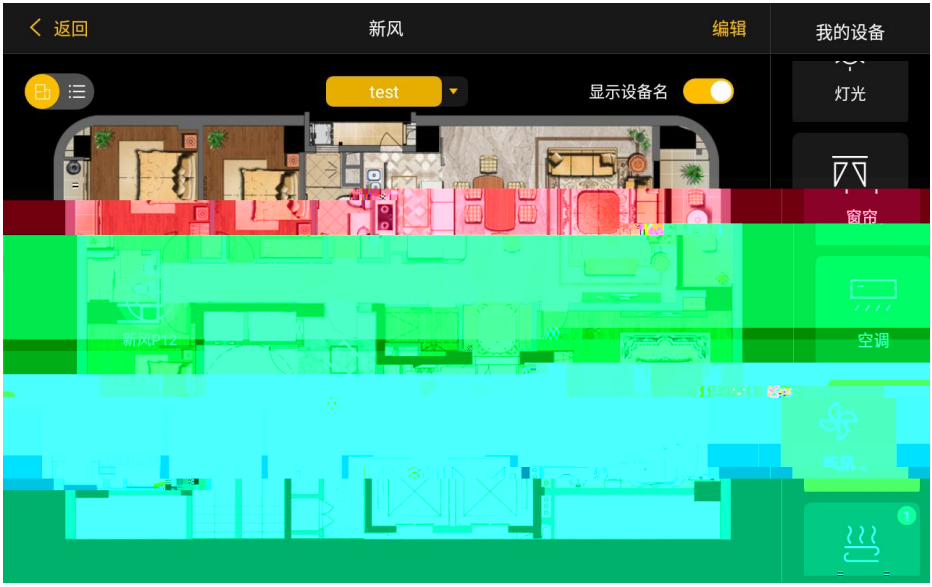
○
新风

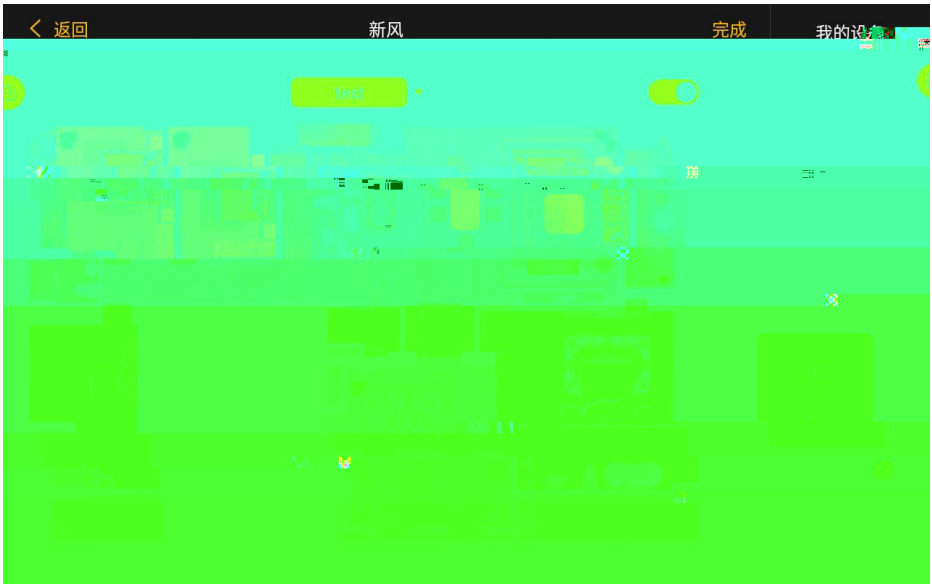

返回
新风
编辑
我的设备
test
显示设备名
灯光
窗帘
空调
新风

(1)

(2)

(3) 编辑

完成



(4)

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○ → AUTO 1 2 3

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100%

○

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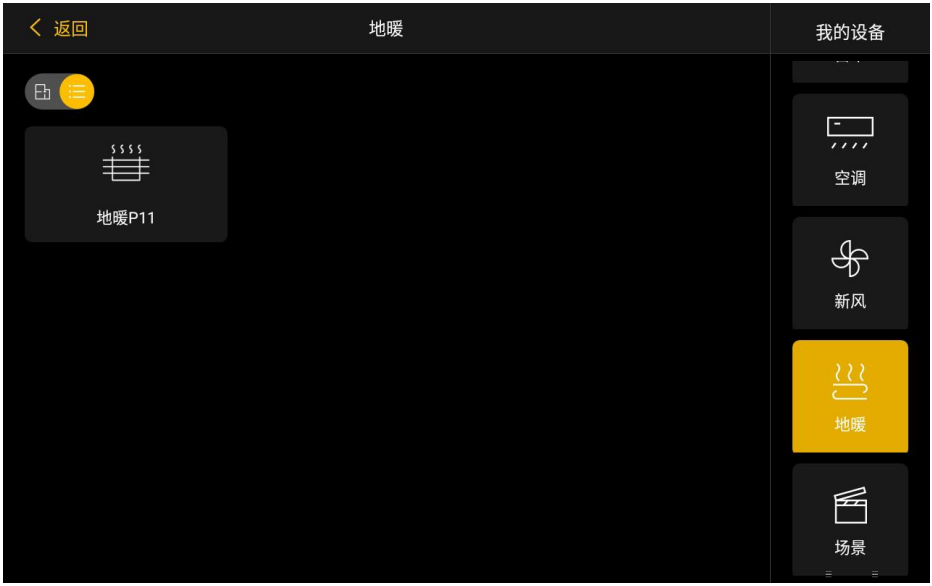
返回
地暖
编辑
我的设备
test
显示设备名
空调
新风
地暖P11
地暖



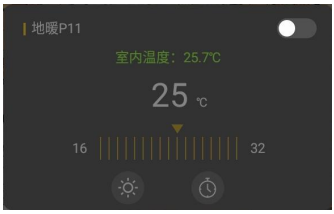
(1)

(2)

(3) 编辑

完成

(4)



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40

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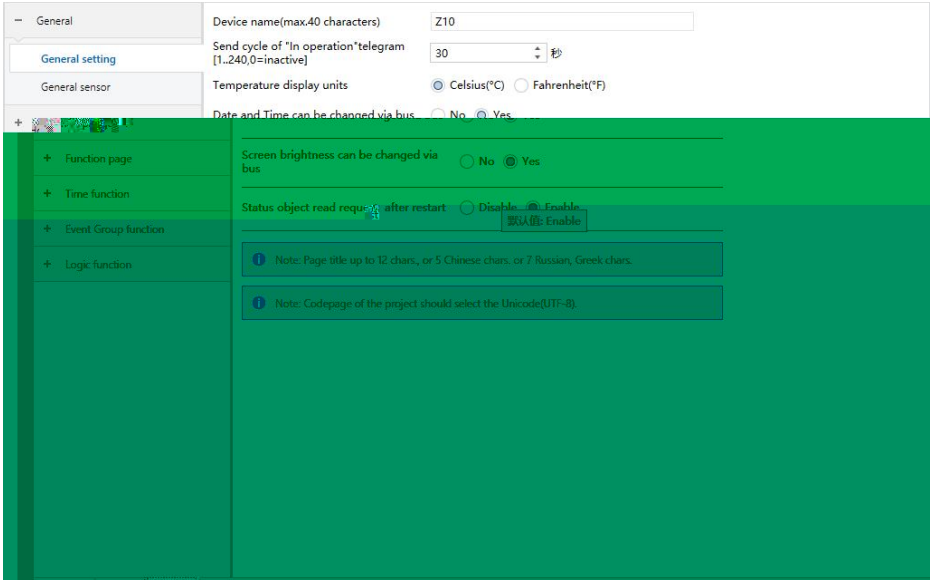


General

40bytes Z10

0 in operation 0 in operation

1

0 240s 0=

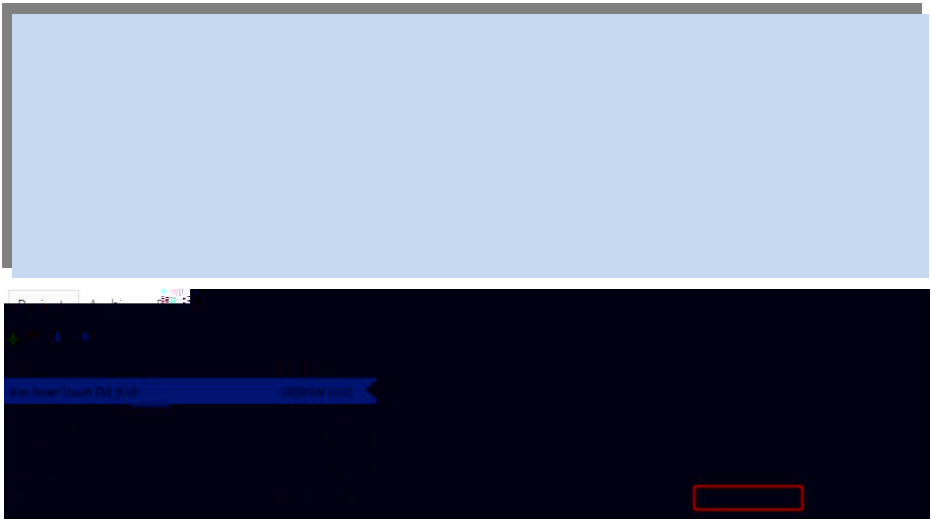
/

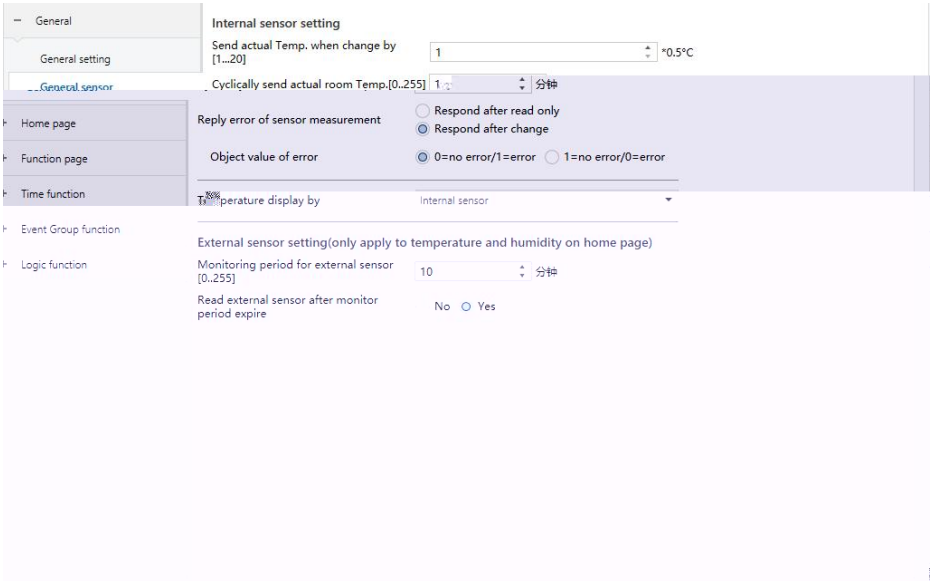
YES Date Time

Date Time

YES Screen backlight brightness

CO2 PM2.5




General
General setting
General sensor
Home page
Function page
Time function
Event Group function
Logic function
Internal sensor setting
Send actual Temp. when change by [1...20]
1
*0.5°C
Cyclically send actual room Temp.[0..255]
1
分钟
Reply error of sensor measurement
Respond after read only
Respond after change
Object value of error
0=no error/1=error
1=no error/0=error
Temperature display by
Internal sensor
External sensor setting(only apply to temperature and humidity on home page)
Monitoring period for external sensor [0..255]
10
分钟
Read external sensor after monitor period expire
No
Yes

1...20

0..255min

Respond after read only

Internal sensor - Temp. Error report

Respond after change Internal sensor - Temp. Error report

0=no error/1=error 0 1

1=no error/0=error

Internal sensor Actual temperature

External sensor External sensor

0

Reply error of sensor measurement

Respond after read only

Respond after change

Respond after read only

External sensor - Temp. error report

Respond after change External sensor - Temp. error report

-- Object value of error

0=no error/1=error

1=no error/0=error

0=no error/1=error 0

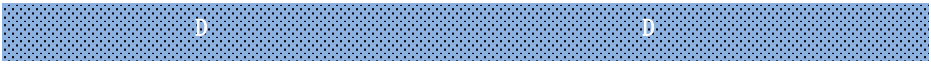
1

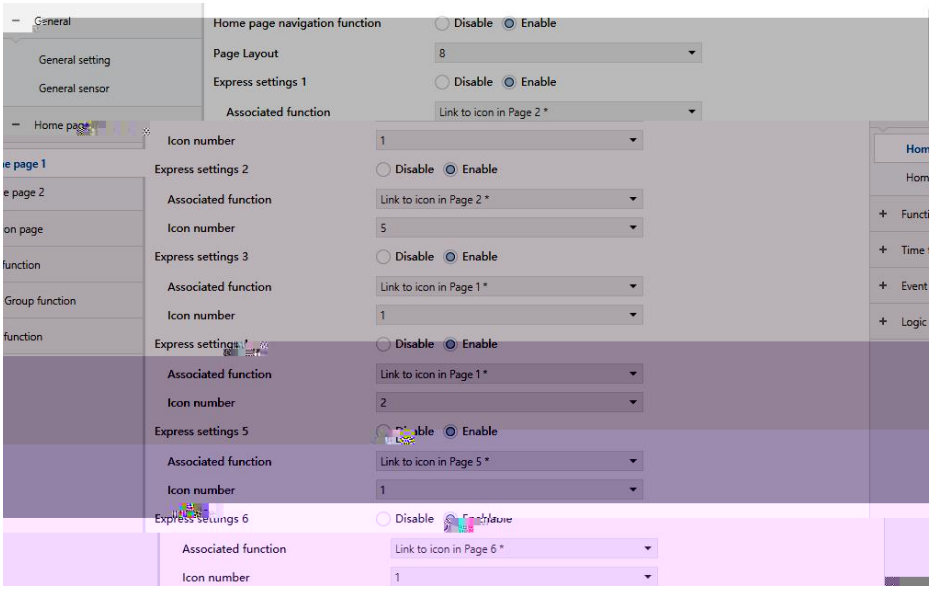
1=no error/0=error

0...255

0

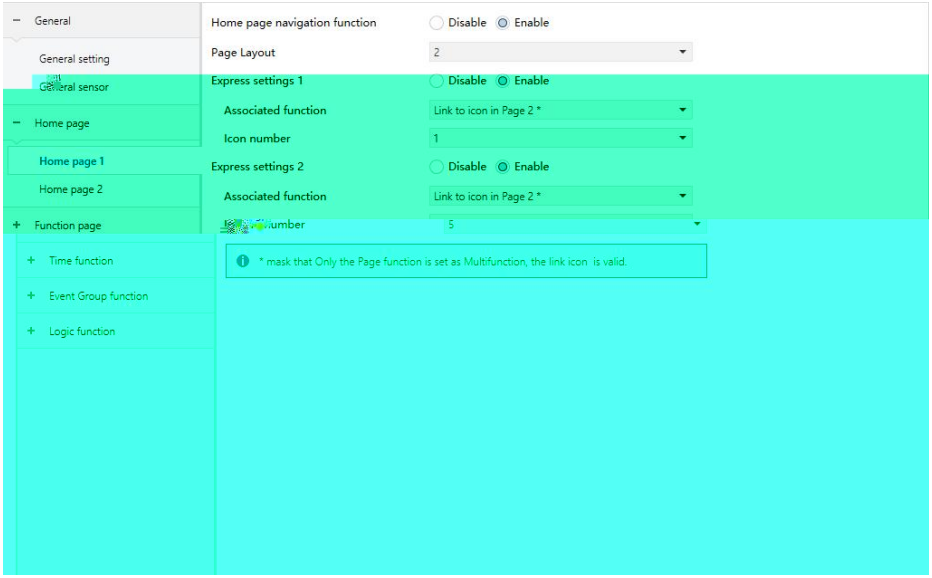
“When external sensor fault, Internal sensor display”





Home Page x 5.3.1

8



5.3.1 “Home Page x”

Enable

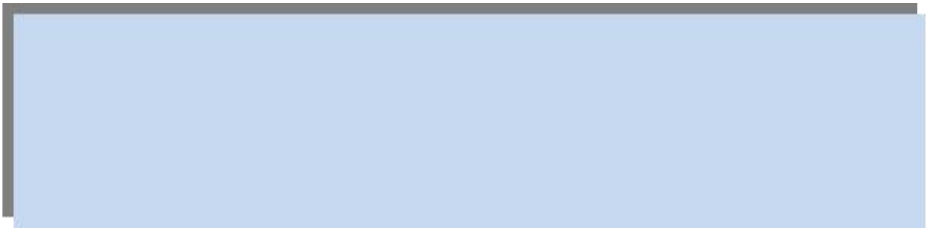
Enable

x

1/2/3/4/5/6/7/8

Associated function Link to icon in Page 2 * 5

2 5



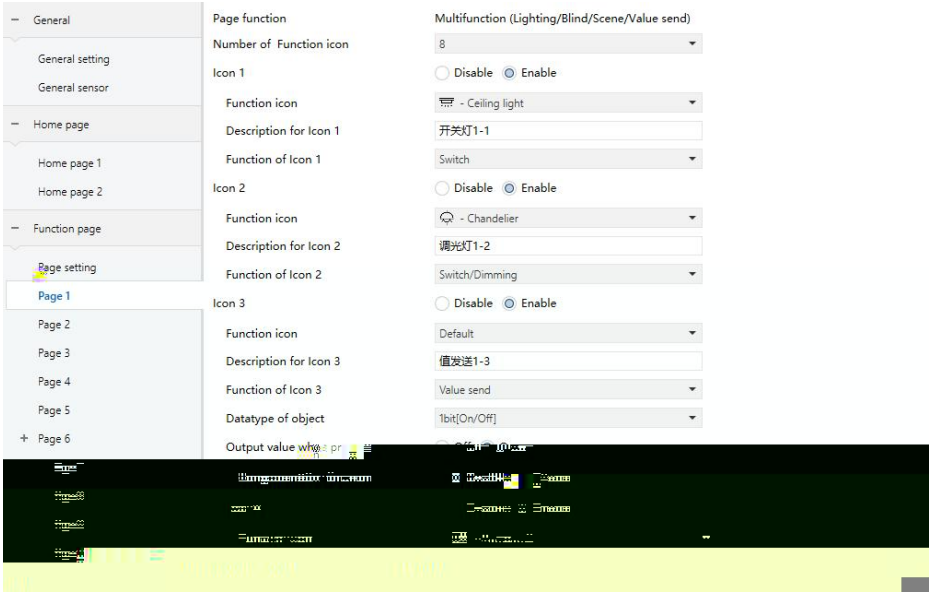
“Function Page”

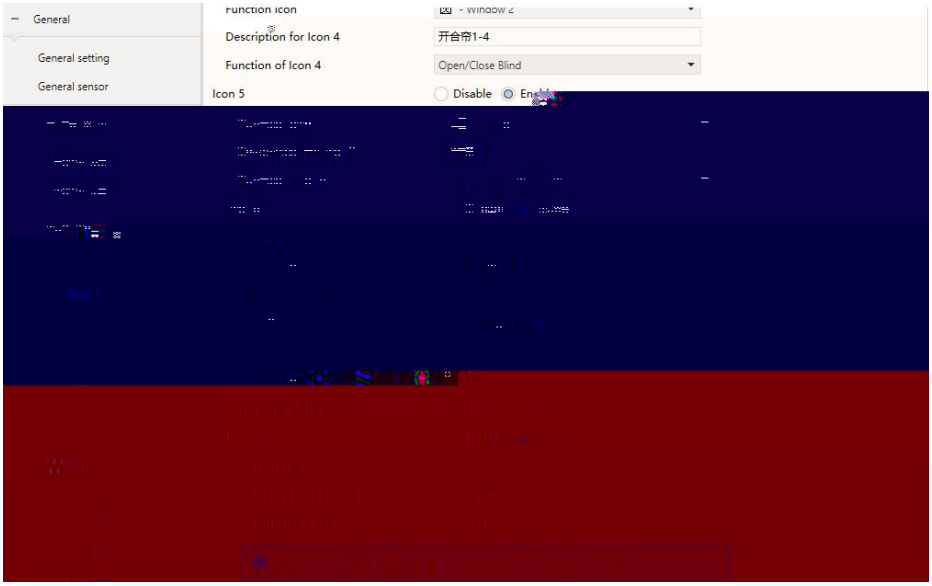
5.4.1 “Function page setting”

x

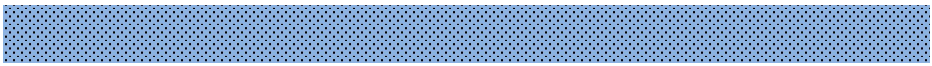
Enable Page x 5.4.2 x

15



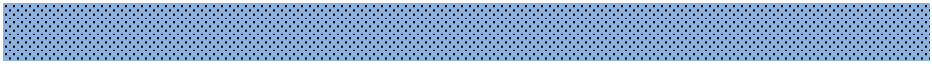


5.4.2 “Page x -- Multifunction (Lighting/Blind/Scene/Value send)”

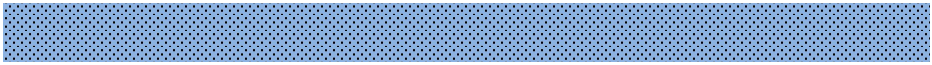


x

“Enable”

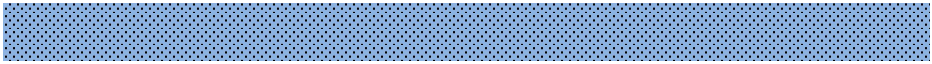


Default



x 12

9 4

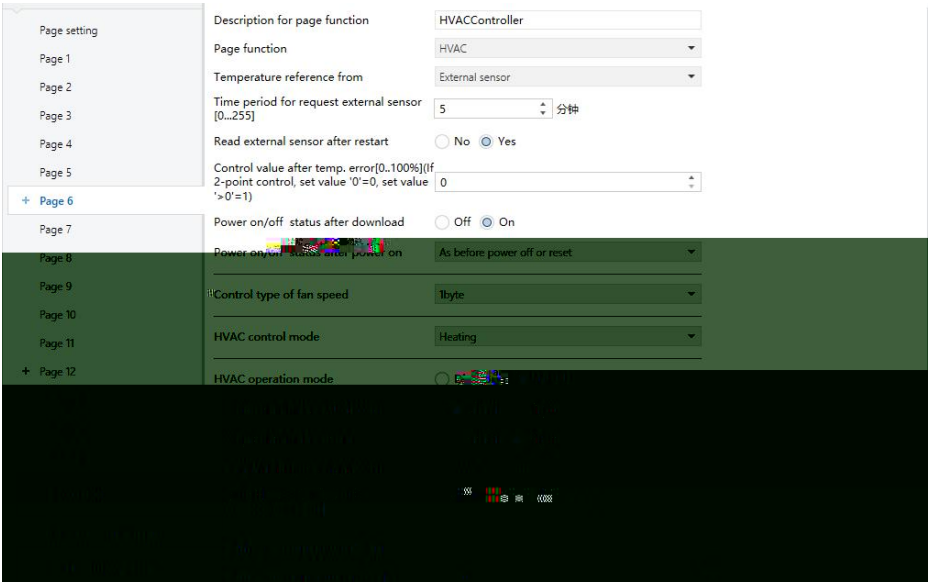


x

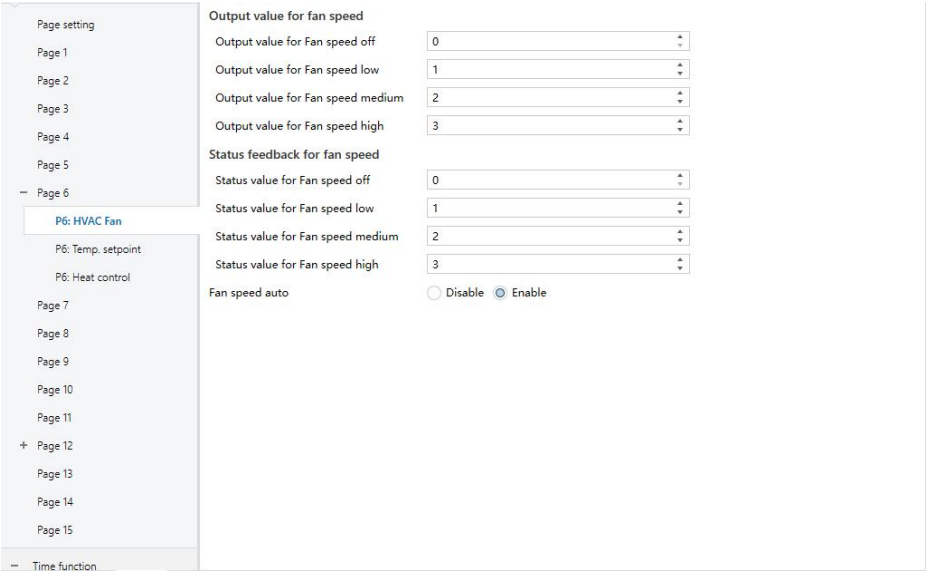
“Enable”

1..64 0..63

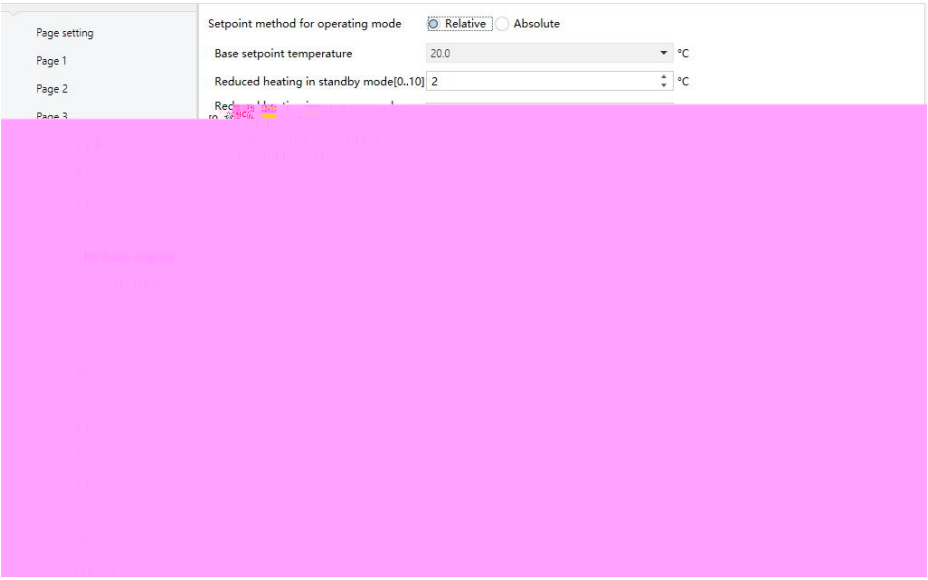
“Page x-- HVAC” 5.4.3 HVAC



5.4.3 (1) “Page x -- HVAC General”

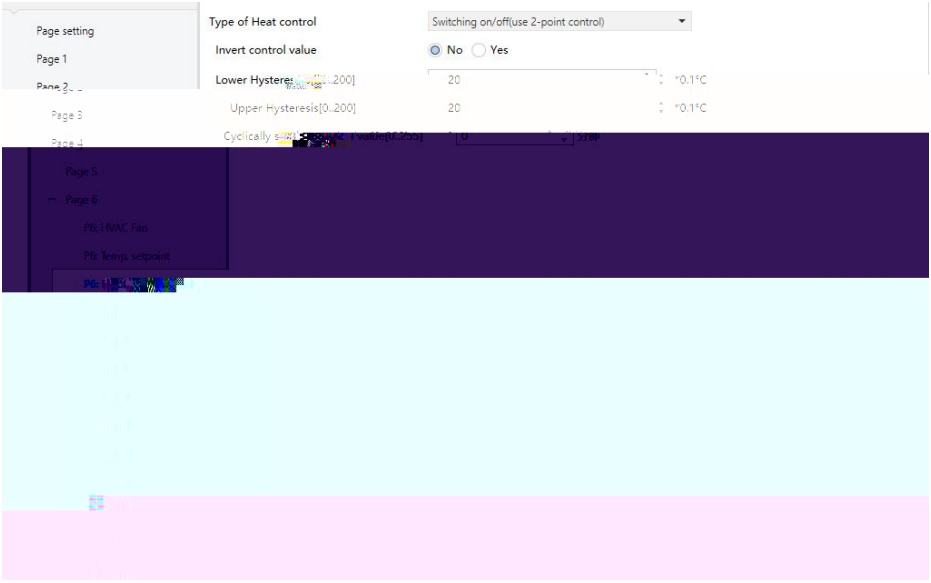


5.4.3 (2) “P x: HVAC Fan_1byte”

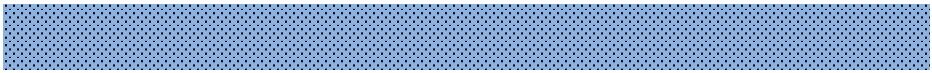


5.4.3 (3) “P x : Temp. Setpoint_Relative”

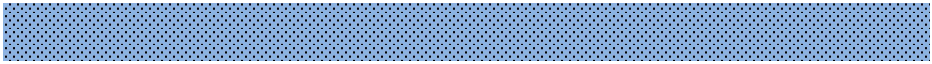
5.4.3 (4) “P x : Temp. Setpoint_Absolute”



5.4.3 (5) “P x: Heat&Cool control”



15 5



HVAC

“General sensor”

HVAC

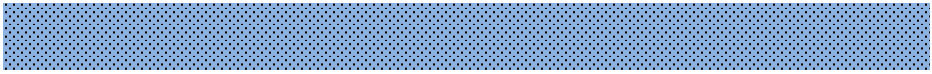
40% Internal to 60% External 40%

60% = 40% +

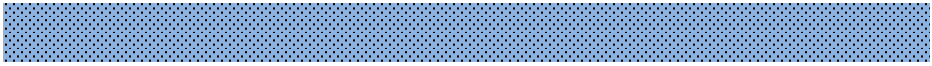
60% HVAC

0 0

0 1



HVAC



HVAC

On HVAC

Off

As before power off or reset

HVAC

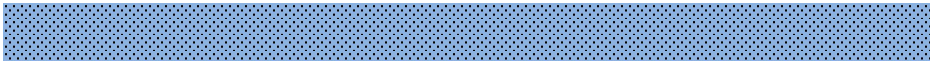
Disable

1bit 1bit

1byte 1byte 5.4.3 2

1bit 1byte

Enable



HVAC

Heating and Cooling

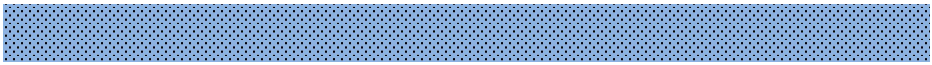
/

As before power off or reset

HVAC

2 pipes system:

4 pipes system:



HVAC

Enable

1bit 4 1bit HVAC Output--Comfort mode

HVAC Output--Economy mode HVAC Output--standby mode

HVAC Output--Frost/Heat protection mode

“1” “0”

1byte “HVAC Output --HVAC mode” “1”

“2” “3” “4”

1bit 4 1bit ON Off

HVAC Input--Comfort mode HVAC Input--Economy mode HVAC Input--Frost/Heat protection mode HVAC Input--standby mode

0

1byte 1 2 3 4

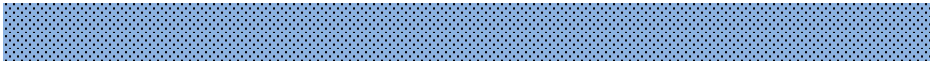
HVAC

1byte

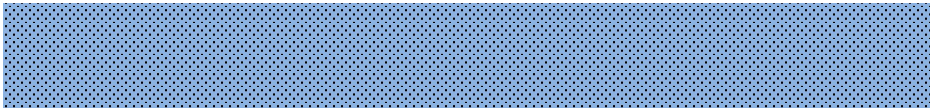
HVAC

Relative

Absolute



Setpoint adjustment



Heating

Cooling

/ 5.3.3 5

Yes

HVAC

1 2 22 T 24

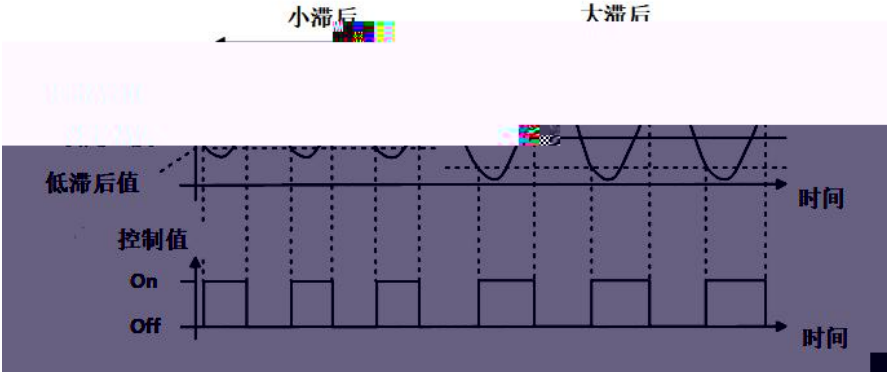
T 21 T 21~24

1 2 26 T 25

T 28 T 28~25

1.

2.

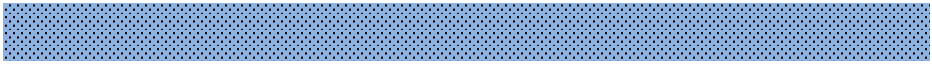


5.4.3 6 ( )

PI

Heating /Cooling speed User defined PI

PI



Switching PWM use PI control

10min, 80% 8min 2min

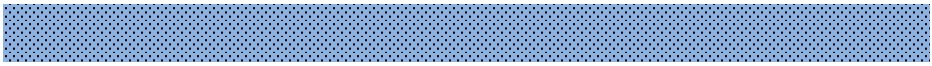
/

Switching PWM (use PI control) Continuous control (use PI control)

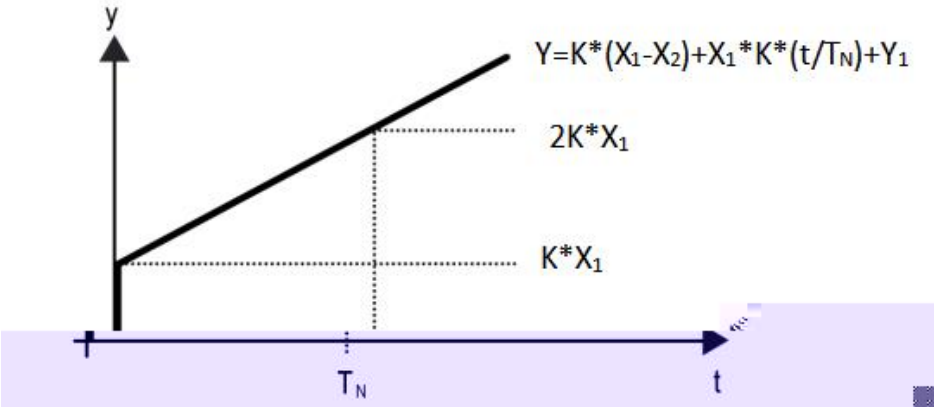
PI Continuous control

PI 1byte Switching PWM PI

on/off



Continuous control (use PI control)



5.3.3 7 PI

Y

Y1

X1 =

X2 =

T_N

K

PI Y=K*(X1-X2 +X1*K*t/T_N+Y1

PI Y=K X1-X2 +Y2

K:	

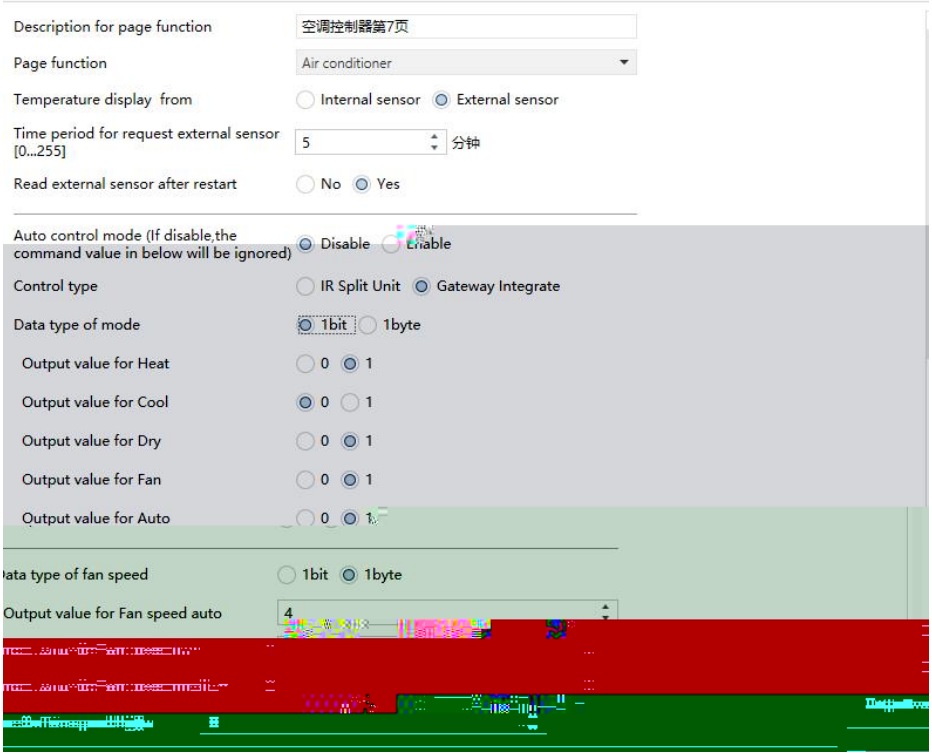
K:	
T_N:	
T_N:	

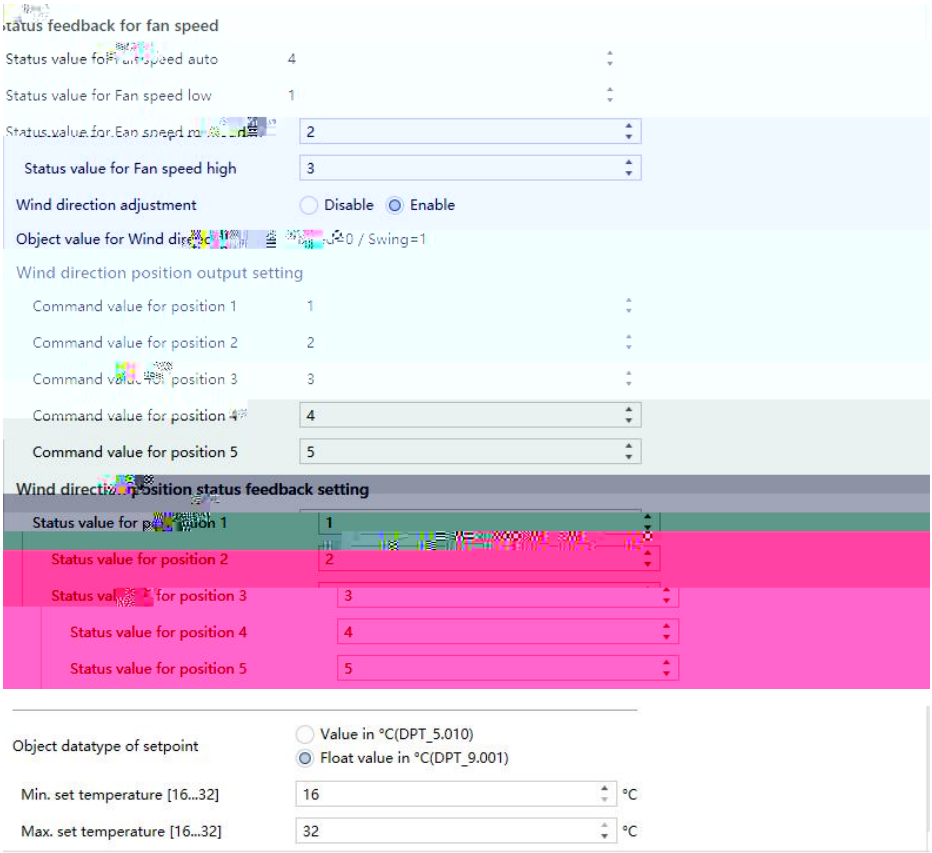
“Page x-- Air conditioner” 5.4.4

IR Split Unit Gateway Integrate

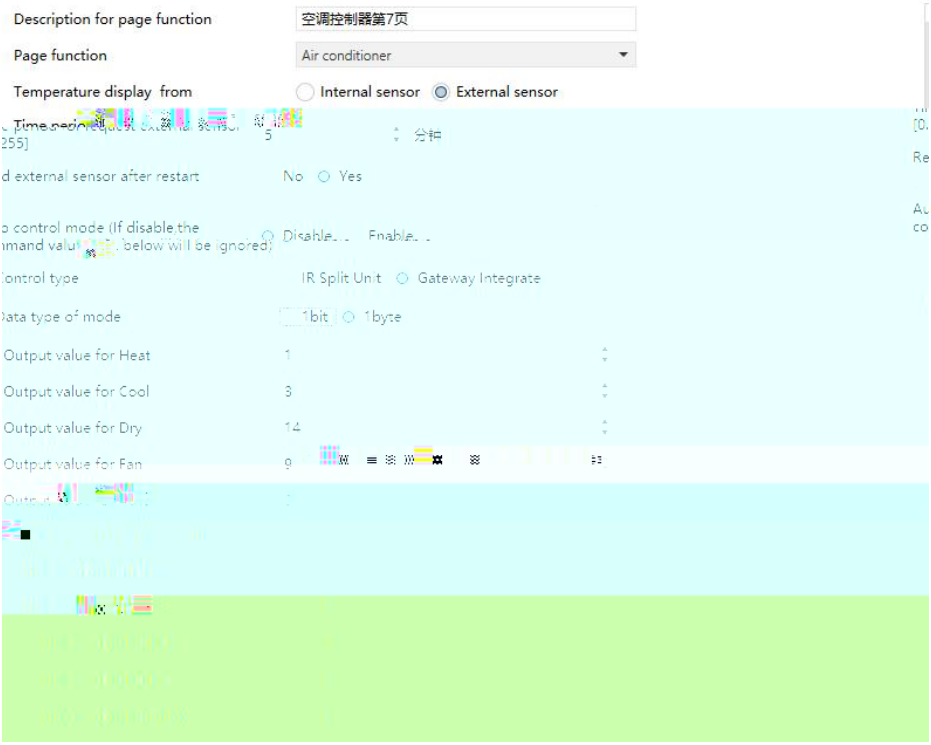
1bit 1byte

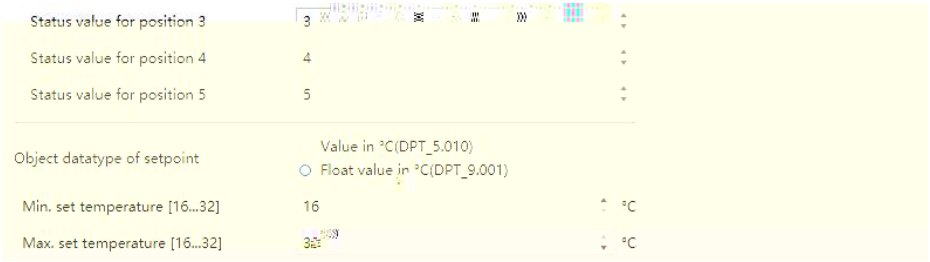
IR 1byte

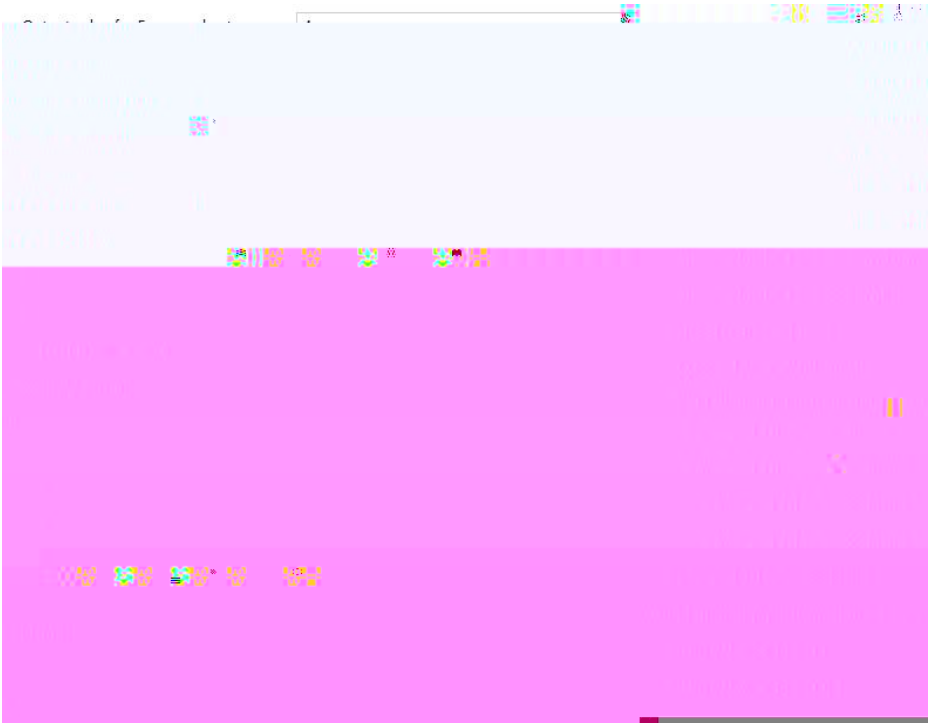




5.4.4 (1) “Page x -- Air conditioner” (Gateway Integrate _ 1bit)


Description for page function
空调控制器第7页
Page function
Air conditioner
Temperature display from
Internal sensor
External sensor
分钟
d external sensor after restart
No
Yes
control mode (If disable the
below will be ignored)
Disable
Enable
ontrol type
IR Split Unit
Gateway Integrate
ata type of mode
1bit
1byte
Output value for Heat
1
Output value for Cool
3
Output value for Dry
14
Output value for Fan
9

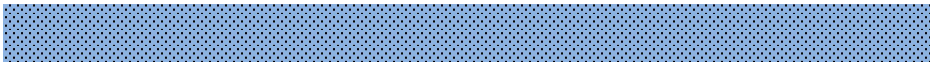

Status value for position 3
3
Status value for position 4
4
Status value for position 5
5
Object datatype of setpoint
Value in °C(DPT_5.010)
Float value in °C(DPT_9.001)
Min. set temperature [16...32]
16
°C
Max. set temperature [16...32]
°C

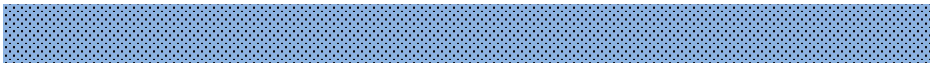


5.4.4 (2) “Page x -- Air conditioner” (Gateway Integrate _1byte)

Disable:

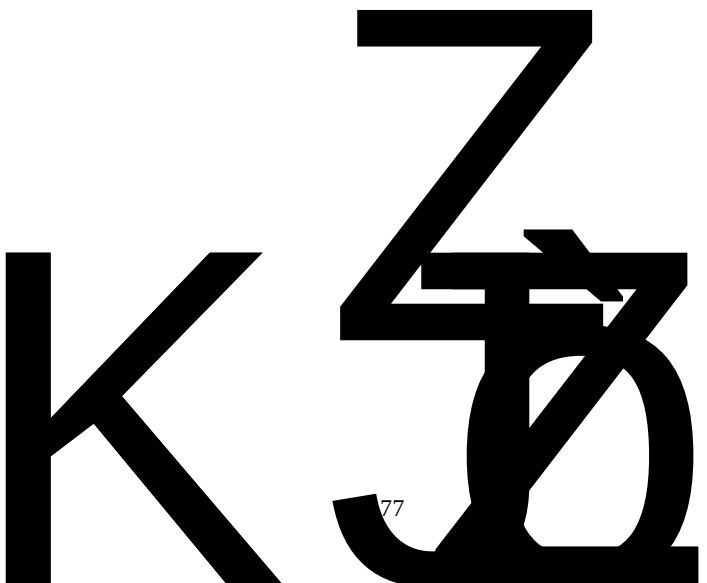
Enable:



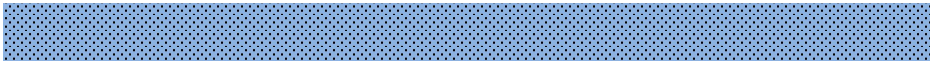


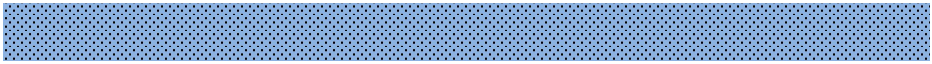
“1byte” “1bit”

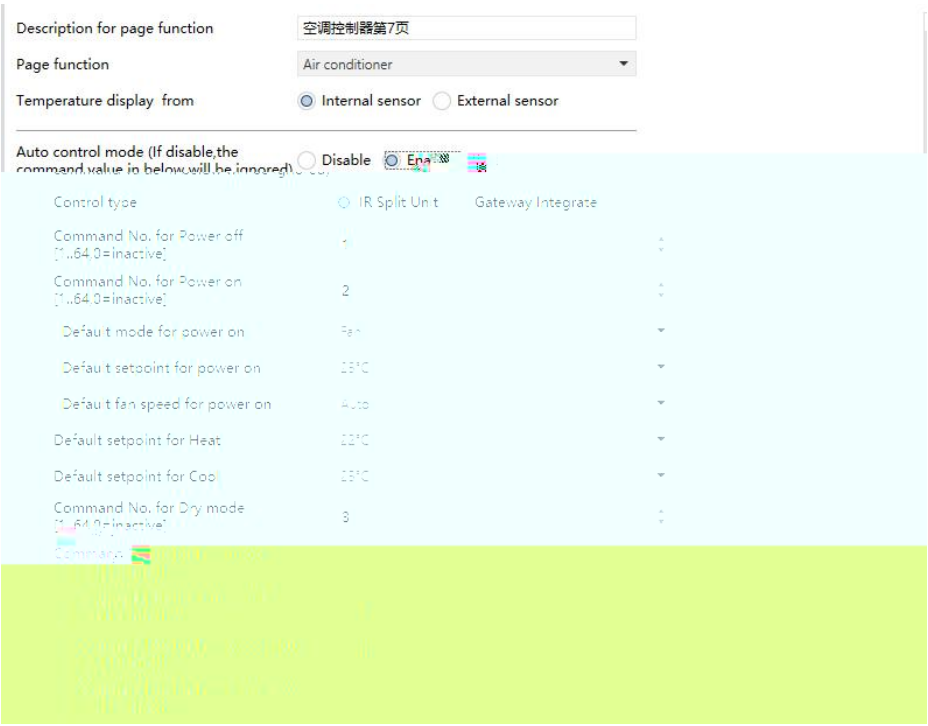
“1byte”

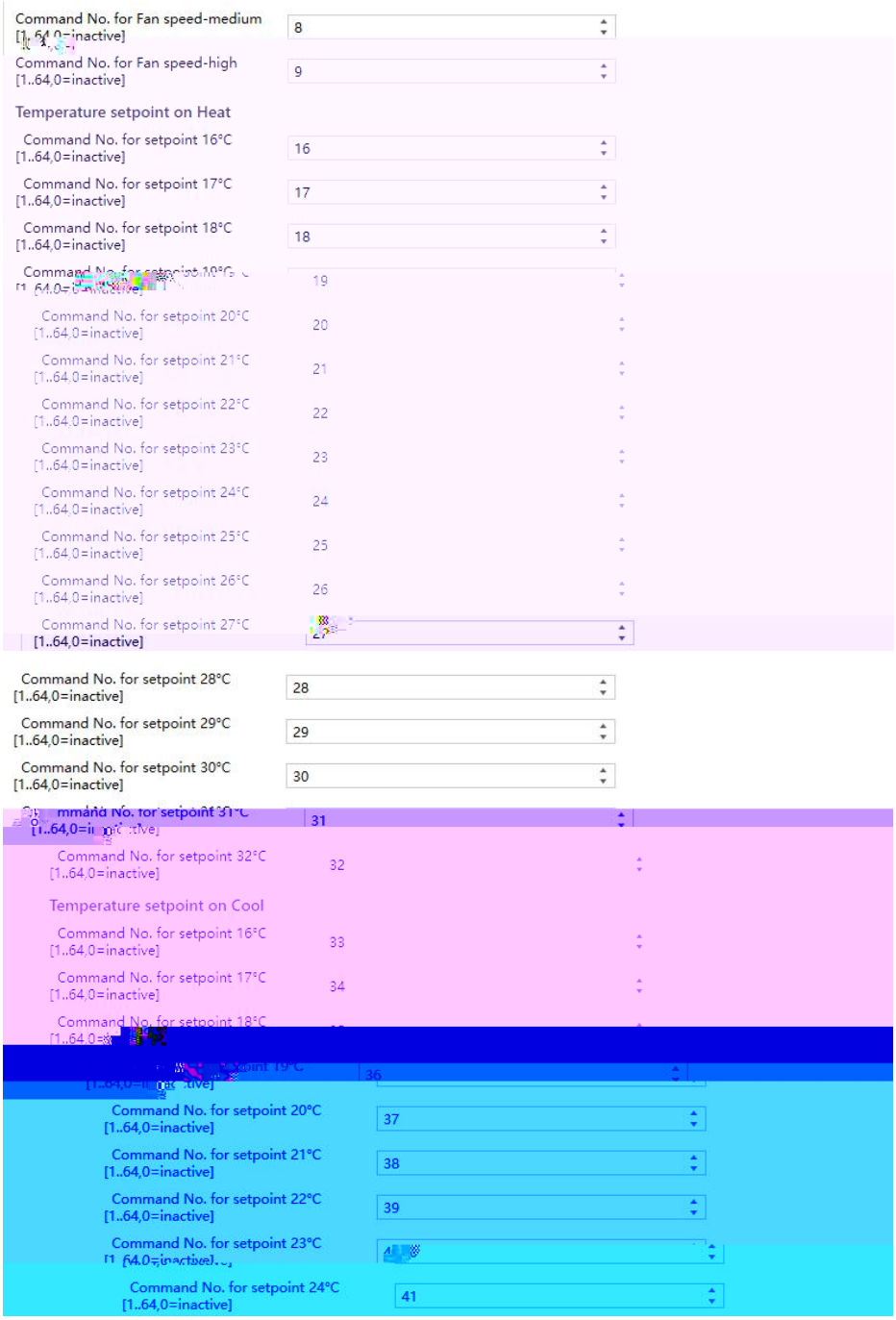


5

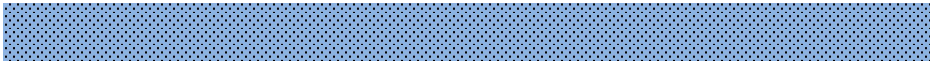





Description for page function
空调控制器第7页
Page function
Air conditioner
Temperature display from
Internal sensor
External sensor
Auto control mode (If disable,the
Disable
Control type
IR Split Unit
Gateway Integrate
Command No. for Power off
[1..64,0=Inactive]
1
Command No. for Power on
[1..64,0=Inactive]
2
Default mode for power on
Fan
Default setpoint for power on
Default fan speed for power on
Auto
Default setpoint for Heat
Default setpoint for Cool
Command No. for Dry mode
3


Command No. for Fan speed-medium [1..64,0=inactive]
8
Command No. for Fan speed-high [1..64,0=inactive]
9
Temperature setpoint on Heat
Command No. for setpoint 16°C [1..64,0=inactive]
16
Command No. for setpoint 17°C [1..64,0=inactive]
17
Command No. for setpoint 18°C [1..64,0=inactive]
18
19
Command No. for setpoint 20°C [1..64,0=inactive]
20
Command No. for setpoint 21°C [1..64,0=inactive]
21
Command No. for setpoint 22°C [1..64,0=inactive]
22
Command No. for setpoint 23°C [1..64,0=inactive]
23
Command No. for setpoint 24°C [1..64,0=inactive]
24
Command No. for setpoint 25°C [1..64,0=inactive]
25
Command No. for setpoint 26°C [1..64,0=inactive]
26
Command No. for setpoint 27°C [1..64,0=inactive]
Command No. for setpoint 28°C [1..64,0=inactive]
28
Command No. for setpoint 29°C [1..64,0=inactive]
29
Command No. for setpoint 30°C [1..64,0=inactive]
30
31
Command No. for setpoint 32°C [1..64,0=inactive]
32
Temperature setpoint on Cool
Command No. for setpoint 16°C [1..64,0=inactive]
33
Command No. for setpoint 17°C [1..64,0=inactive]
34
Command No. for setpoint 18°C
Command No. for setpoint 20°C [1..64,0=inactive]
37
Command No. for setpoint 21°C [1..64,0=inactive]
38
Command No. for setpoint 22°C [1..64,0=inactive]
39
Command No. for setpoint 23°C
Command No. for setpoint 24°C [1..64,0=inactive]
41

5.4.4 (3) “Air conditioner” IR Split Unit



“IR Split unit command,Out”

/

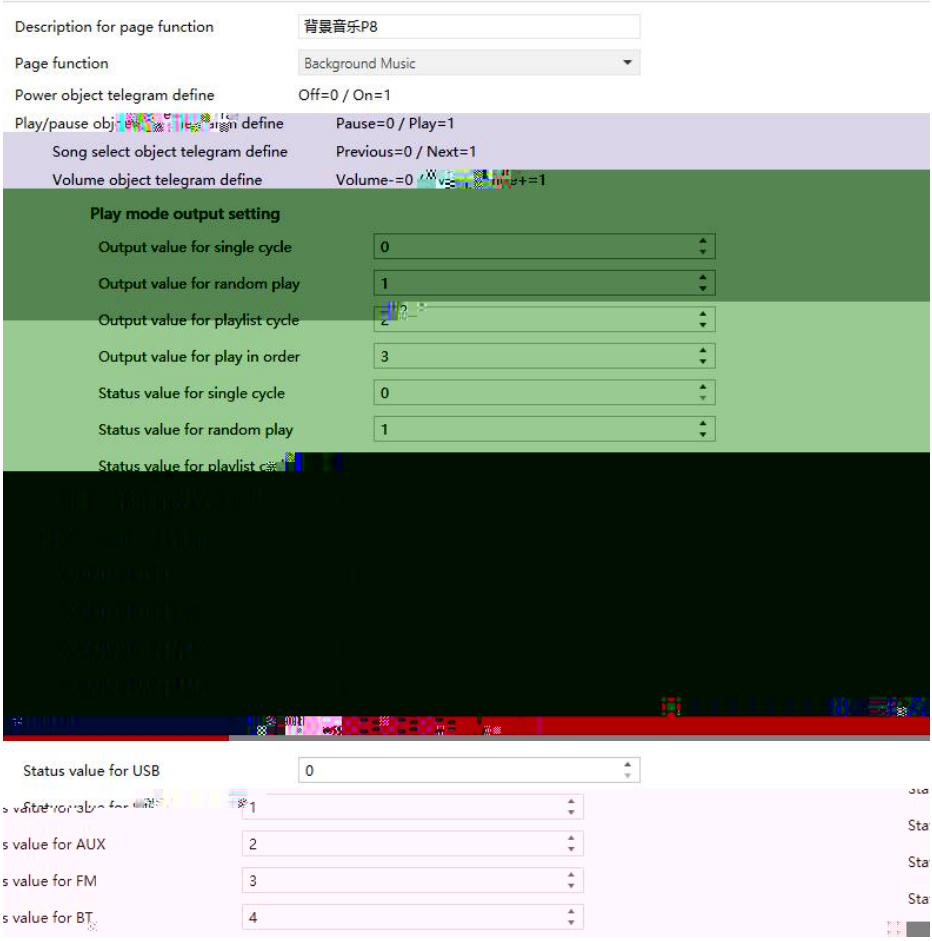
/

/

“Background Music” 5.4.5

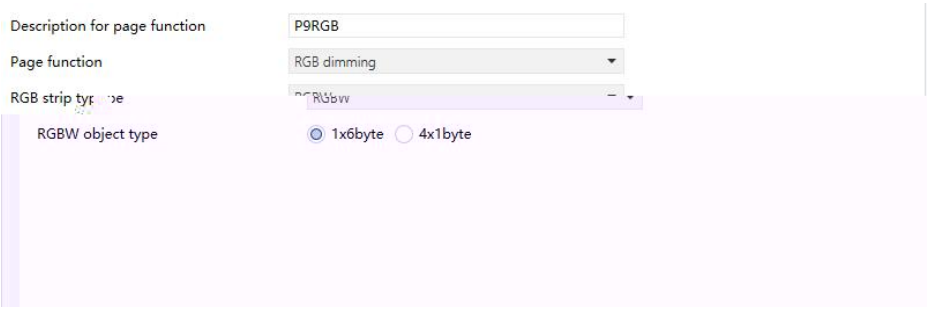
/ /

/



5.4.5 “Page x -- Background Music”

F Ä



5.4.6 “Page x -- RGB dimming”

RGB

RGB RGB

RGBW RGBW

RGBW+Color Temperature RGBW

Brightness+Color Temperature

RGB RGBW

RGB

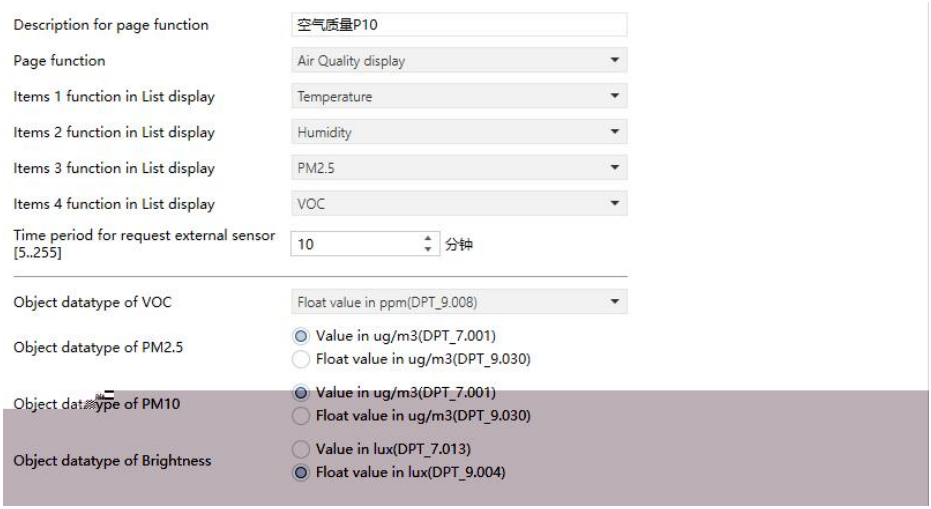
RGBW

RGBW+Color Temperature

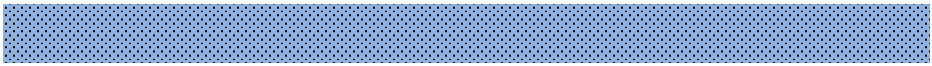
“Page x--Air Quality display” 5.4.7

AQI PM2.5 PM10 VOC CO_2

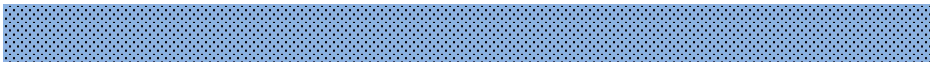
4



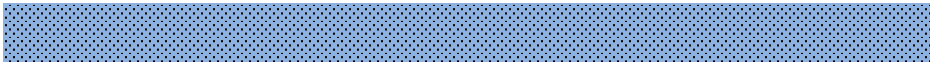
4



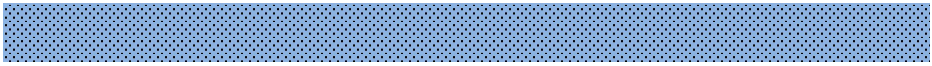
VOC



PM2.5

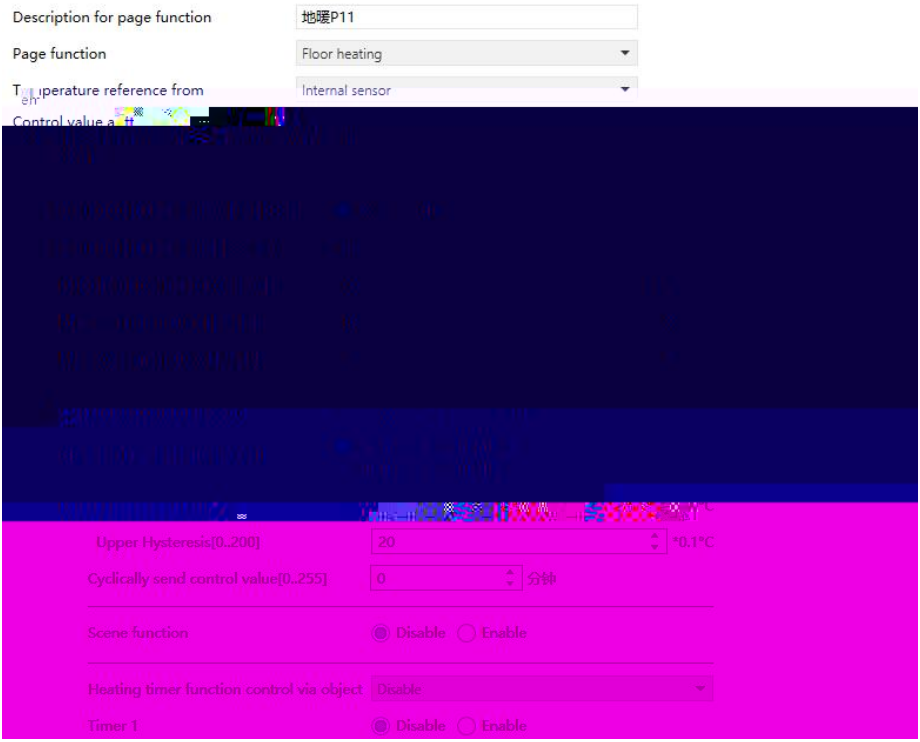


PM10



Brightness

“Page x--Floor heating” 5.4.8



5.4.8 “Page x -- Floor heating”

On

Off

As before power off or reset

/

“ ”

“ ”

1 2 16 T 18

T 15 T 15~18

PWM

”

Yes

“ ”

Heating PWM (use PI control)

10min, 80% 8min 2min

/

“ ”

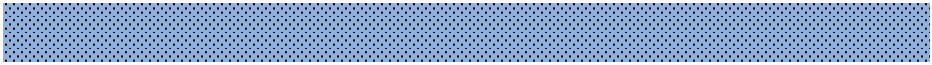
PI

“ ”

“ ”

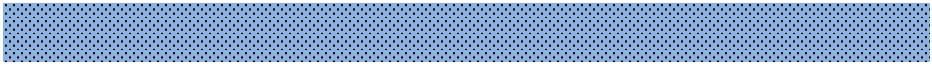
Heating spee PI PI

5



x

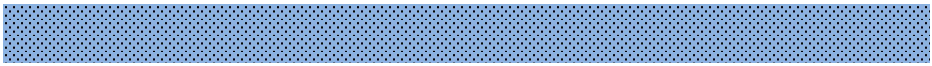
On x



8

/

/



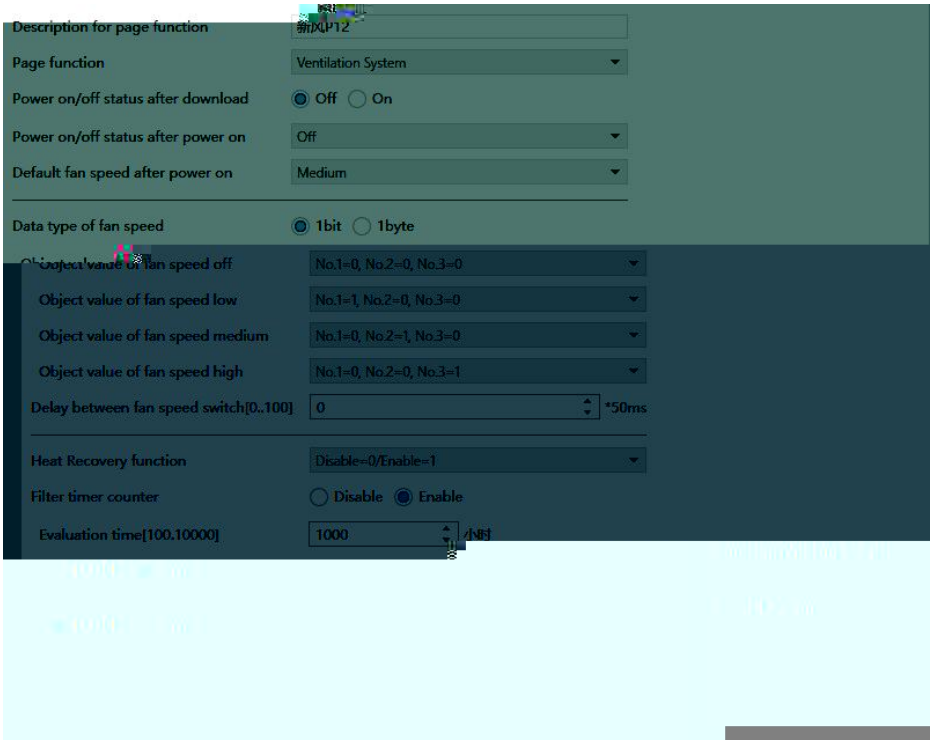
x

x

On x

x x

“Page x--Ventilation System” 5.4.9

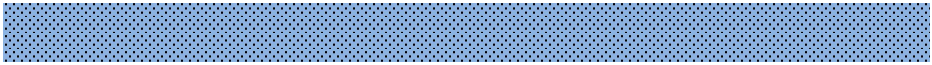


5.4.9 (1) “Page x -- Ventilation system”

On

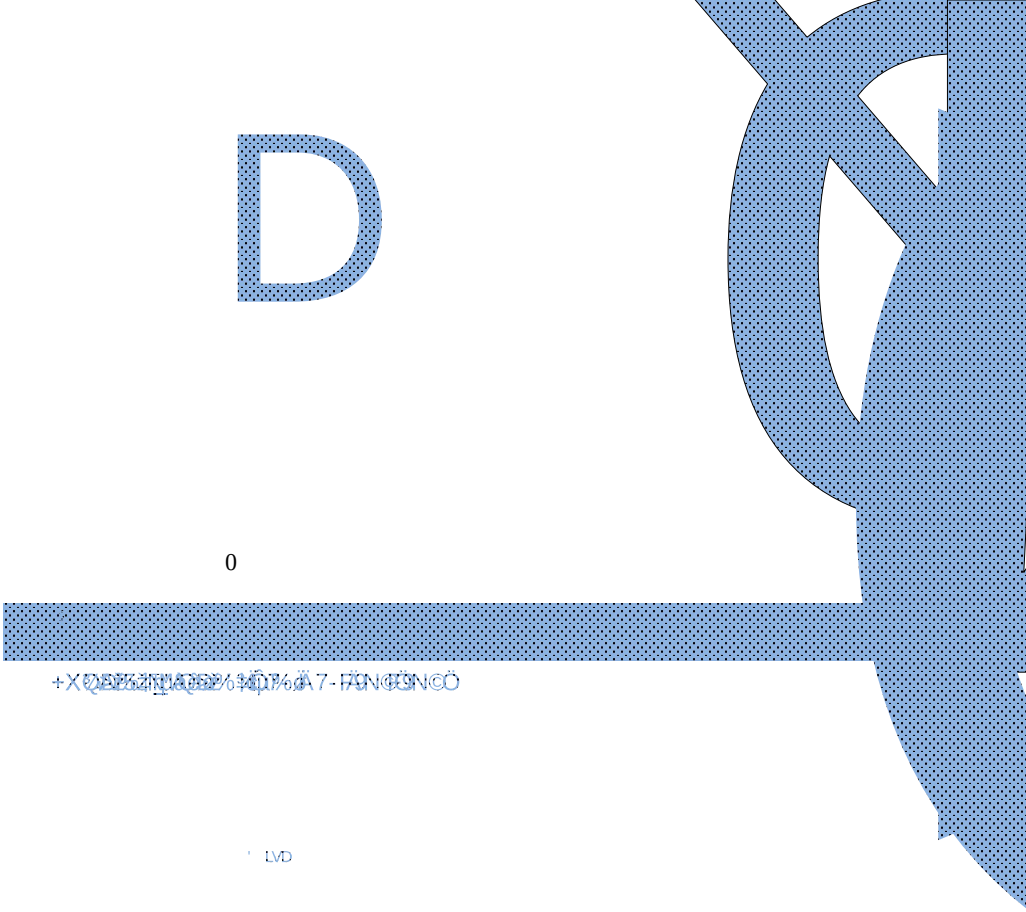
Off

As before power off or reset



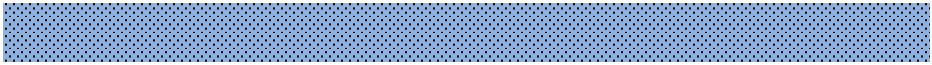
“1byte”

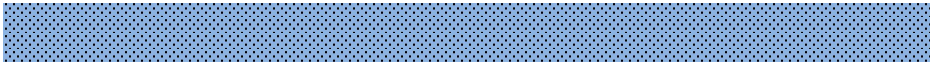
“1bit” 1bit



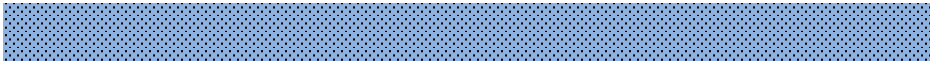
“Filter timer reset, In”

“Filter timer counter, In/Out”





5

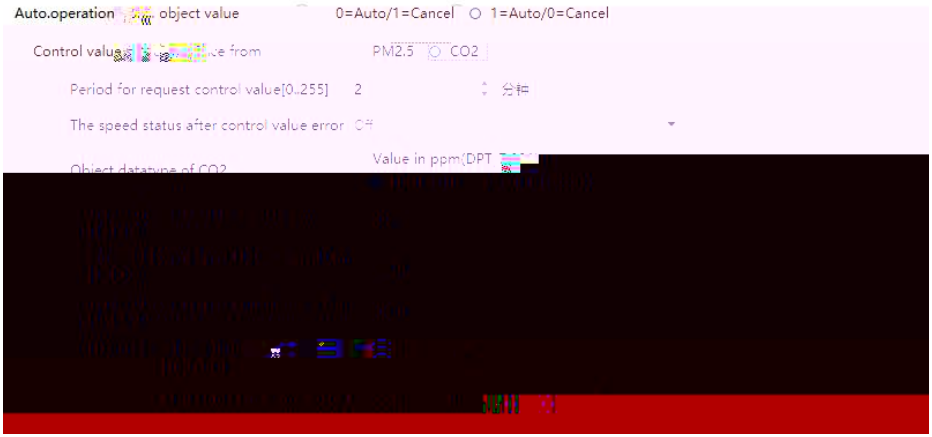


x

x

:

5.4.9 (2) “Px: Auto. Control_PM2.5”



5.4.9 (3) “Px: Auto. Control_CO2”

0=Auto/1=Cancel “Automatic function, In/Out” “0”
“1” ;

1=Auto/0=Cancel “Automatic function, In/Out” “1”
“0”

PM2.5 PM2.5

DPT_7.001

DPT_9.030

CO2 CO2

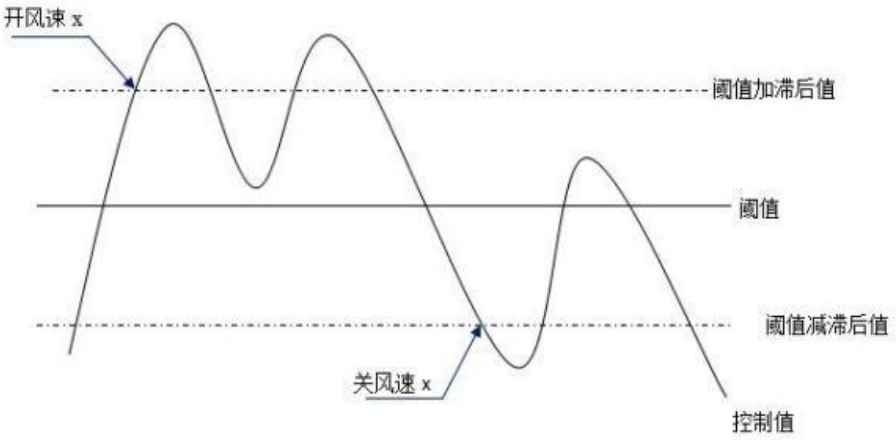
DPT_7.001

DPT_9.008

PM2.5 10 35 45 +

25 - 25~45

25 45



0

“Energy Metering display” 5.4.10

8

5.4.10 “Energy Metering display”

8

18 6

“Time function setting”

“Time function setting” 5.4.1 16

5.5.1 “Time function setting”

x

“Time function x (x=1..16)” 5.4.2

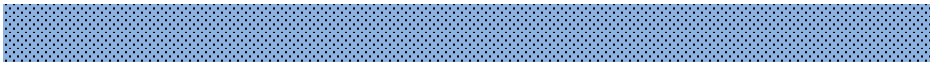
,

5.5.2 “Time function x”

x 12 6

x

x



/

x

x

“Event Group function”

“Event Group function” 5.6.1 8

8 5.6.2

5.6.1 “Event Group function”

5.6.2 “Gx: Output y Function”

x

8

8 8

x y

x y 8

y

“ ”

:

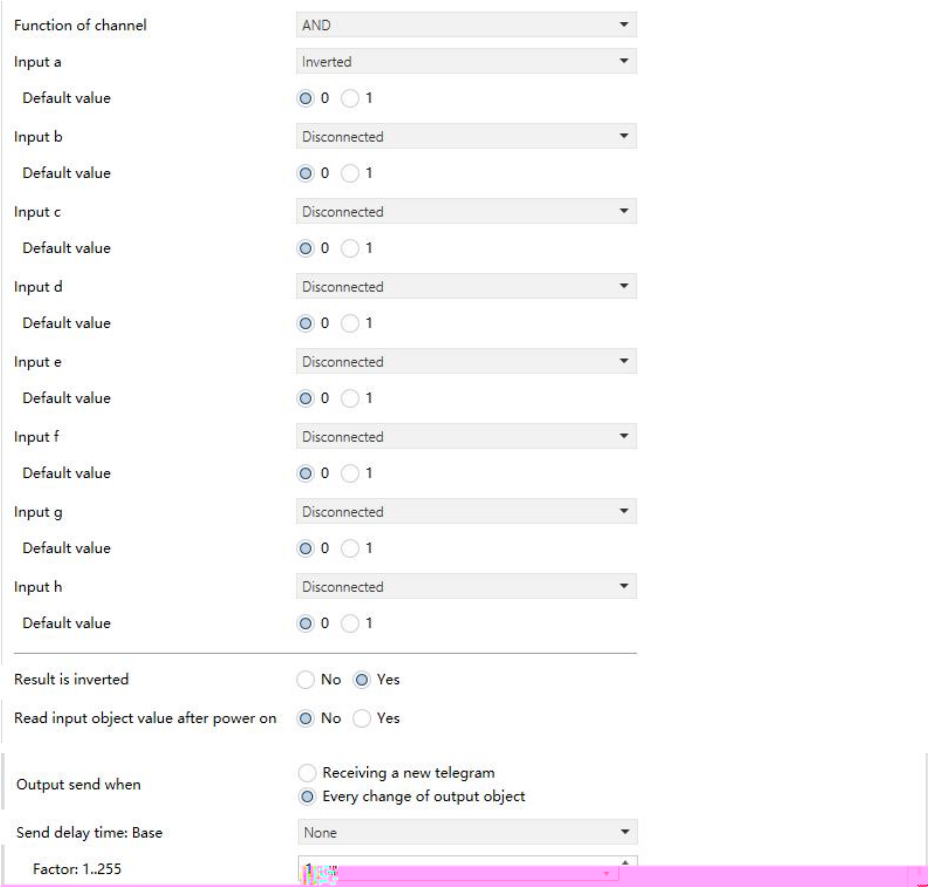
“Logic function setting”

“Logic function setting” 5.7.1 8

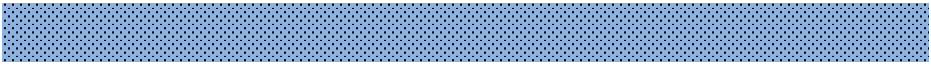
5.7.1(1) “Logic function setting”

5.6.2

AND/OR/XOR



5.7.1(2) “Logic function_AND/OR/XOR”



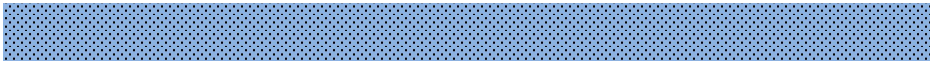
input x

Disconnected

Normal

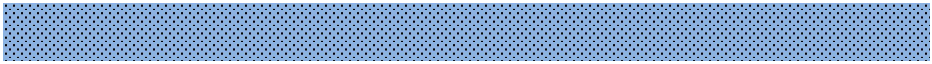
Inverted

input x



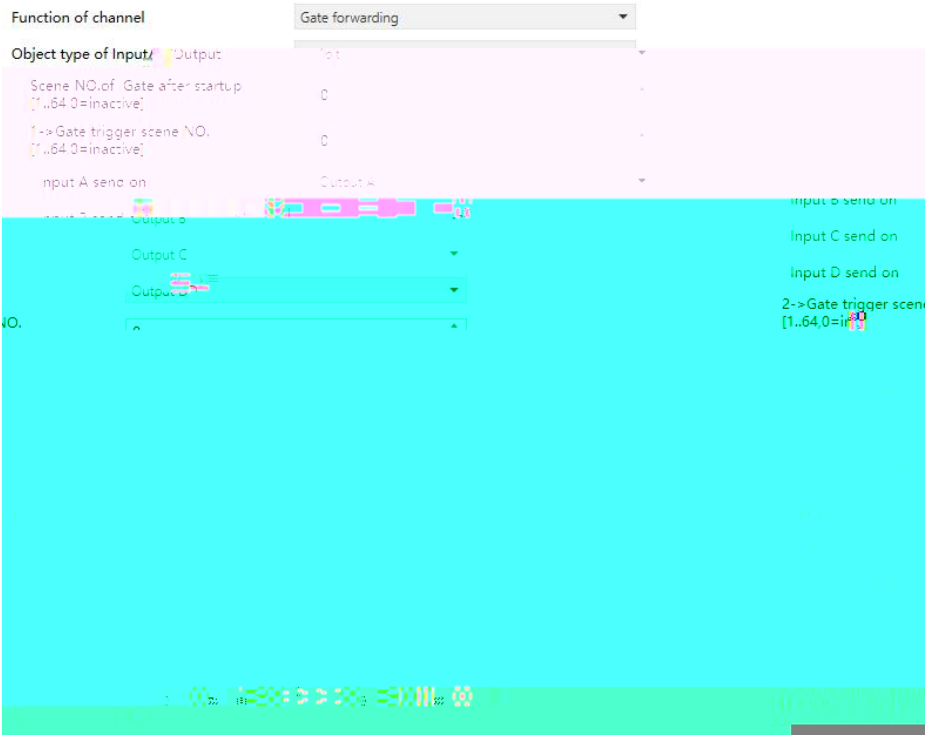
Receiving a new telegram

Every change of output object



Base x Factor Base

“None”

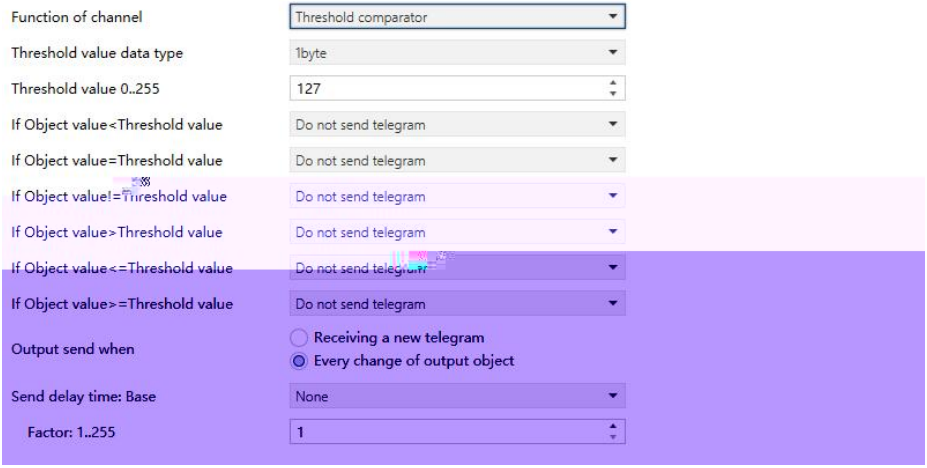


5.7.2 “Logic function_Gate forwarding”

/

8

X (X=A/B/C/D)



5.7.3 “Logic function_Threshold comparator”

Do not send telegram:

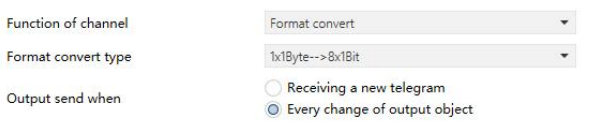
Send value “0”/“1” 0 1

Receiving a new telegram

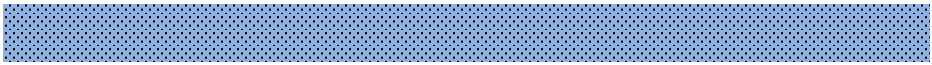
Every change of output object

Base x Factor Base

“None”

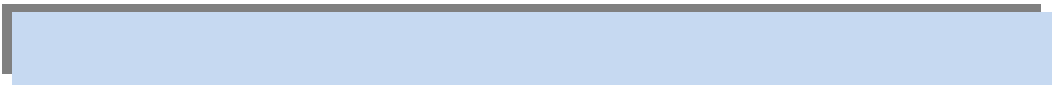


5.7.4“Logic function _Format convert”

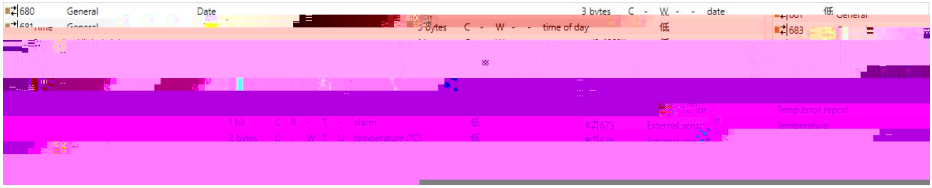


Receiving a new telegram

Every change of output object



“General”

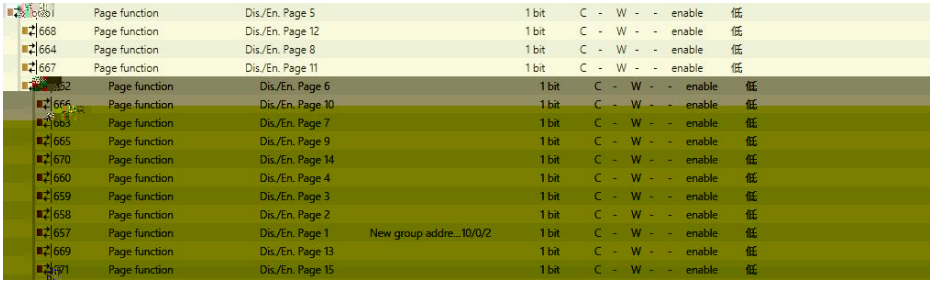


6.1 “General”

					DPT
0 —— 1 ——					
“1”					
/ / 0 —— 1 ——					
10~100% 10% 10% “Screen brightness can be changed via bus” “Yes”					

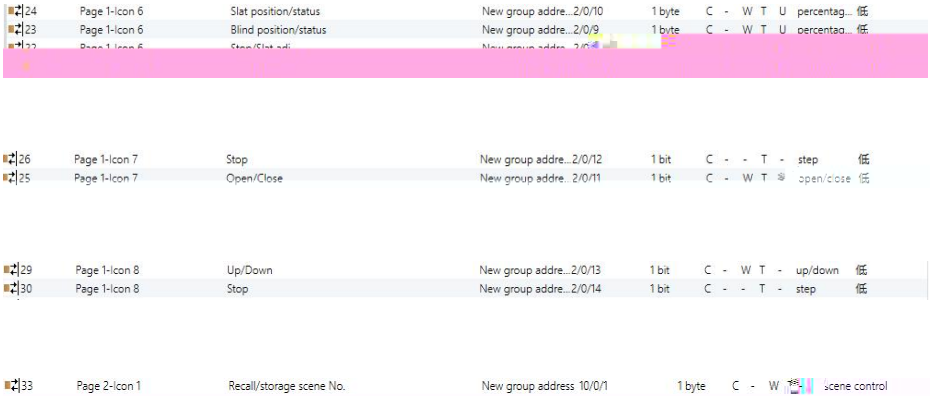
6.1 “General ”

“General sensor”



661	Page function	Dis./En. Page 5		1 bit	C	-	W	-	-	enable	低
668	Page function	Dis./En. Page 12		1 bit	C	-	W	-	-	enable	低
664	Page function	Dis./En. Page 8		1 bit	C	-	W	-	-	enable	低
667	Page function	Dis./En. Page 11		1 bit	C	-	W	-	-	enable	低
662	Page function	Dis./En. Page 6		1 bit	C	-	W	-	-	enable	低
666	Page function	Dis./En. Page 10		1 bit	C	-	W	-	-	enable	低
663	Page function	Dis./En. Page 7		1 bit	C	-	W	-	-	enable	低
665	Page function	Dis./En. Page 9		1 bit	C	-	W	-	-	enable	低
670	Page function	Dis./En. Page 14		1 bit	C	-	W	-	-	enable	低
660	Page function	Dis./En. Page 4		1 bit	C	-	W	-	-	enable	低
659	Page function	Dis./En. Page 3		1 bit	C	-	W	-	-	enable	低
658	Page function	Dis./En. Page 2		1 bit	C	-	W	-	-	enable	低
657	Page function	Dis./En. Page 1	New group addre...10/0/2	1 bit	C	-	W	-	-	enable	低
669	Page function	Dis./En. Page 13		1 bit	C	-	W	-	-	enable	低
671	Page function	Dis./En. Page 15		1 bit	C	-	W	-	-	enable	低

6.3



6.3.1 “Multifunction (Lighting/Blind/Scene/Value send)”

/ / 1—— 0——					
/					
0…100%					
0…100%					

			/ /		
Open/Close Blind Obj.1 / 1—— 0—— Obj.2 1—— Obj.3 0…100%					

Roller Blind (without slat) Obj.1 / 1—— 0—— Obj.2 Obj.3					
Venetian Blinds (with slat) Obj.1 Obj.3 Obj.2 1—— / 0—— / Obj.4 0…100%					

Blind(open/close/stop)

Obj.1 /

1——

0——

Obj.2

1——

Blind(up/down/stop)

Obj.1 /

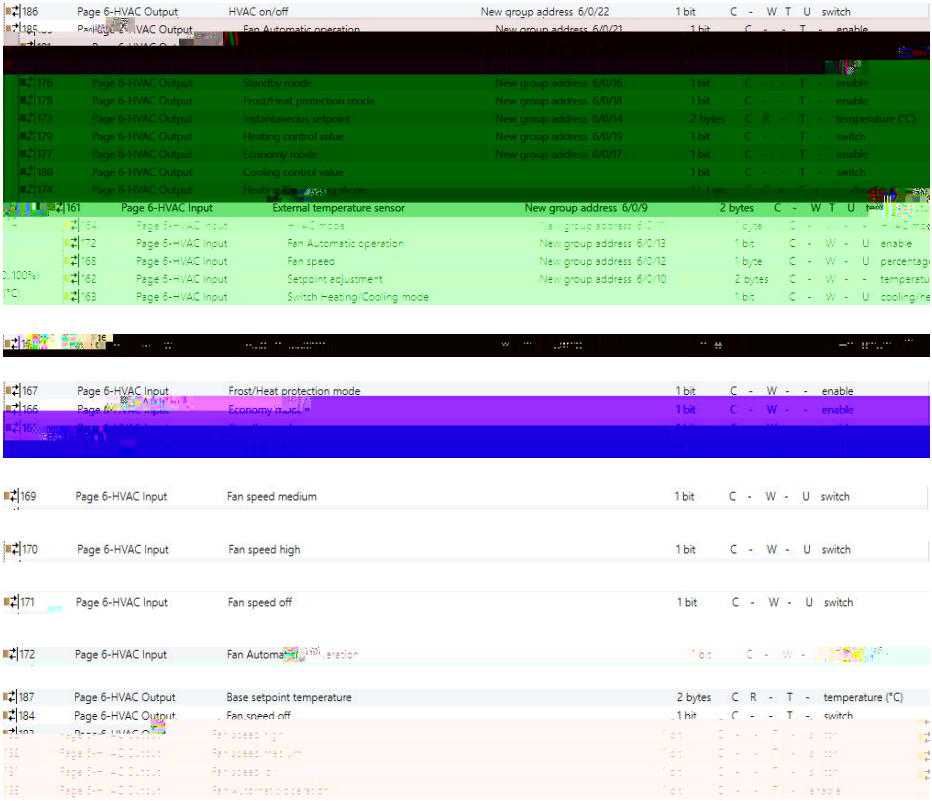
1——

0——

Obj.2

1 0

6.3.1 “Multifunction (Lighting/Blind/Scene/Value send)”



6.3.2 “HVAC”

-50~99.8					

HVAC

HVAC

HVAC

1——

0——

“1”

1byte

0

1

2

3

4

5-255

4 1bit (168,169,170,171) 1 1byte Fan speed

1bit

168——

169——

170——

171——

“1”

0

1byte

1——

0——

1——

0——

4 /

5~255

“1bit” “1”

HVAC

Switch on/off use - 2-point control on/off

switch PWM - use PI control on/off

continuous control - use PI control 0…100%

1bit

181——

182——

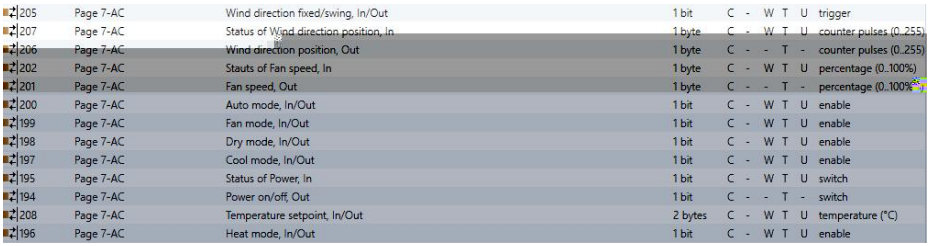
183——

184—— “1” 0 1byte 181
1—— 0——
HVAC HVAC
HVAC

6.3.2 “HVAC”

208	Page 7-AC	Temperature setpoint, In/Out	2 bytes	C	-	W	T	U	temperature (°C)
195	Page 7-AC	Status of Power, In	1 bit	C	-	W	T	U	switch
194	Page 7-AC	Power on/off, Out	1 bit	C	-	-	T	-	switch
207	Page 7-AC	Status of Wind direction position, In	1 byte	C	-	W	T	U	counter pulses (0..255)
206	Page 7-AC	Wind direction position, Out	1 byte	C	-	-	T	-	counter pulses (0..255)
205	Page 7-AC	Wind direction fixed/swing, In/Out	1 bit	C	-	W	T	U	trigger
202	Page 7-AC	Stauts of Fan speed, In	1 byte	C	-	W	T	U	percentage (0..100%)
201	Page 7-AC	Fan speed, Out	1 byte	C	-	-	T	-	percentage (0..10
202	Page 7-AC	Fan speed medium, In/Out	1 bit	C	-	W	T	U	switch
204	Page 7-AC	Fan speed Auto, In/Out	1 bit	C	-	W	T	U	switch
203	Page 7-AC	Fan speed high, In/Out	1 bit	C	-	W	T	U	switch
201	Page 7-AC	Fan speed low, In/Out	1 bit	C	-	W	T	U	switch
200	Page 7-AC	Auto mode, In/Out	1 bit	C	-	W	T	U	enable

6.3.3 (1) “Air conditioner” Gateway Integrate _1byte



205	Page 7-AC	Wind direction fixed/swing, In/Out	1 bit	C	-	W	T	U	trigger
207	Page 7-AC	Status of Wind direction position, In	1 byte	C	-	W	T	U	counter pulses (0..255)
206	Page 7-AC	Wind direction position, Out	1 byte	C	-	-	T	-	counter pulses (0..255)
202	Page 7-AC	Stauts of Fan speed, In	1 byte	C	-	W	T	U	percentage (0..100%)
201	Page 7-AC	Fan speed, Out	1 byte	C	-	-	T	-	percentage (0..100%
200	Page 7-AC	Auto mode, In/Out	1 bit	C	-	W	T	U	enable
199	Page 7-AC	Fan mode, In/Out	1 bit	C	-	W	T	U	enable
198	Page 7-AC	Dry mode, In/Out	1 bit	C	-	W	T	U	enable
197	Page 7-AC	Cool mode, In/Out	1 bit	C	-	W	T	U	enable
195	Page 7-AC	Status of Power, In	1 bit	C	-	W	T	U	switch
194	Page 7-AC	Power on/off, Out	1 bit	C	-	-	T	-	switch
208	Page 7-AC	Temperature setpoint, In/Out	2 bytes	C	-	W	T	U	temperature (°C)
196	Page 7-AC	Heat mode, In/Out	1 bit	C	-	W	T	U	enable

6.3.3 (2) “Air conditioner” Gateway Integrate _1bit

194	-AC	IR Split unit command, Out	1 byte	C	-	-	T	-	scene number
193	Page 7-AC	External temperature sensor, In	2 bytes	C	-	W	T	U	temperature (°C)

6.3.3 (3) “Air conditioner” IR Split Unit

Power on/off: Gateway Integrate

IR Split unit command: IR Split Unit

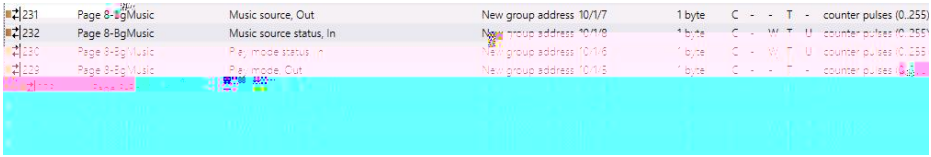
1~64 0~63

Control mode, Out: 1byte

Heat mode, In/Out:			1bit		-
Status of control mode, In:				1byte	
Cool mode, In/Out:			1bit		-
		1bit		-	
		1bit		-	
		1bit		-	
Fan speed Out:			1byte		
Fan speed low, In/Out:			1bit		-

Status of Fan speed, In:		1byte	
Fan speed medium	In/Out:	1bit	-
	1bit		-

6.3.3 “Air conditioner”

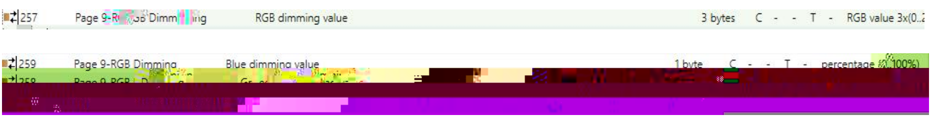


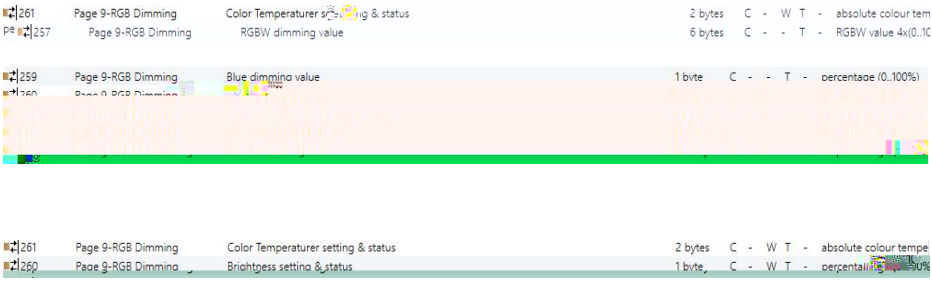
6.3.4 “Background Music”

/ / 1—— 0——					
/ 1—— 0——					

/ 1—— 0——					
1—— 0——					

6.3.4 “Background Music”





6.3.5 “RGB dimming”

R ( )				0..100%	
G ( )				0..100%	
B ( )				0..100%	

RGBW RGBW+Color Temperature W ( )

, 0..100%

Brightness+Color Temperature

0..100%

1000K..10000K

RGB 1x3byte RGB

3 RGB U8 U8 U8

3_{MSB}	2	1_{LSB}
R	G	B
UUUUUUUU	UUUUUUUU	UUUUUUUU

R:

G:

B:

RGBW 1x6byte RGBW

6 RGBW U8 U8 U8 U8 R8 R4 B4

6_{MSB}	5	4	3	2	1_{LSB}
R	G	B	W		r r r r mR mG mB mW
UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	00000000	0000BBBB

R:

G:

B:

W:

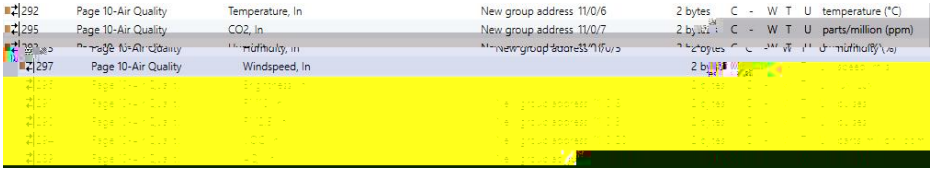
mR: , 0= , 1=

mG: , 0= , 1=

mB: , 0= , 1=

mW: , 0= , 1=

6.3.5 “RGB dimming”



6.3.6 “Air Quality display”

AQI					0~500
PM2.5					ug/m^3
0~999ug/m^3					

PM10 ug/m^3

0~999ug/m^3

-40~40

0~100%

VOC mg/m^3

0~9.99mg/m^3

7.001 pulses 7.001 pulses

5000 ug/m^3 5.00mg/m^3

325	Page 11-Floor heating	En./Dis. timer, In	1 bit	C - W - -	enable
326	Page 11-Floor heating	Scene, In	1 byte	C - W - -	scene control
323	Page 11-Floor heating	Heating control value, Out	1 byte	C - W T U	percentage (0..100%)

6.3.7 “Floor heating”

-50~99.8					
1—— 0——					
Heating on/off - 2-point control on/off Heating PWM - use PI control on/off Heating continuous control - use PI control 0…100% 1bit 5					
5~40					

/			/		
			1~64	0~63	

6.3.7 “Floor heating”

6.3.8 “Ventilation system”

1—— 0——					

/ /

/

1——

0——

1——

1——

“1byte”

“1byte”

“1bit”					
/					
CO2 ppm 0~4000ppm CO2 CO2					
PM2.5 ug/m^3 0~999ug/m^3 PM2.5 PM2.5					
1~64 0~63					

6.3.8 “Ventilation System”

385	Page 13-Energy Meter 1	Current in mA (DPT 7.012)	New group address 11/0/10	2 bytes	C	-	W	T	U	current (mA)
386	Page 13-Energy Meter 2	Current in mA (DPT 9.021)		2 bytes	C	-	W	T	U	current (mA)
387	Page 13-Energy Meter 3	Current in A (DPT 14.019)		4 bytes	C	-	W	T	U	electric current (A)
388	Page 13-Energy Meter 4	Voltage in mV (DPT 9.020)		2 bytes	C	-	W	T	U	voltage (mV)
389	Page 13-Energy Meter 5	Voltage in V (DPT 14.027)		4 bytes	C	-	W	T	U	electric potential (V)
390	Page 13-Energy Meter 6	Power in W (DPT 14.056)		4 bytes	C	-	W	T	U	power (W)
391	Page 13-Energy Meter 7	Active energy in Wh (DPT 13.010)		4 bytes	C	-	W	T	U	active energy (Wh)
392	Page 13-Energy Meter 8	Active energy in kWh (DPT 13.013)		4 bytes	C	-	W	T	U	active energy (kWh)

392	Page 13-Energy Meter 8	Power in kW (DPT 9.024)		2 bytes	C	-	W	T	U	power (kW)

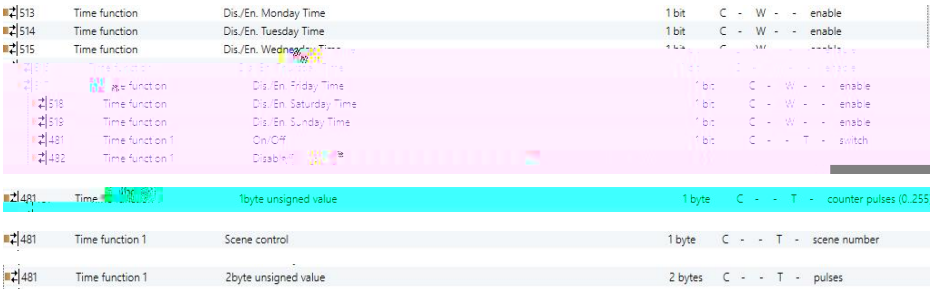
6.3.9 “Energy Metering display”

0~65535mA, 1mA					
-670760~670760mA, 0.01mA					
-99999999.9~99999999.9A, 0.1A					
-670760mV~670760mV, 0.01mV					

-99999999.9~99999999.9V, 0.1V					
-99999999.9~99999999.9W, 0.1W					
-670760~670760kW, 0.01kW					
-2147483648~2147483647Wh, 1Wh					
-2147483648~2147483647kWh, 1kWh					

6.3.9 “Energy Metering display”

“Time Function”

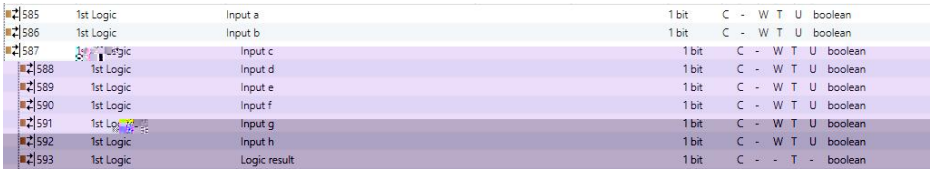


6.4.1 “Time function”

16 x=16

“Event Group”

“Logic function”

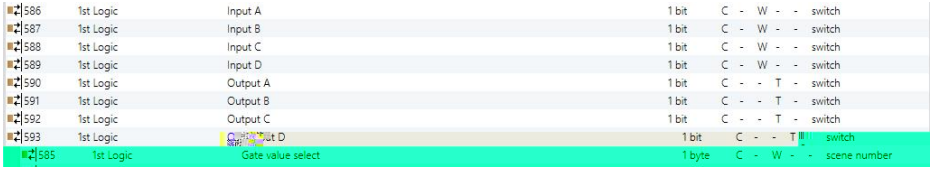


585	1st Logic	Input a	1 bit	C	-	W	T	U	boolean
586	1st Logic	Input b	1 bit	C	-	W	T	U	boolean
587	1st Logic	Input c	1 bit	C	-	W	T	U	boolean
588	1st Logic	Input d	1 bit	C	-	W	T	U	boolean
589	1st Logic	Input e	1 bit	C	-	W	T	U	boolean
590	1st Logic	Input f	1 bit	C	-	W	T	U	boolean
591	1st Logic	Input g	1 bit	C	-	W	T	U	boolean
592	1st Logic	Input h	1 bit	C	-	W	T	U	boolean
593	1st Logic	Logic result	1 bit	C	-	-	T	-	boolean

6.6.1 “Logic function_AND/OR/XOR”

Input x					

6.6.1 “Logic function_AND/OR/XOR”

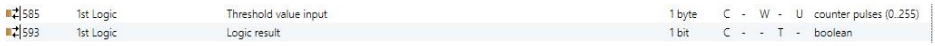


586	1st Logic	Input A	1 bit	C	-	W	-	-	switch
587	1st Logic	Input B	1 bit	C	-	W	-	-	switch
588	1st Logic	Input C	1 bit	C	-	W	-	-	switch
589	1st Logic	Input D	1 bit	C	-	W	-	-	switch
590	1st Logic	Output A	1 bit	C	-	-	T	-	switch
591	1st Logic	Output B	1 bit	C	-	-	T	-	switch
592	1st Logic	Output C	1 bit	C	-	-	T	-	switch
593	1st Logic	Output D	1 bit	C	-	-	T	-	switch
585	1st Logic	Gate value select	1 byte	C	-	W	-	-	scene number

6.6.2 “Logic function_Gate forwarding”

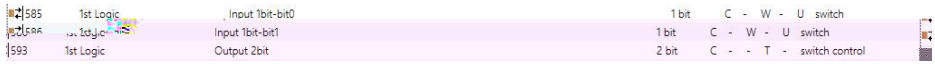
Input x					

6.6.2 “Logic function_Gate forwarding”

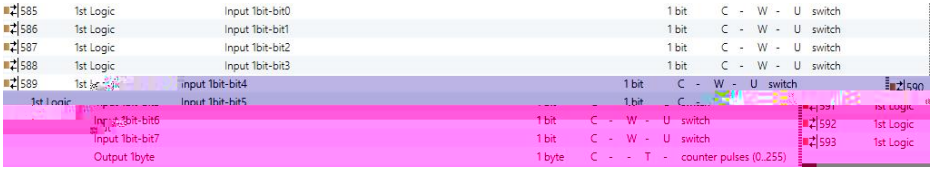


6.6.3“Logic function_Threshold comparator”

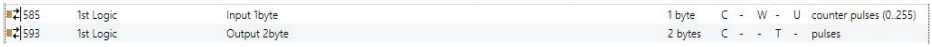
6.6.3“Logic function_Threshold comparator”



“2x1bit --> 1x2bit” 2 1bit 2bit Input bit1=1, bit0=0--> Output 2bit=2



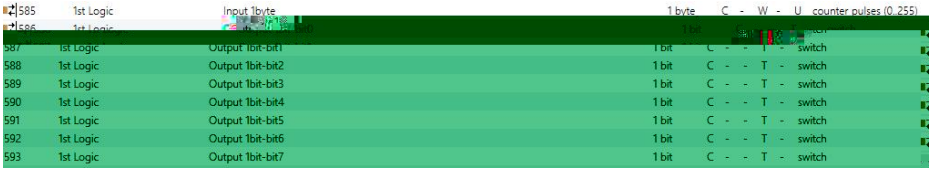
“8x1bit --> 1x1byte” : 8 1bit 1byte Input bit2=1, bit1=1, bit0=1, 0--> Output 1byte=7



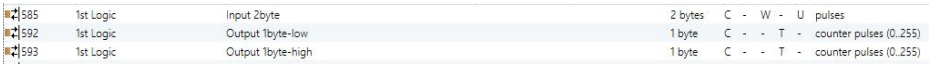
“1x1byte --> 1x2byte” 1byte 2byte Input 1byte=125--> Output 2byte=125,

“2x1byte --> 1x2byte” 2 1byte 2byte Input 1byte-low = 255 ($FF), Input 1byte-high = 100 ($64) --> Output 2byte = 25855 ($64 FF)

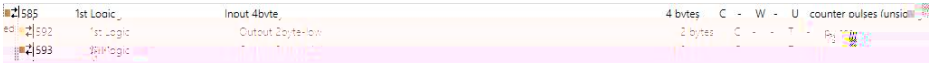
“2x2byte --> 1x4byte” 2 2byte 4byte Input 2byte-low = 65530 ($FF FA), Input 2byte-high = 32768 ($80 00)--> Output 2byte = 2147549178 ($80 00 FF FA)



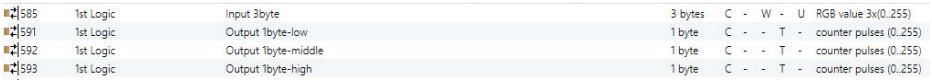
“1x1byte --> 8x1bit” 1 1byte 8 1bit Input 1byte=200 --> Output bit0=0, bit1=0, bit2=0, bit3=1, bit4=0, bit5=0, bit6=1, bit7=1



“1x2byte --> 2x1byte” 1 2byte 2 1byte Input 2byte = 55500 ($D8 CC) --> Output 1byte-low = 204 ($CC), Output 1byte-high =216 ($D8)



“1x4byte --> 2x2byte” 1 4byte 2 2byte Input 4byte = 78009500 ($04 A6 54 9C) --> Output 2byte-low = 21660 ($54 9C), Output 2byte-high =1190 ($04 A6)



“1x3byte --> 3x1byte” 1 3byte 3 1byte Input 3byte = $78 64 C8--> Output 1byte-low = 200 ($C8) , Output 1byte-middle = 100 ($64) , Output 1byte-high =120 ($78)

“3x1byte --> 1x3byte” 3 1byte 1 3byte Input 1byte-low = 150 ($96), Input 1byte-middle = 100 ($64), Input 1byte-high = 50 ($32)--> Output 3byte = $32 64 96

					DPT

6.6.4 “Logic function_Format convert”

(1)

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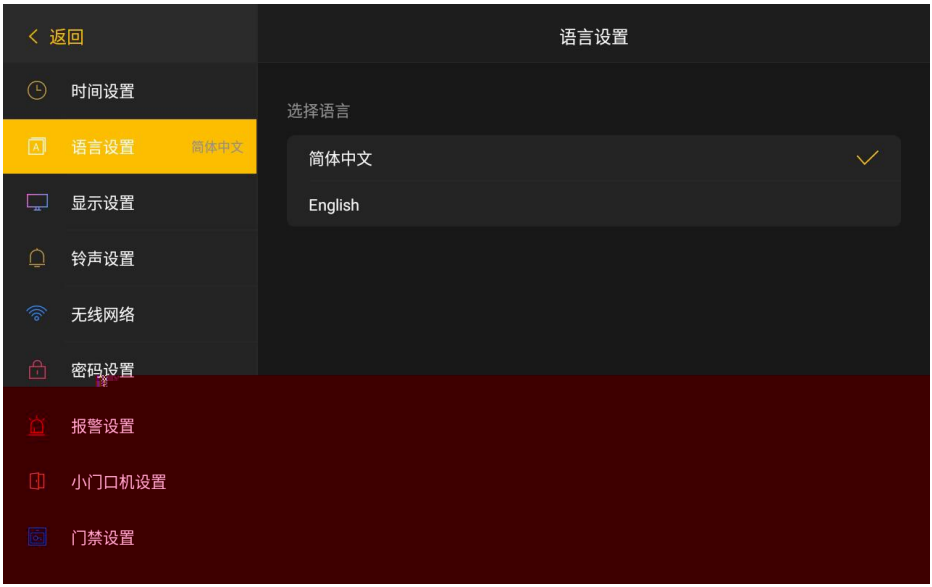
(3) 12 !" 12

F9 & (4)@A Q;d i


返回
语言设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
选择语言
简体中文
English

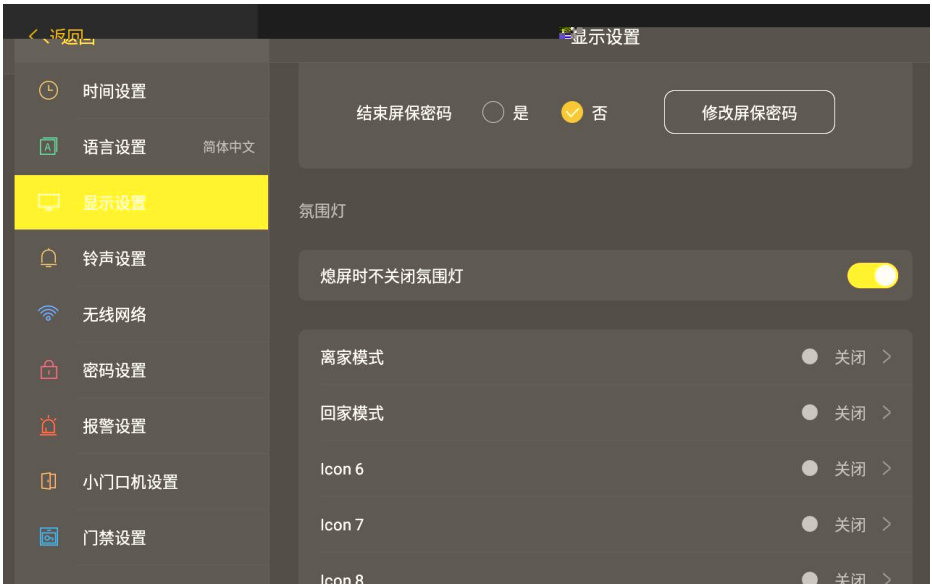
返回
显示设置
时间设置
语言设置
简体中文
显示设置
铃声设置
密码设置
报警设置
亮度
屏保
进入屏保时间
1min
结束屏保时间
2min

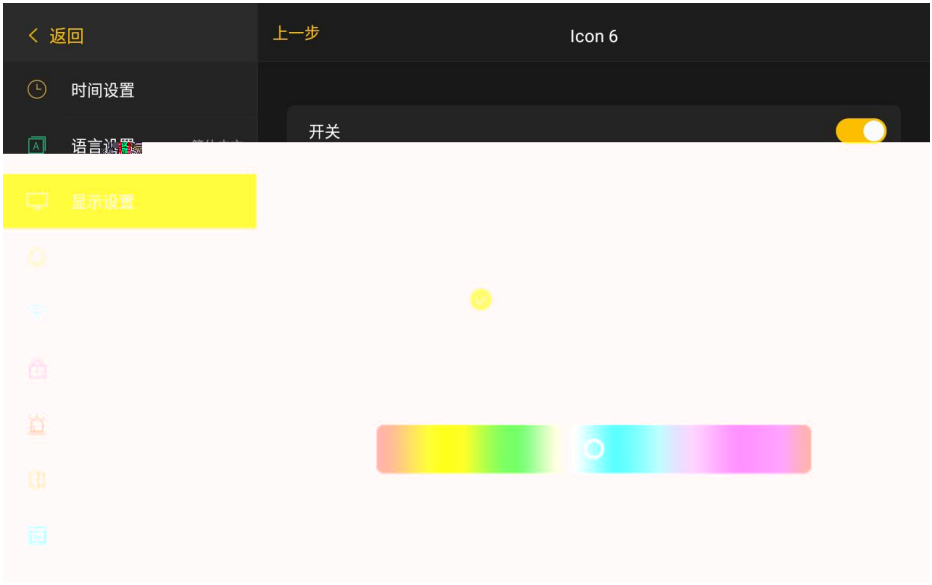
(1)

(2)

6666

(3)


返回
显示设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
结束屏保密码
是
否
修改屏保密码
氛围灯
熄屏时不关闭氛围灯
离家模式
关闭
回家模式
关闭
Icon 6
关闭
Icon 7
关闭


返回
上一步
Icon 6
时间设置
开关
显示设置

A.

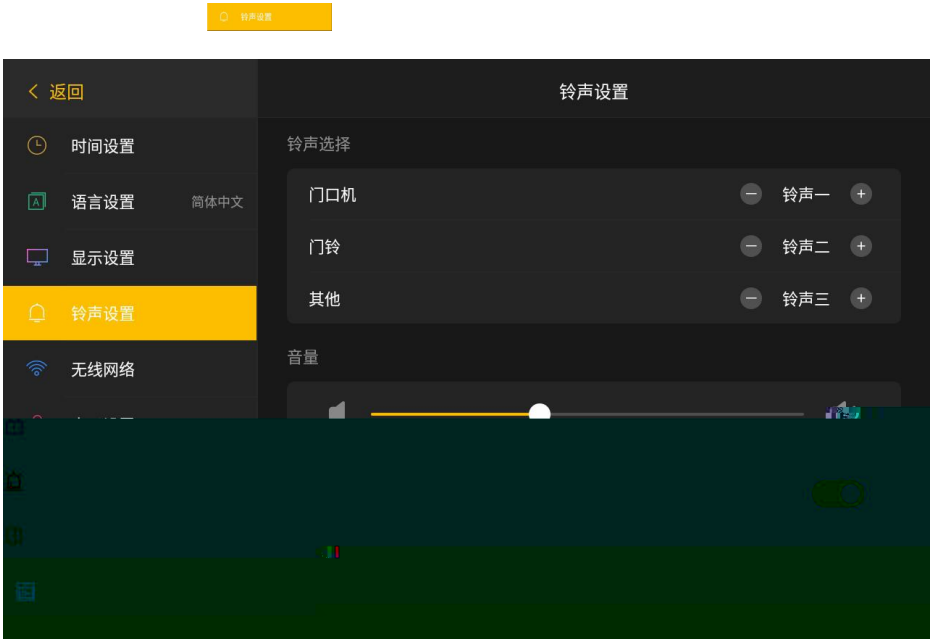
B.

C.

D.

E.

F.

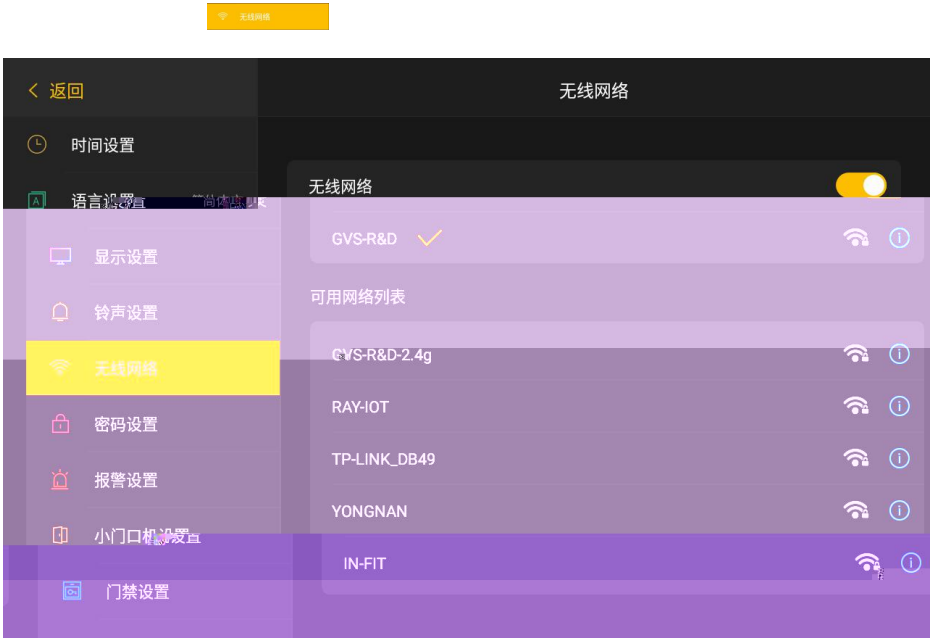

返回
铃声设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
铃声选择
门口机
铃声一
门铃
铃声二
其他
铃声三
音量

(1)

(2)

(3)

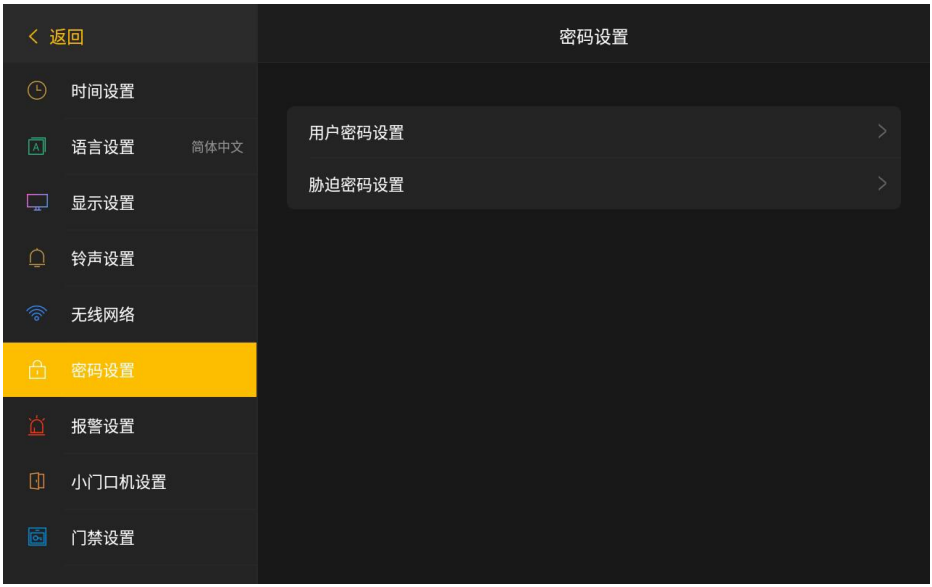
(4)


返回
无线网络
时间设置
语言设置
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
无线网络
GVS-R&D
可用网络列表
GVS-R&D-2.4g
RAY-IOT
TP-LINK_DB49
YONGNAN
IN-FIT

(1)

(2) MAC

(3)

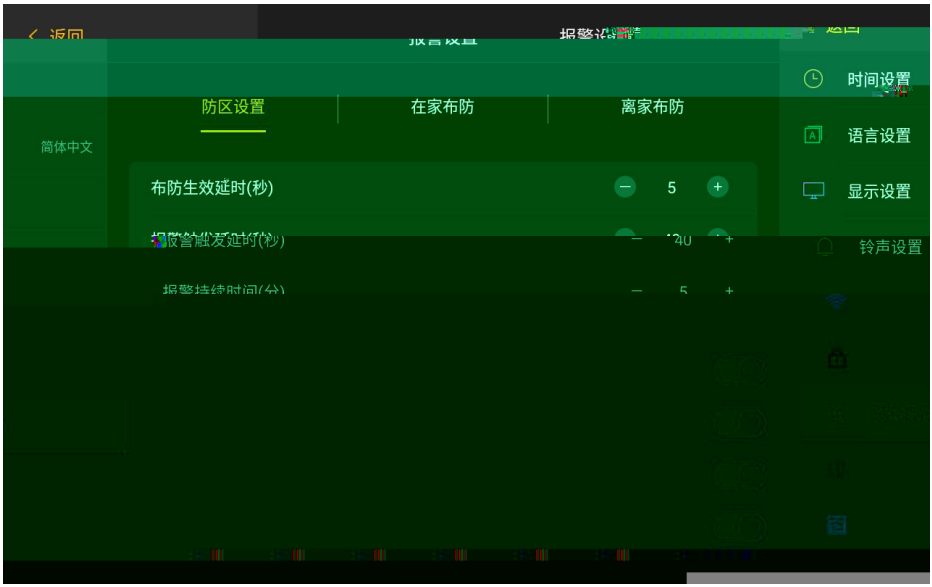

返回
密码设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
用户密码设置
胁迫密码设置

666666

返回
用户密码设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
原用户密码
新用户密码
新密码确认
1
2
3
4
5
6
7
8
9

返回
胁迫密码设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
原胁迫密码
新胁迫密码
新密码确认
1
2
3
4
5
6
7
8
9
DEL
0
OK

666666



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(6)

(7) 1

60s

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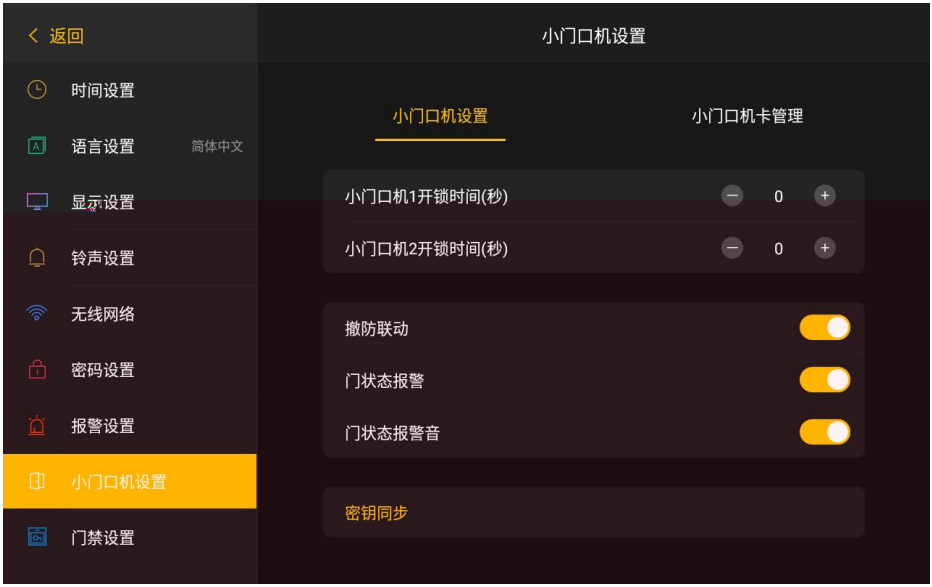

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(3) 120s PC

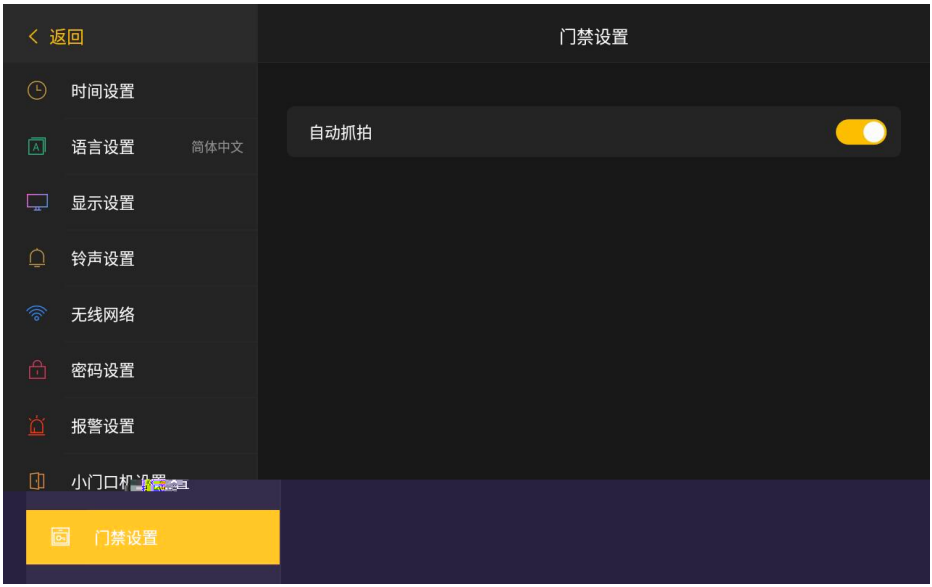
(4)

(5)

返回
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
小门口机设置
小门口机设置
小门口机卡管理
小门口机1
小门口机2

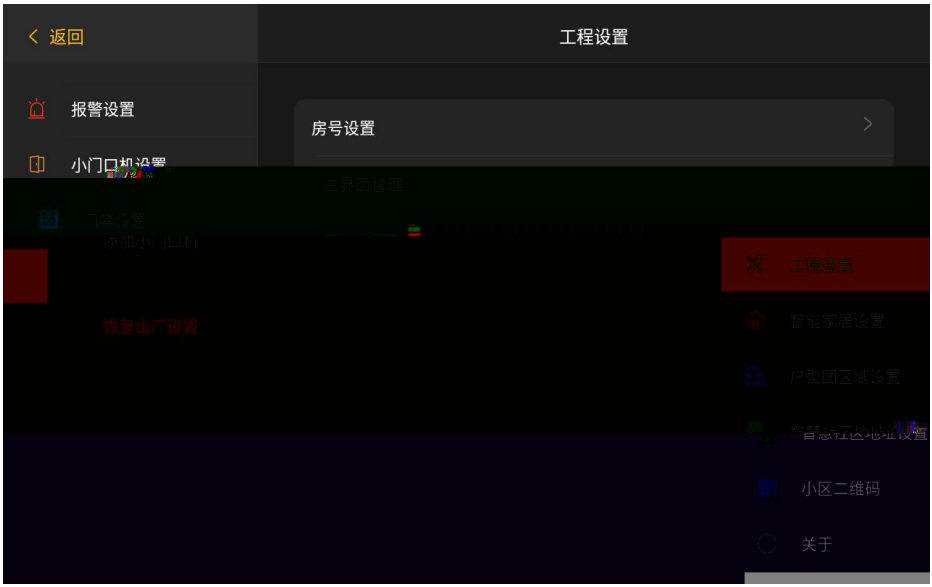
IC

门禁设置


返回
门禁设置
时间设置
语言设置
简体中文
显示设置
铃声设置
无线网络
密码设置
报警设置
小门口机设置
门禁设置
自动抓拍

(3s)

801801

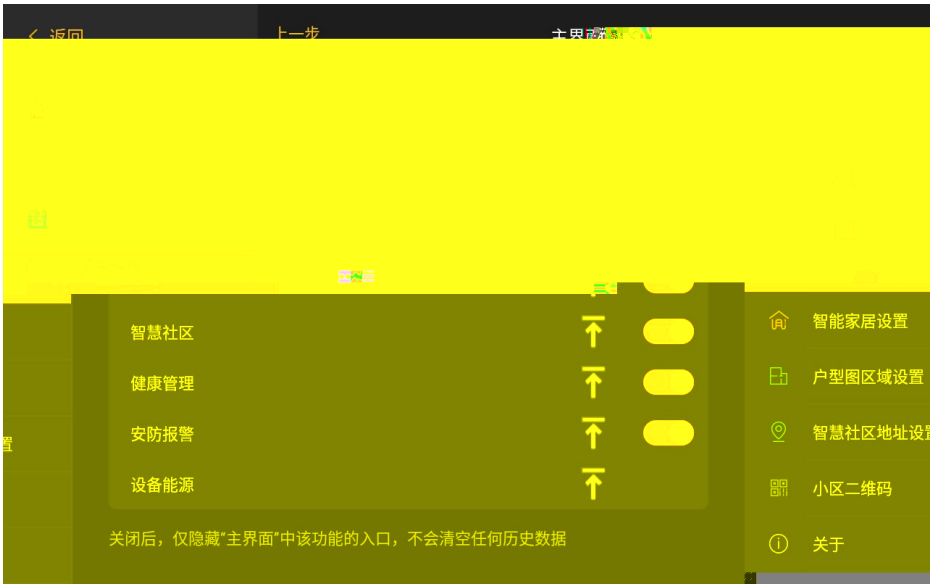


房号设置

(1) 1-99 1-9 101-6332 1-4

(2) 1-999 1-4

主界面管理


返回
上一步
智慧社区
健康管理
安防报警
设备能源
关闭后，仅隐藏"主界面"中该功能的入口，不会清空任何历史数据
智能家居设置
户型图区域设置
小区二维码
关于

(1)

(2)

(3)

(4)

(5)

添加小门口机

3 3 2

> > 1 / 2

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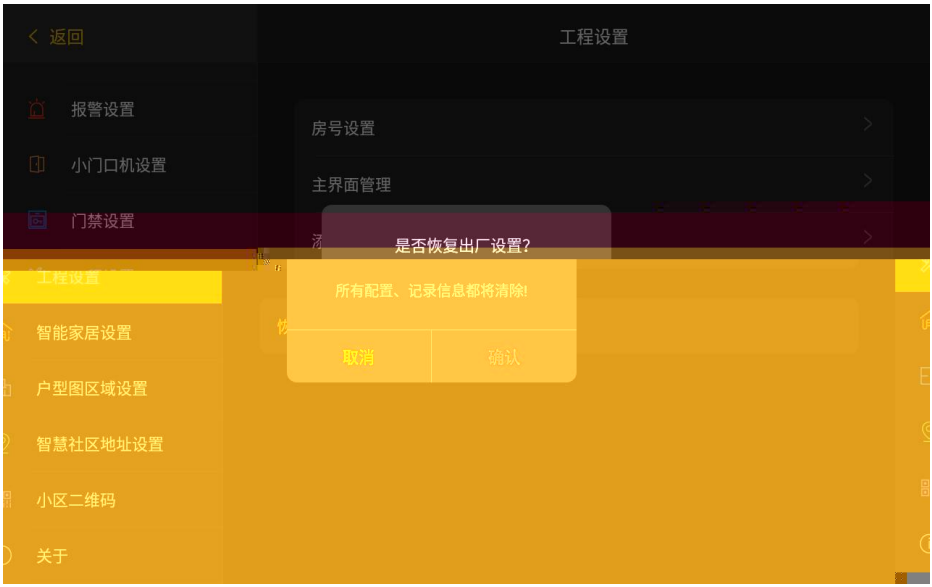
恢复出厂设置 ,


返回
工程设置
报警设置
小门口机设置
门禁设置
房号设置
主界面管理
是否恢复出厂设置?
所有配置、记录信息都将清除!
取消
确认
工程设置
智能家居设置
户型图区域设置
智慧社区地址设置
小区二维码
关于

30S

30S

智能家居设置

返回
智能家居设置
报警设置
门禁设置
工程设置
智能家居设置
户型图区域设置
智慧社区地址设置
小区二维码
关于
编程开关
自定义场景
定时管理

1

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20

返回
密码设置
报警设置
小门口机设置
门禁设置
工程设置
智能家居设置
户型图区域设置
智慧社区地址设置
取消
添加新场景
完成
场景名称
请输入场景名称
场景图标选择
主页面是否显示
操作设备
添加设备

-

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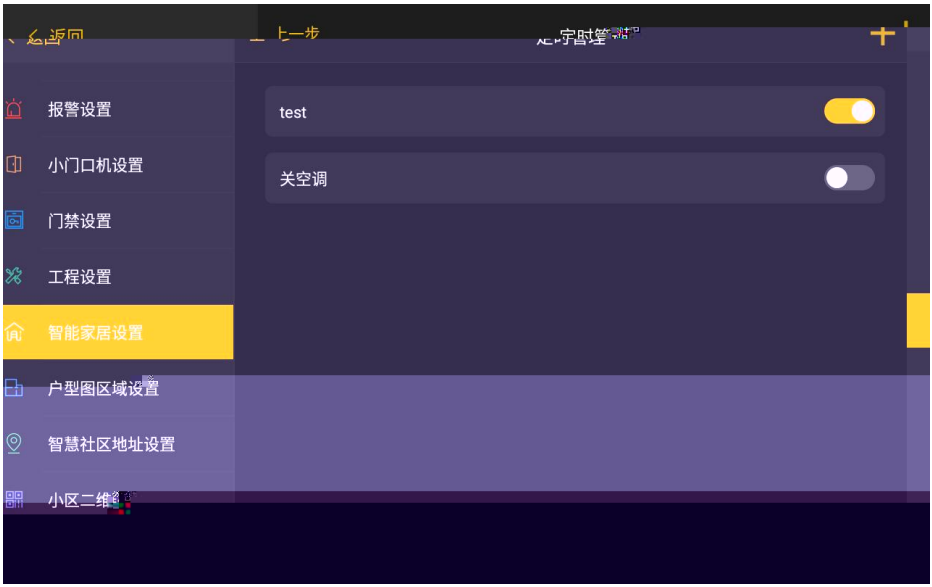
报警设置
小门口机设置
门禁设置
工程设置
智能家居设置
户型图区域设置
智慧社区地址设置
小区二维码
test
关空调

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20 /

返回
取消
定时管理
完成
报警设置
小门口机设置
门禁设置
工程设置
智能家居设置
户型图区域设置
智慧社区地址设置
小区二维码
定时事件名称:
请输入定时事件名称
设置执行时间
23
24
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设置执行频率
仅执行一次
设置执行频率
操作设备

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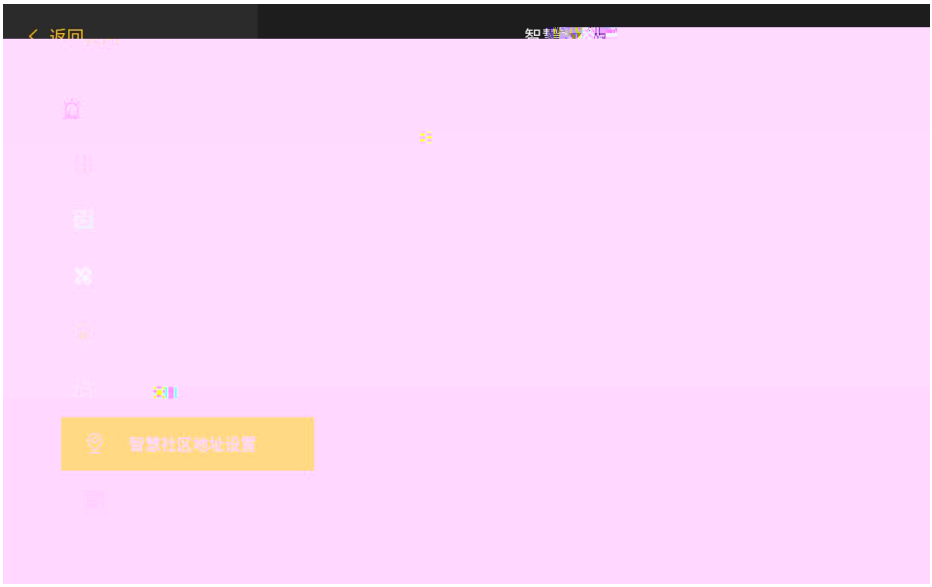

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APP

IP

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(5) MAC MAC

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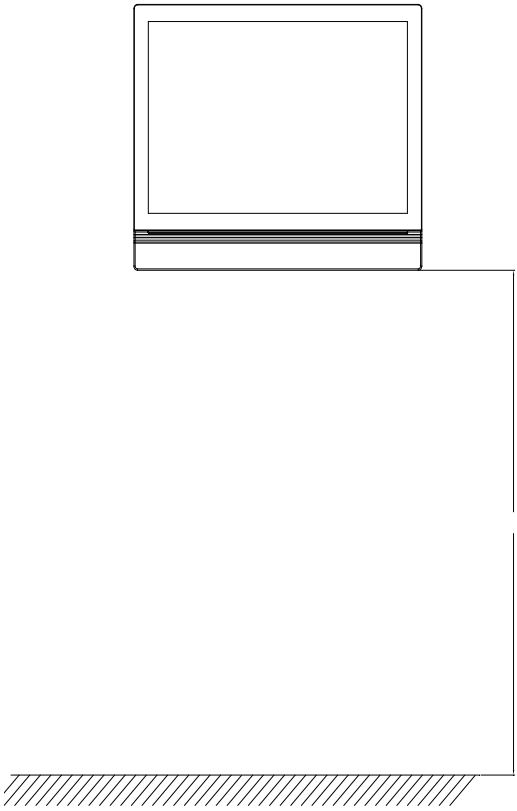

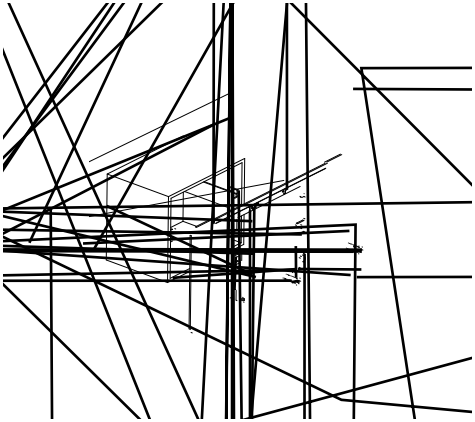

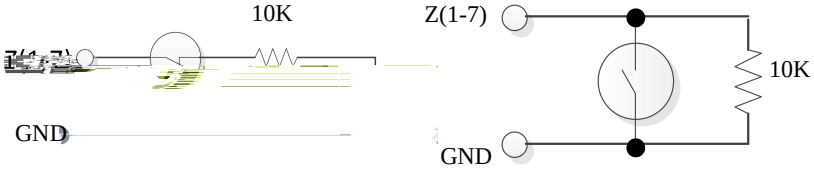
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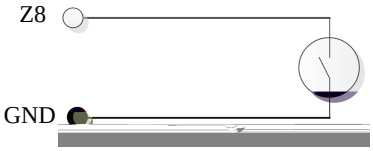
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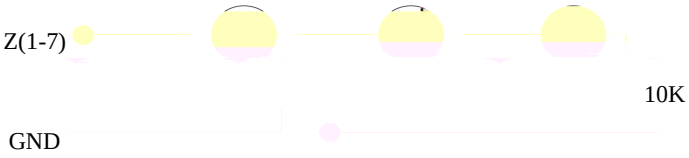
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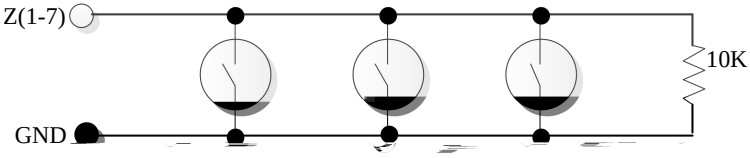
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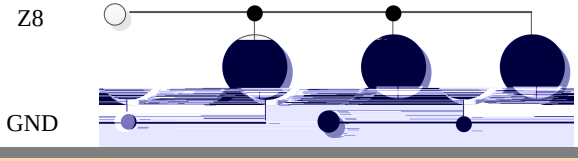
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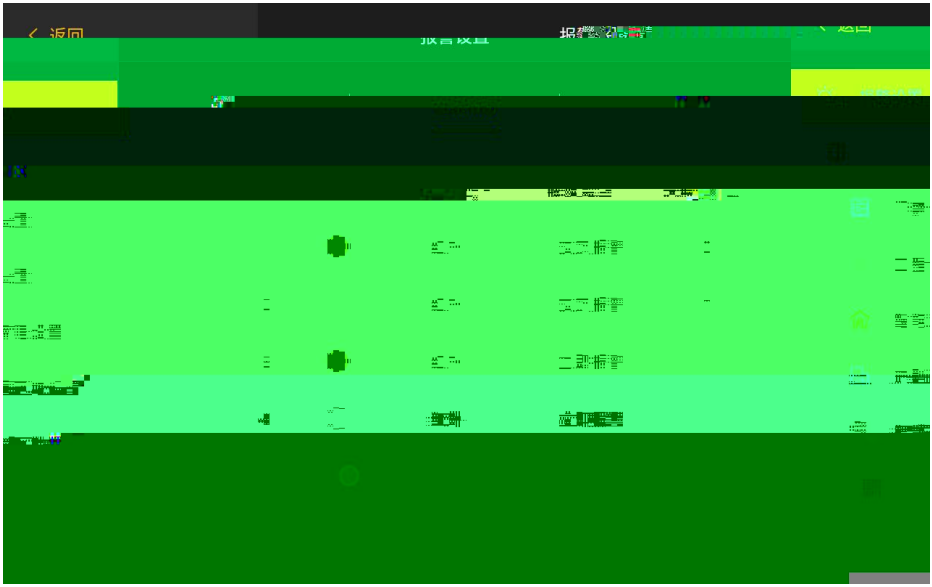

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