K-BUS


GVS
CON
LAN
K-BUS
KNX
Phys.adr.
Prog.
DC
12-30V DC
KNX
21-30V DC


GVS
CON
LAN
K-BUS
KNX
Phys.adr.
Prog.
DC
12-30V DC
KNX
21-30V DC

2　不要将设备摔落在地上或使之受到强力冲击

k □

k

□

k

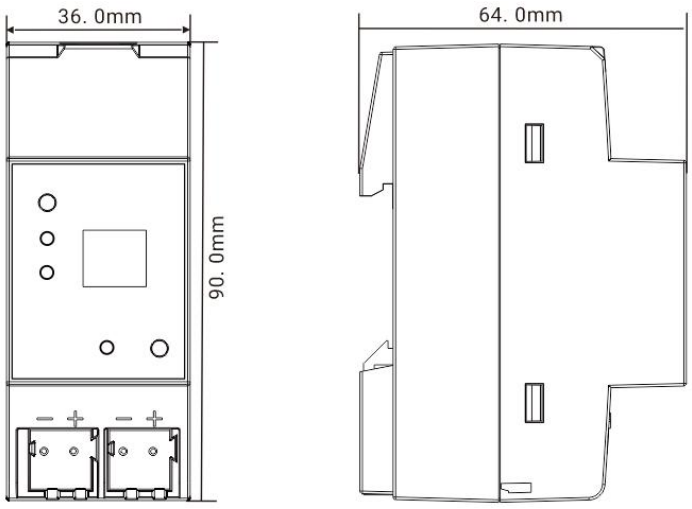
k

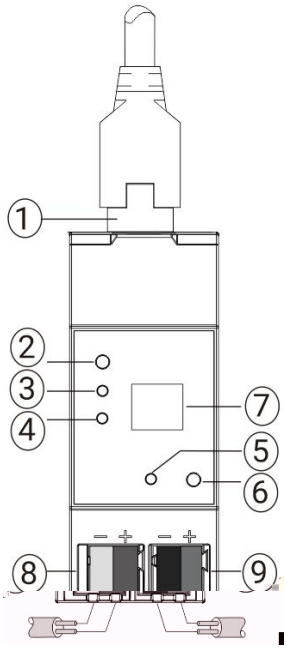
□ k

k

- ! ! ! ! !
  ! ! ! ! ! !
  ! ! ! ! □
-
-

□	□
□ □	
	□
	□


36. 0mm
90. 0mm
64. 0mm


1
2
3
4
5
6
7
8
9

k

k

k

! ! ! ! !

! ! ! ! ! ! ! !

! ! □ k

! ! ! k

k

□ k

k

! ! ! !

! !

! ! ! !

k

k

k

! !

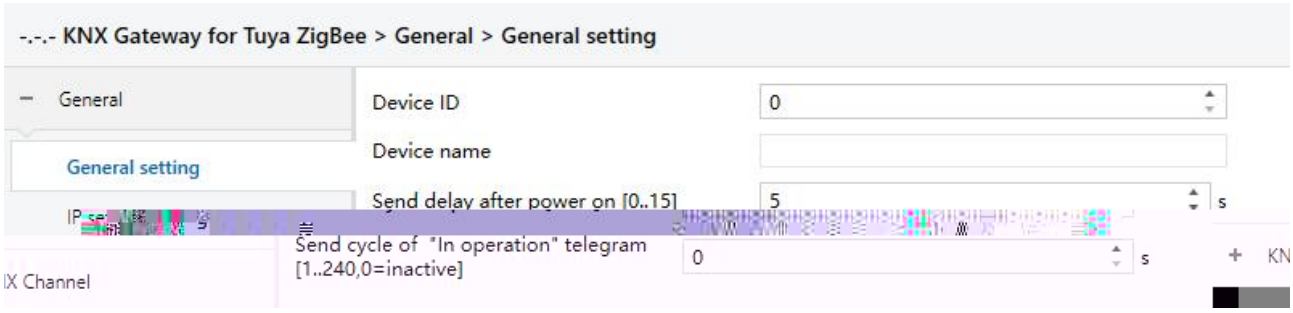
k

k k

k

k

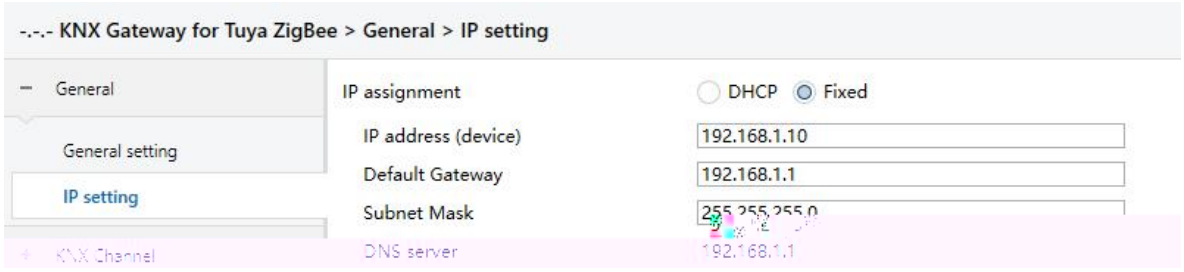
! ! ! ! ! ! ! k


-.-.- KNX Gateway for Tuya ZigBee > General > General setting
General
General setting
Device ID
0
Device name
Send delay after power on [0..15]
5
s
Send cycle of "In operation" telegram
[1..240,0=inactive]
0
s

k

k k

□□ □ □


-.-.- KNX Gateway for Tuya ZigBee > General > IP setting
General
General setting
IP setting
KNX Channel
IP assignment
DHCP
Fixed
IP address (device)
192.168.1.10
Default Gateway
192.168.1.1
Subnet Mask
255.255.255.0
DNS server
192.168.1.1

k

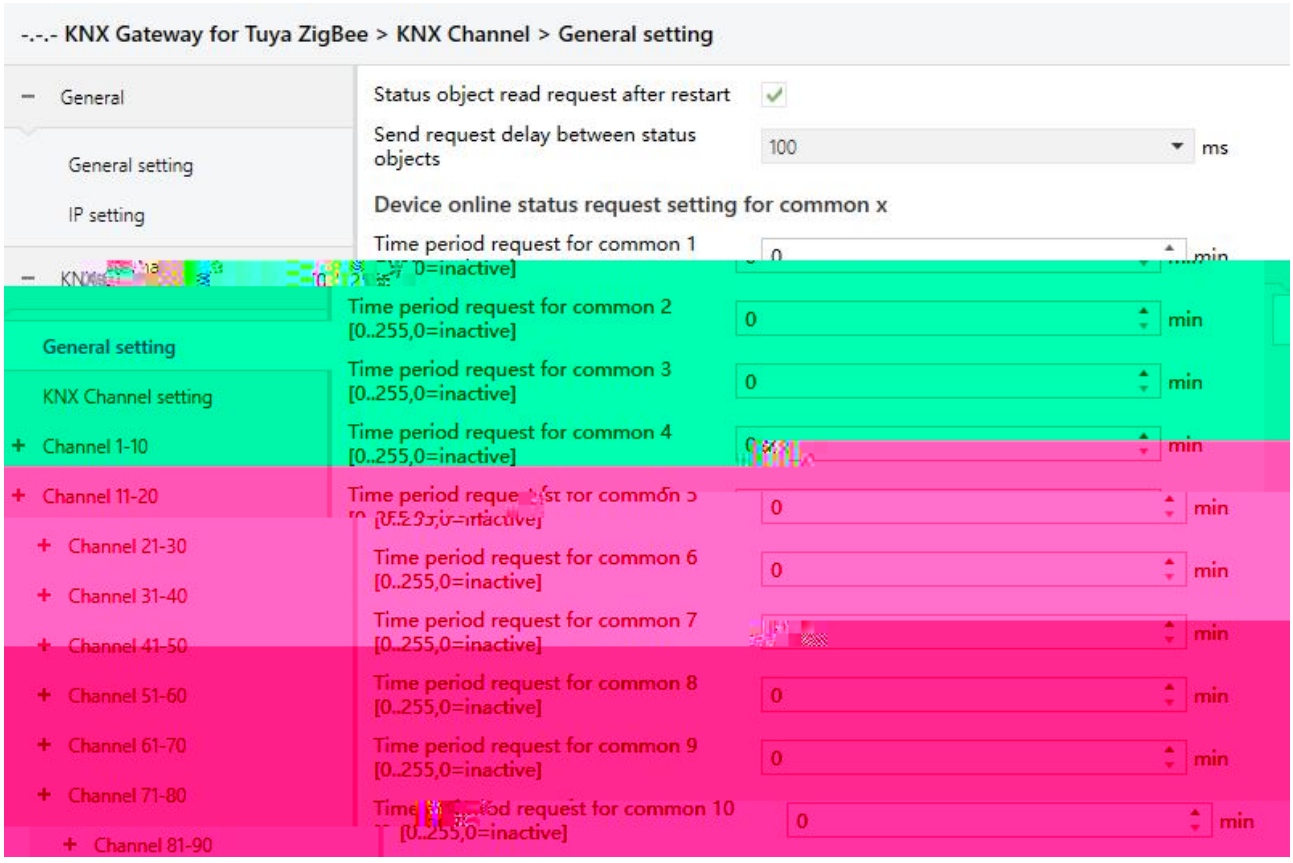
k

k

k

k

k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > General setting
General
General setting
IP setting
General setting
KNX Channel setting
Channel 1-10
Channel 11-20
Channel 21-30
Channel 31-40
Channel 41-50
Channel 51-60
Channel 61-70
Channel 71-80
Channel 81-90
Status object read request after restart
Send request delay between status objects
100
ms
Device online status request setting for common x
Time period request for common 1
Time period request for common 2 [0..255,0=inactive]
Time period request for common 3 [0..255,0=inactive]
Time period request for common 4 [0..255,0=inactive]
Time period request for common 6 [0..255,0=inactive]
Time period request for common 7 [0..255,0=inactive]
Time period request for common 8 [0..255,0=inactive]
Time period request for common 9 [0..255,0=inactive]
Time period request for common 10 [0..255,0=inactive]
0
min

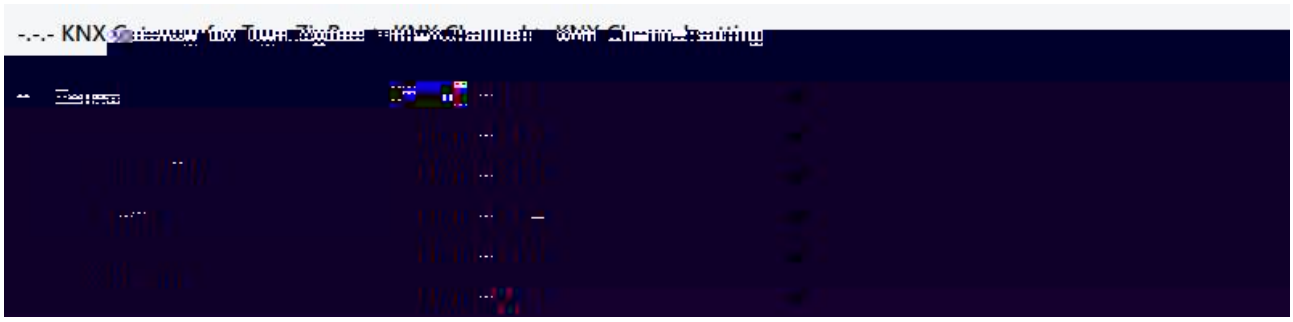
k

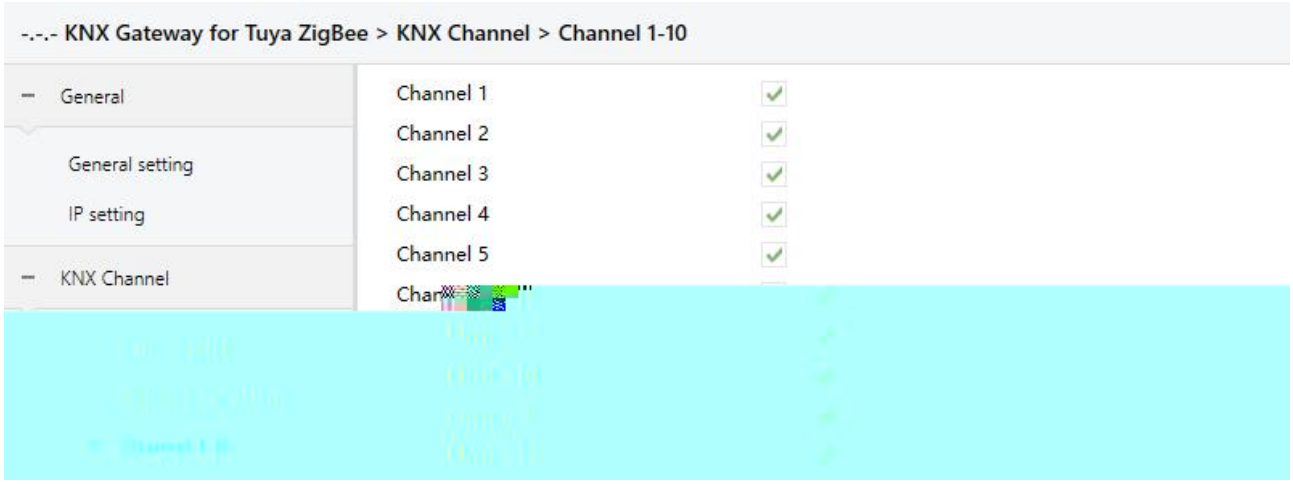
k

k

k

k




-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10
General
General setting
IP setting
KNX Channel
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5

k

k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
General setting
IP setting
Device type
Switch
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min

k k

k

k k

k

k

□ k

k

k

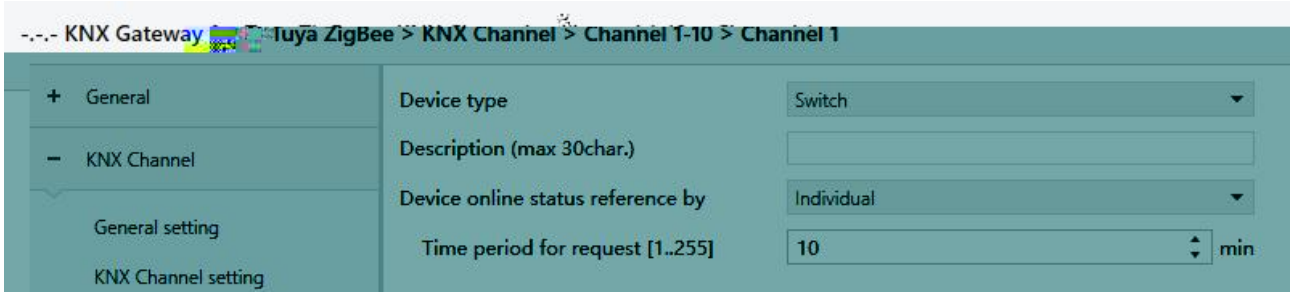
k

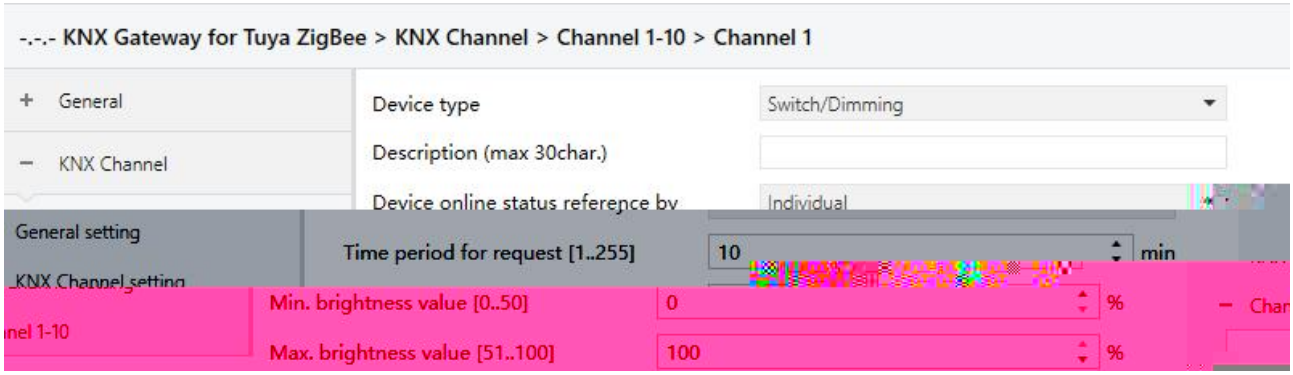
k

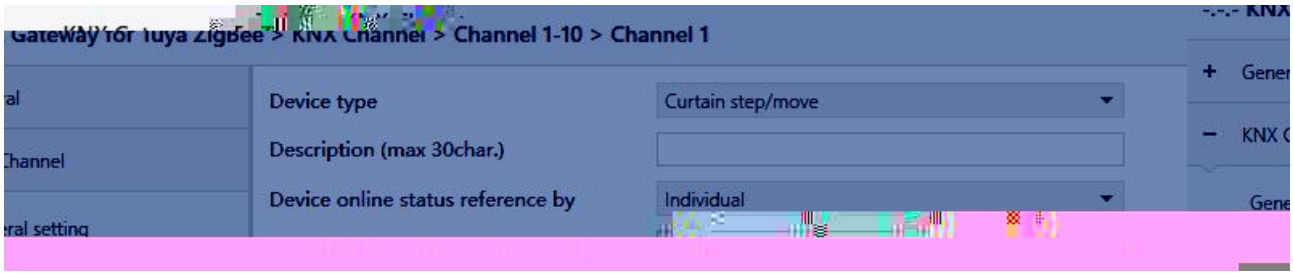
k

! ! ! ! !

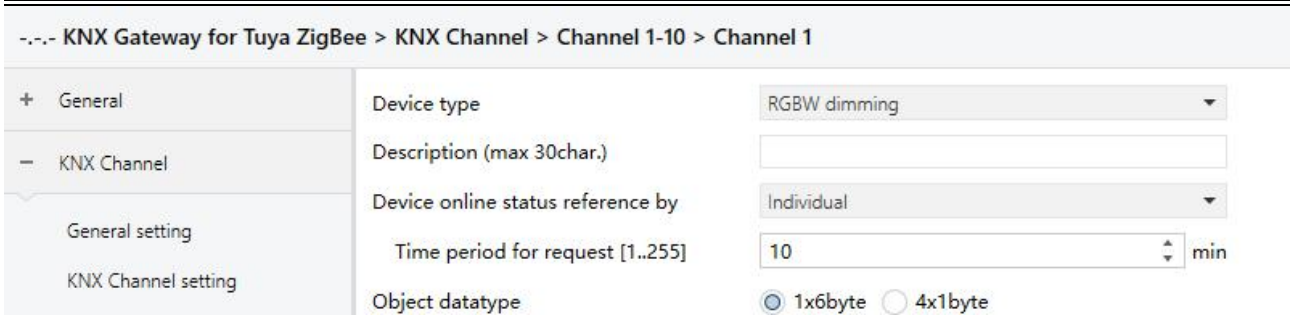
k

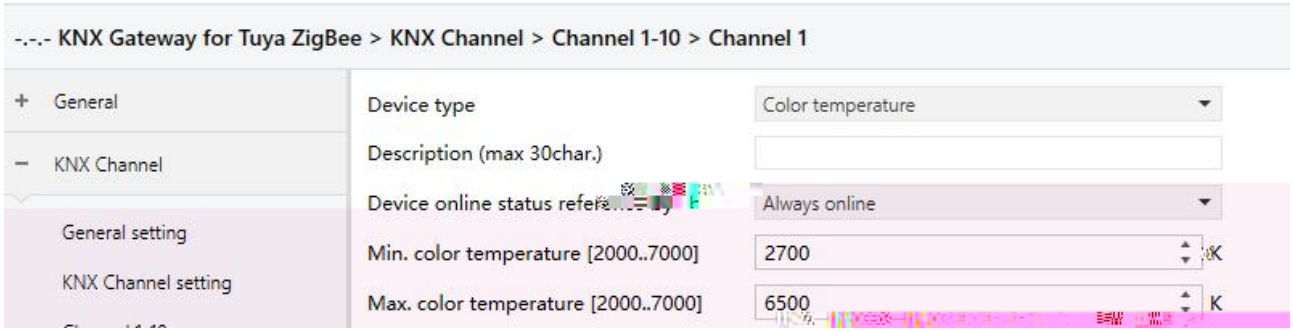

-.-.- KNX Gateway
Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Device type
Switch
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min

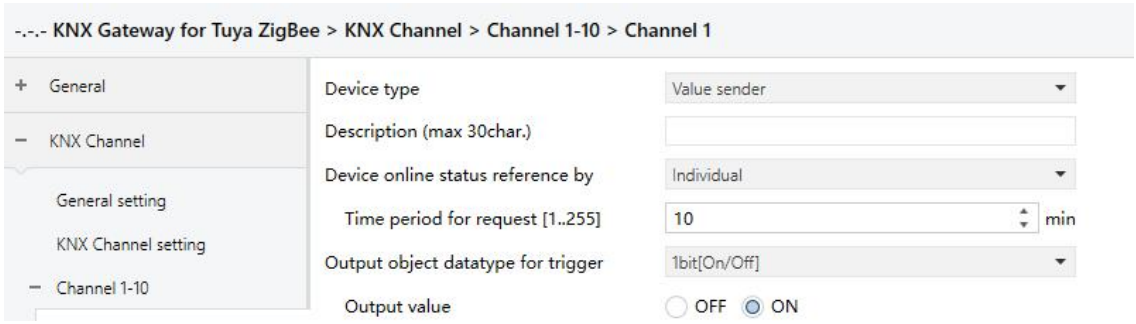

-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
Device type
Switch/Dimming
Description (max 30char.)
Device online status reference by
Individual
General setting
Time period for request [1..255]
10
min
Min. brightness value [0..50]
0
%
Max. brightness value [51..100]
100
%

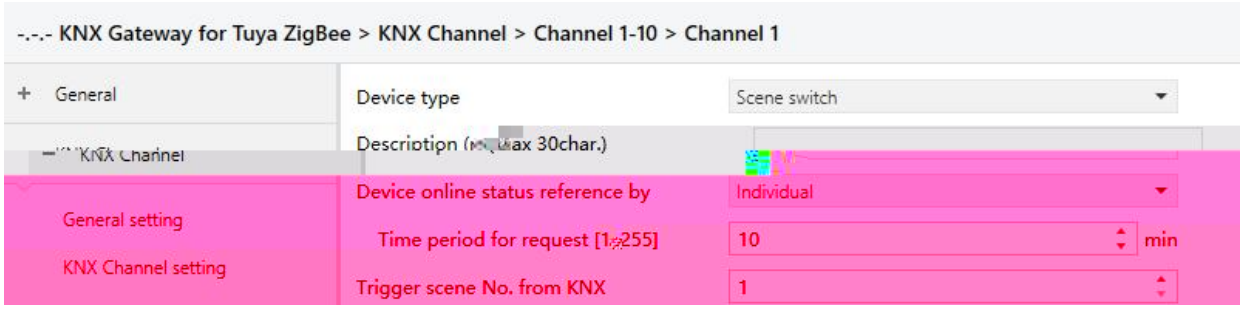

Channel 1-10 > Channel 1
Device type
Curtain step/move
Description (max 30char.)
Device online status reference by
Individual


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Device type
RGB dimming
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Object datatype
1x3byte
3x1byte


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
+ General
− KNX Channel
General setting
KNX Channel setting
Device type
RGBW dimming
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Object datatype
1x6byte
4x1byte


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
+ General
− KNX Channel
General setting
KNX Channel setting
Device type
Color temperature
Description (max 30char.)
Device online status refe
Always online
Min. color temperature [2000..7000]
2700
Max. color temperature [2000..7000]
6500
K


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
+ General
− KNX Channel
General setting
KNX Channel setting
− Channel 1-10
Device type
Value sender
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Output object datatype for trigger
1bit[On/Off]
Output value
OFF
ON


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
+ General
− KNX Channel
General setting
KNX Channel setting
Device type
Scene switch
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Trigger scene No. from KNX
1

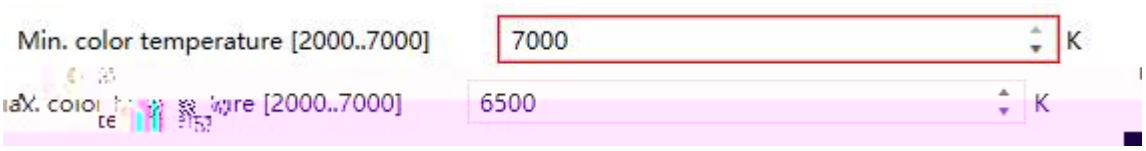
k k

k

k

k k

k k



k □

k

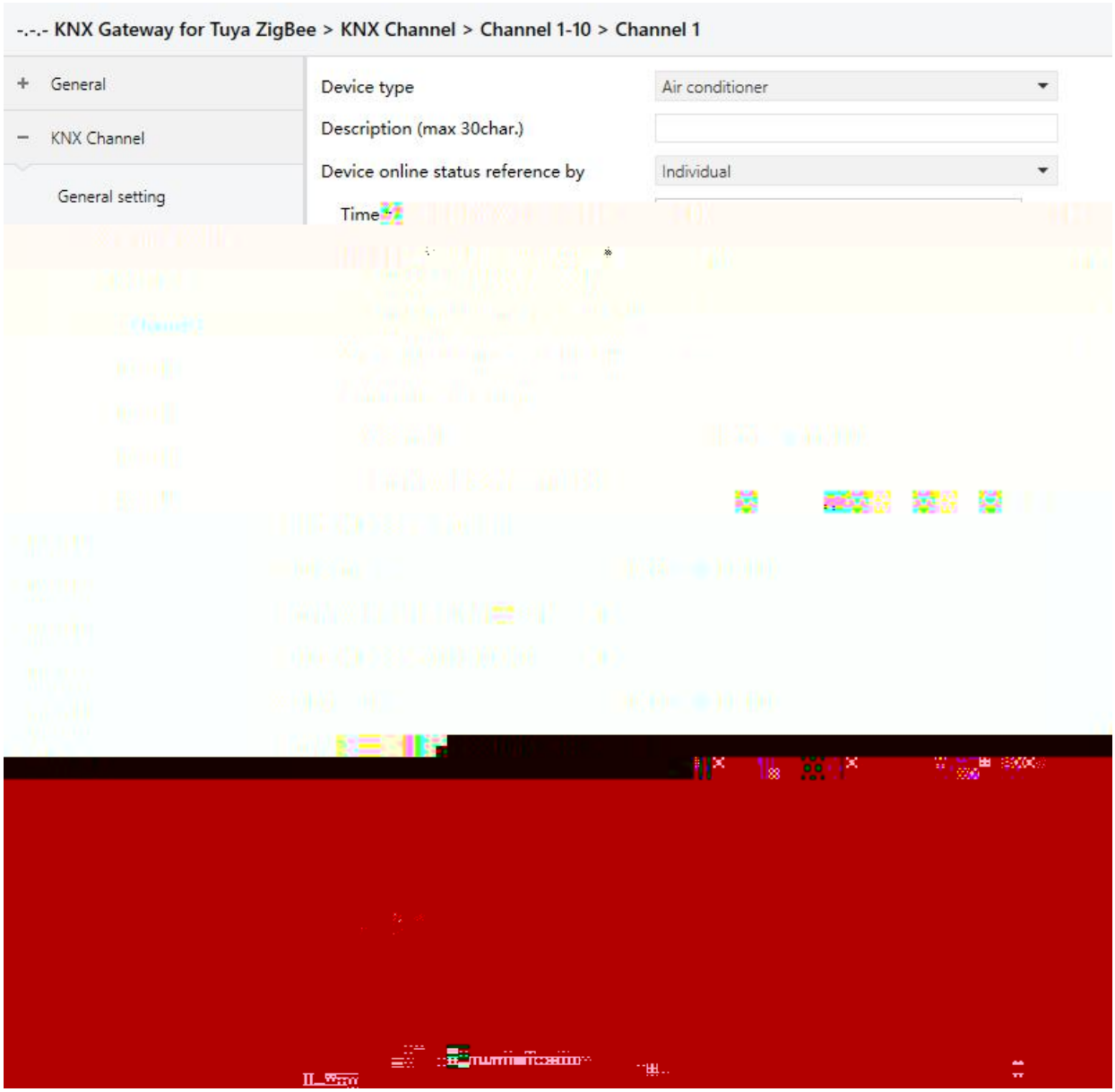
k

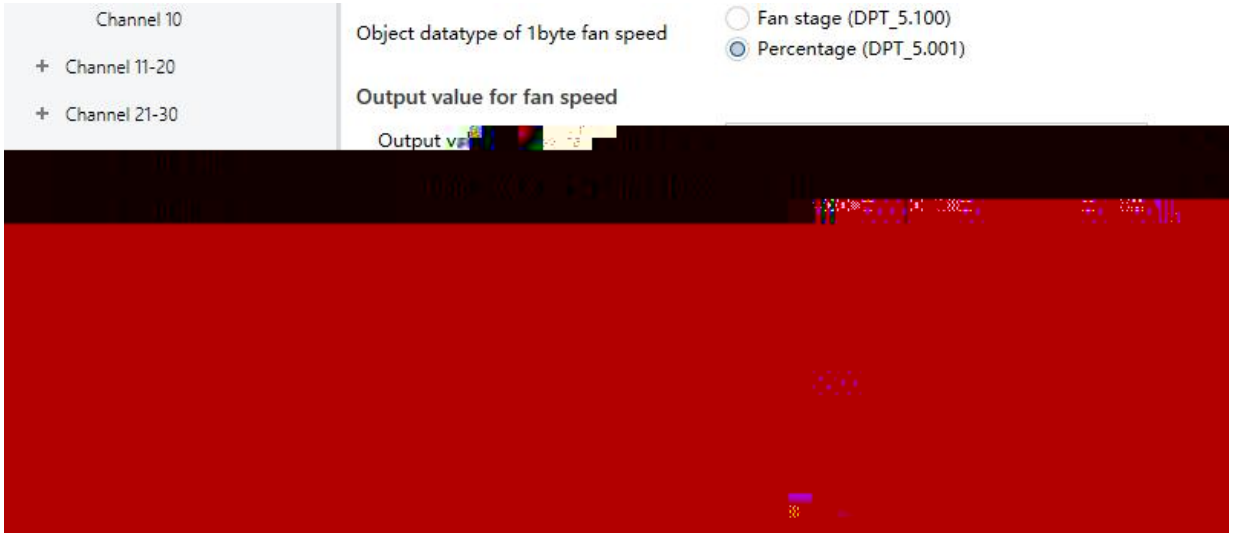
□ k

k k

k

k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
Device type
Air conditioner
Description (max 30char.)
Device online status reference by
Individual
Time


Channel 10
Channel 11-20
Channel 21-30
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed

k

k

k k

k

k

k

k

k

k

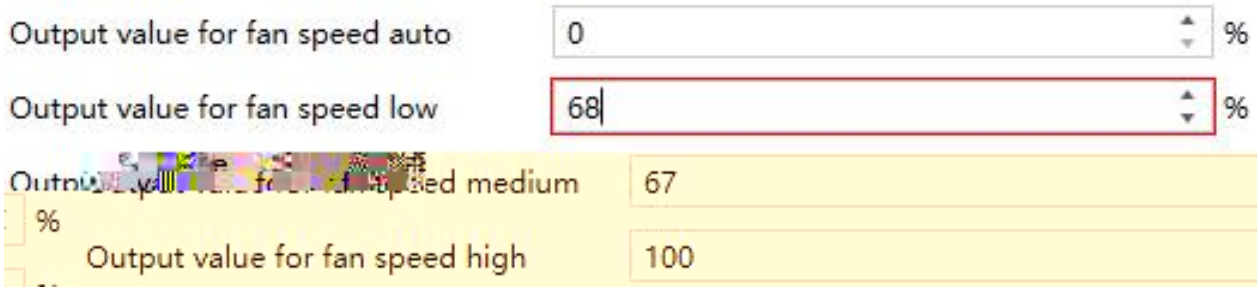
! ! ! k

k

! ! ! k

k

k

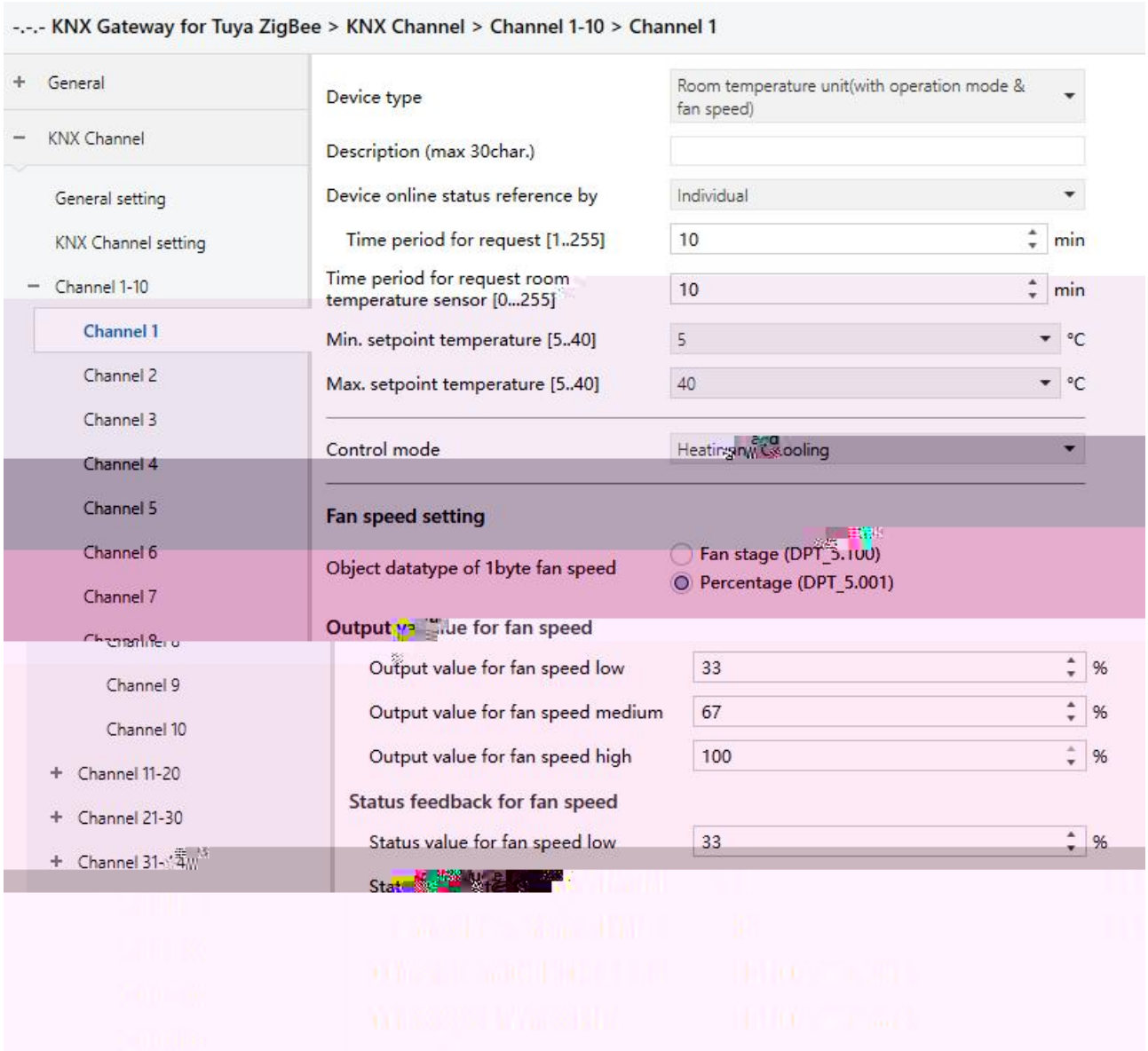

Output value for fan speed auto
0
%
Output value for fan speed low
68
%
67
%
Output value for fan speed high
100

!

k

!

k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 9
Channel 10
Channel 11-20
Channel 21-30
Channel 31-
Device type
Room temperature unit(with operation mode & fan speed)
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Time period for request room temperature sensor [0...255]
10
min
Min. setpoint temperature [5..40]
5
°C
Max. setpoint temperature [5..40]
40
°C
Control mode
Fan speed setting
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed
Output value for fan speed low
33
%
Output value for fan speed medium
67
%
Output value for fan speed high
100
%
Status feedback for fan speed
Status value for fan speed low
33
%

k

k

k k

k

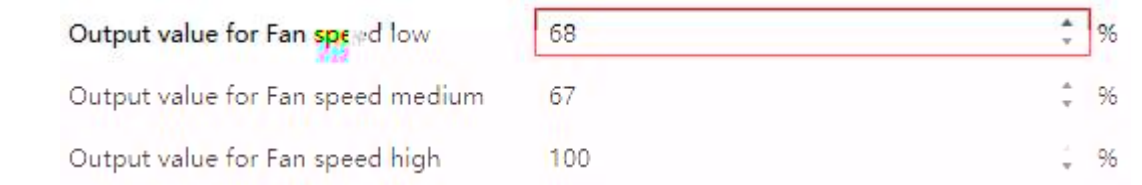
! k

k

! ! k

! ! k

k

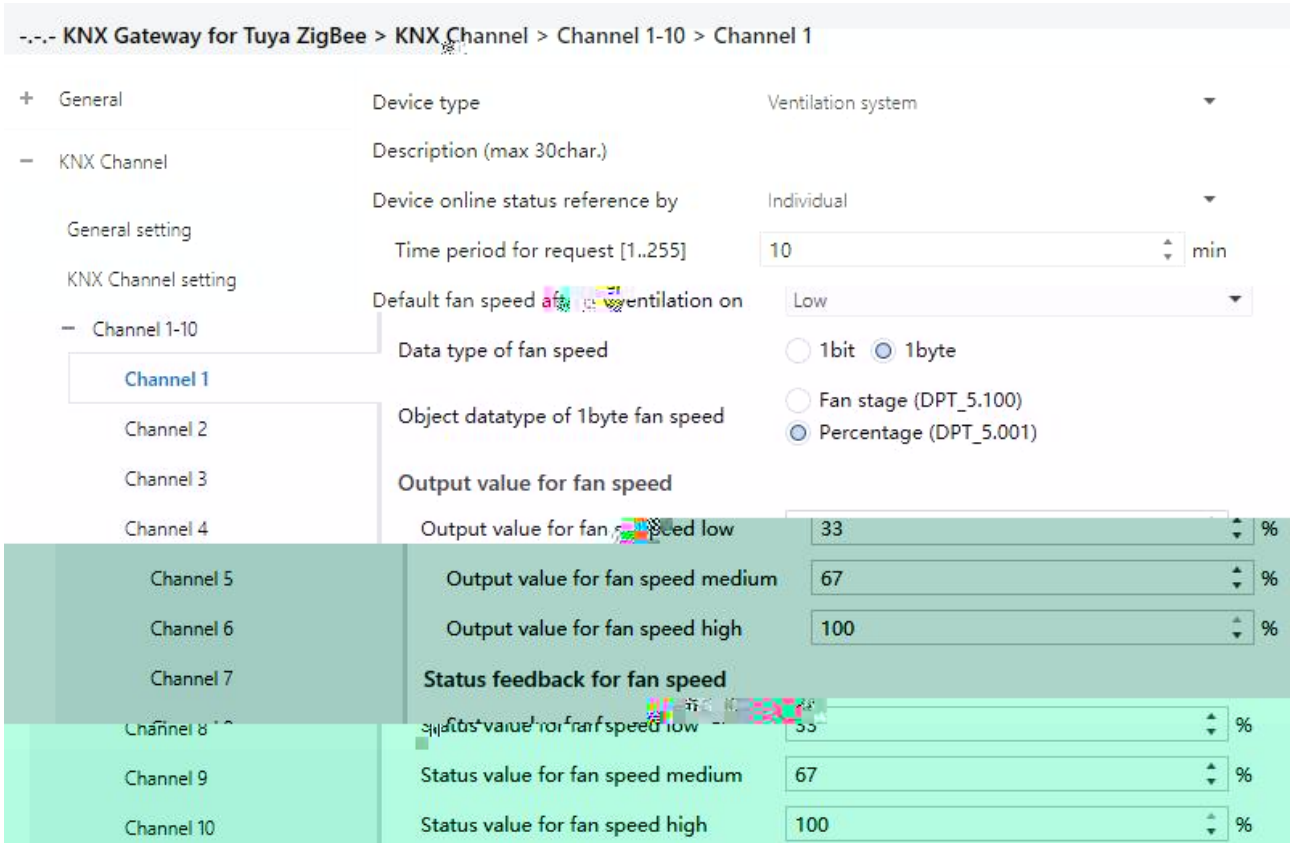

Output value for Fan speed low
68
%
Output value for Fan speed medium
67
%
Output value for Fan speed high
100
%

k k k

k

k k

k k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 9
Channel 10
Device type
Ventilation system
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Low
Data type of fan speed
1bit
1byte
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed
Output value for fan speed low
33
Output value for fan speed medium
67
Output value for fan speed high
100
Status feedback for fan speed
Status value for fan speed medium
67
Status value for fan speed high
100

k □

k ! ! !

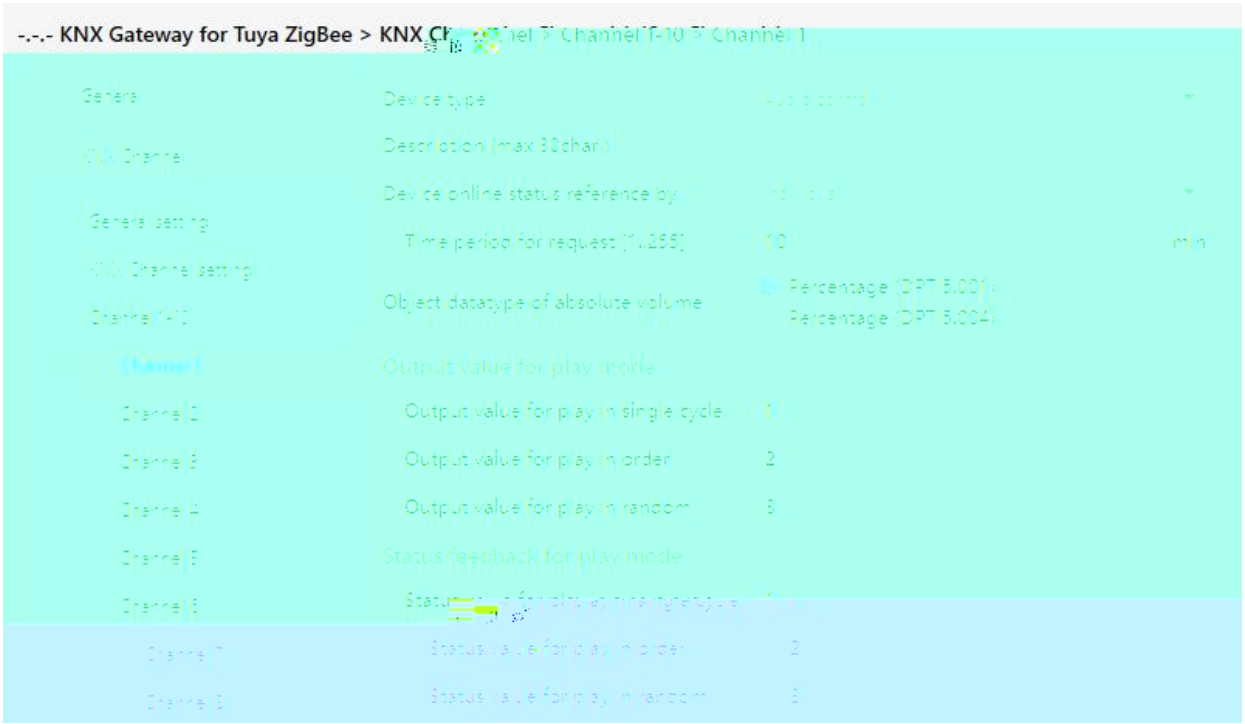
k k

k

k

k

k


-.-.- KNX Gateway for Tuya ZigBee > KNX Ch
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 8
Channel 9
Channel 10
Genera
Genera setting
Channel setting
Device type
Description (max 30char)
Device online status reference by
Time period for request [1..255]
10
min
Object datatype of absolute volume
Percentage (DPT 5.001)
Percentage (DPT 5.004)
Output value for play mode
Output value for play in single cycle
1
Output value for play in order
2
Output value for play in random
3
Status feedback for play mode
Status value for play in single cycle
Status value for play in order
2
Status value for play in random
3

k

k

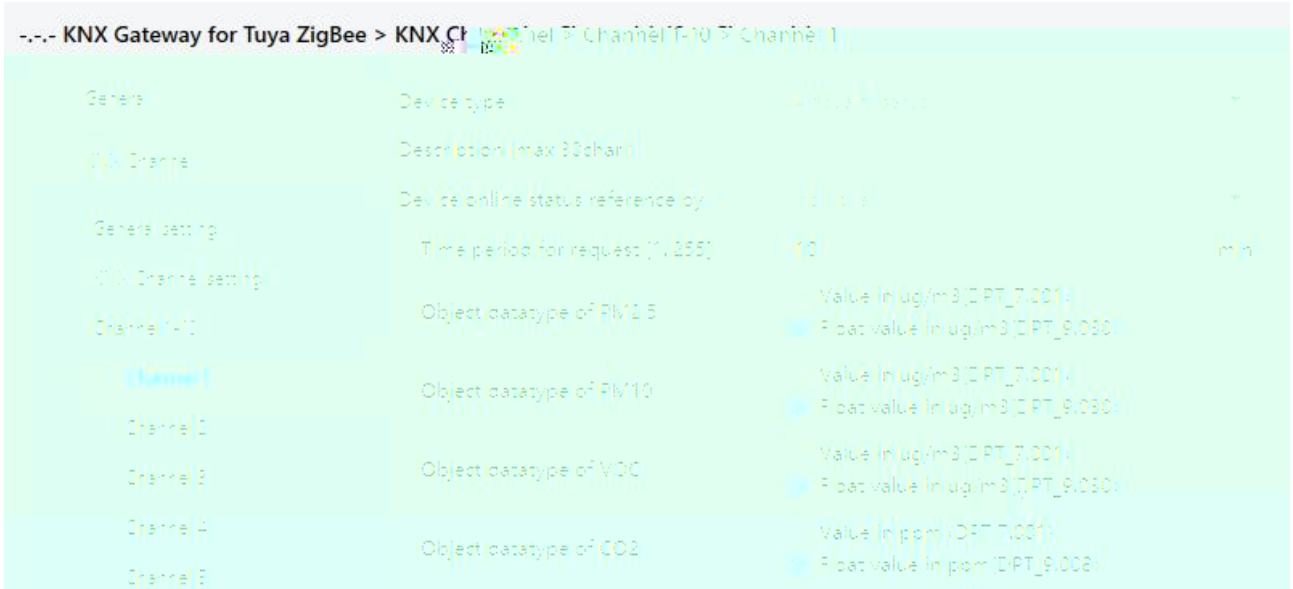
k

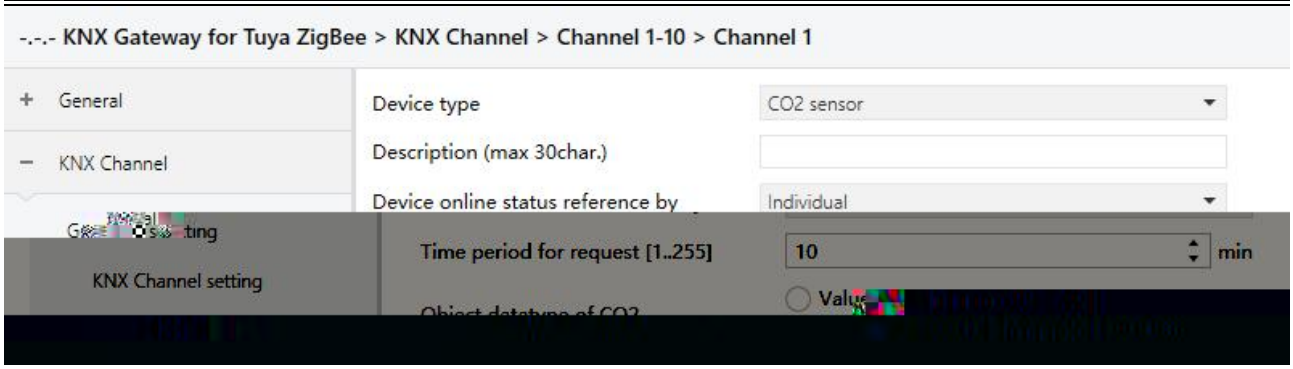
k

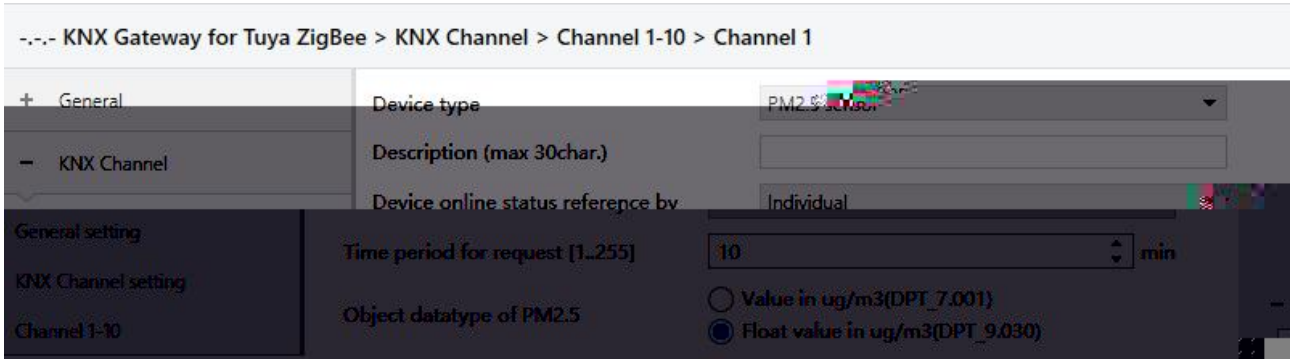
k

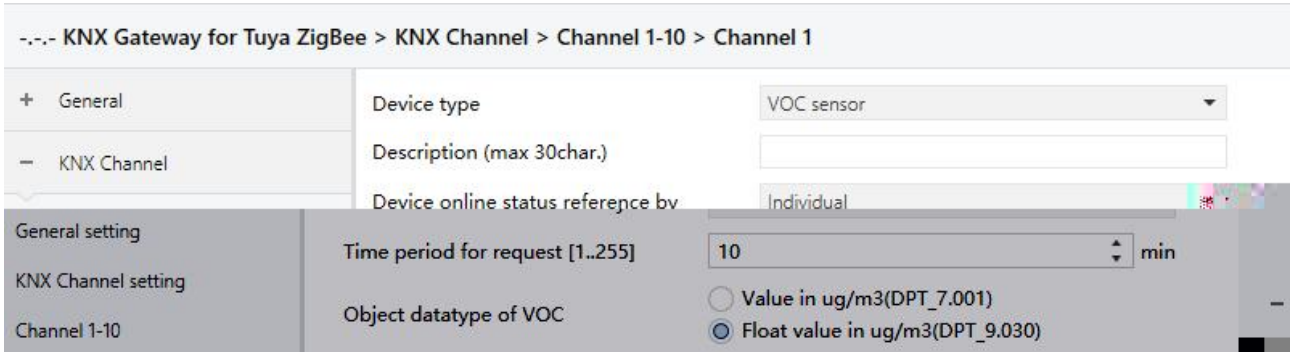
! ! ! !

k

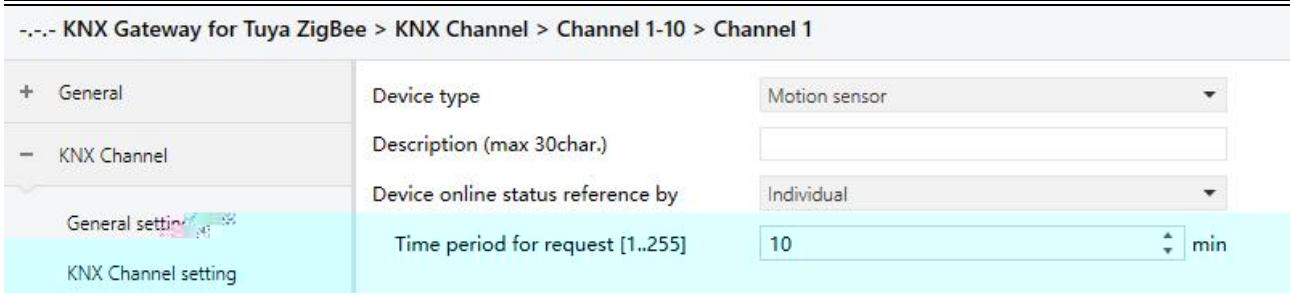

-.-.- KNX Gateway for Tuya ZigBee > KNX Ch
Channel 2
Channel 10
Channel 1
Genera
Device type
Description (max 30char)
Device online status reference cy
Genera setting
Time period for request [1..255]
10
min
Channe setting
Channel -1
Object datatype of PM2.5
Value in ug/m3 (DPT_7.001)
Float value in ug/m3 (DPT_9.030)
Channel
Object datatype of PM10
Value in ug/m3 (DPT_7.001)
Float value in ug/m3 (DPT_9.030)
Channel 2
Object datatype of VOC
Value in ug/m3 (DPT_7.001)
Float value in ug/m3 (DPT_9.030)
Channel 3
Object datatype of CO2
Value in ppm (DPT_7.001)
Float value in ppm (DPT_9.008)
Channel 4
Channel 5

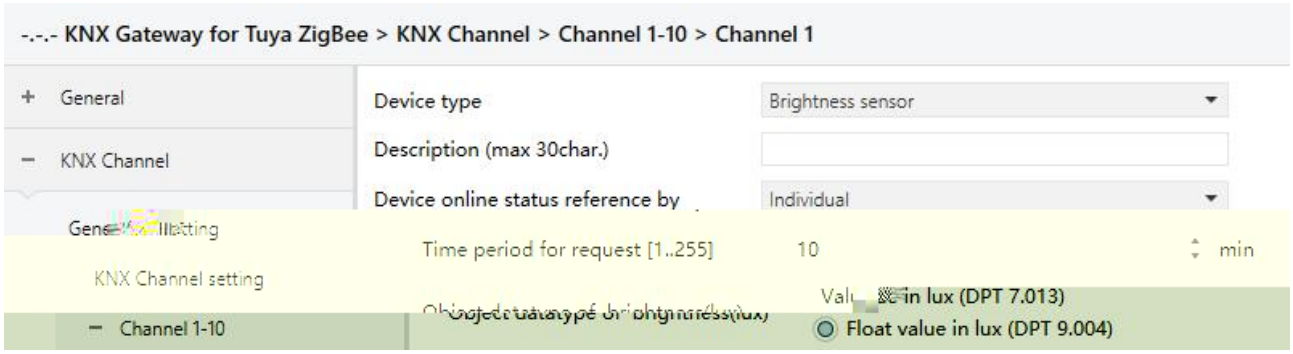

-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
KNX Channel setting
Device type
CO2 sensor
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Device type
Description (max 30char.)
Individual
Time period for request [1..255]
10
min
Object datatype of PM2.5
Value in ug/m3(DPT_7.001)
Float value in ug/m3(DPT_9.030)


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Device type
VOC sensor
Description (max 30char.)
Individual
Time period for request [1..255]
10
min
Object datatype of VOC
Value in ug/m3(DPT_7.001)
Float value in ug/m3(DPT_9.030)


General
KNX Channel
Device type
Presence sensor
Description (max 30char.)


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Device type
Motion sensor
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
KNX Channel setting
Channel 1-10
Device type
Brightness sensor
Description (max 30char.)
Device online status reference by
Individual
Time period for request [1..255]
10
min
Float value in lux (DPT 9.004)


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
Device type
I/O signal
Description (max 30char.)

k k

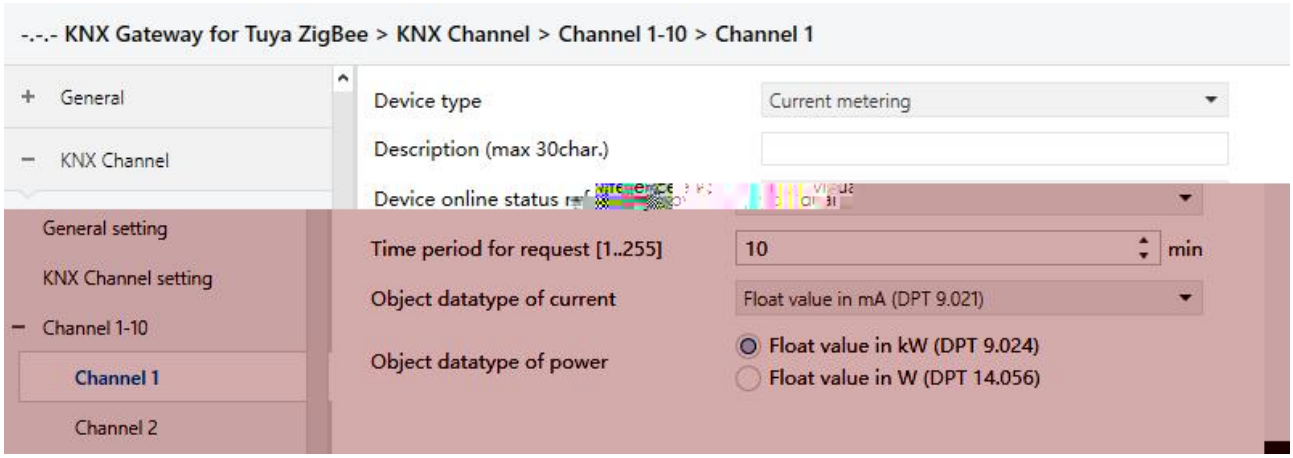
k k

k k

k k

k k

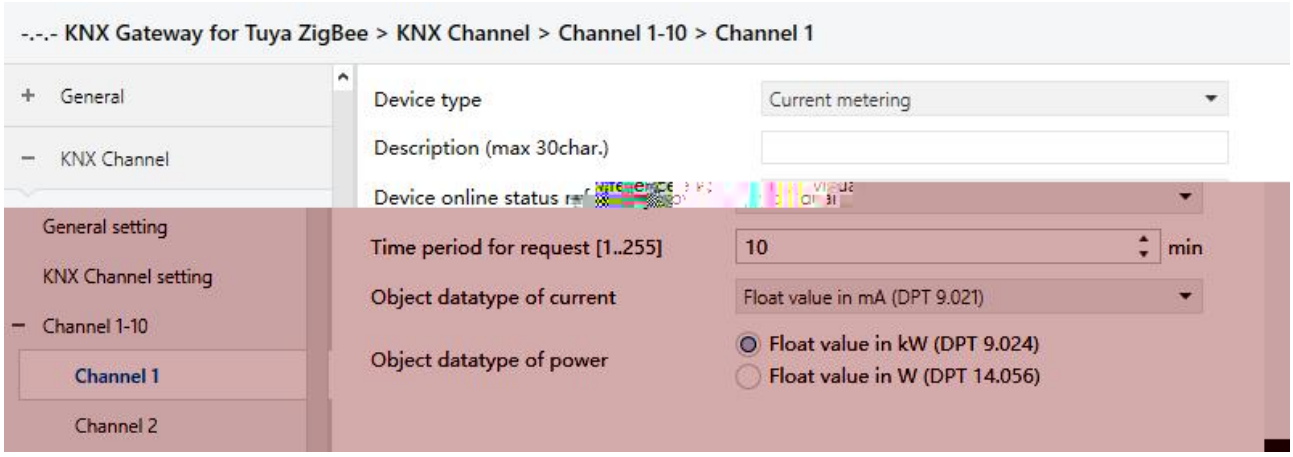
k k


-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Channel 1
Channel 2
Device type
Current metering
Description (max 30char.)
Time period for request [1..255]
10
min
Object datatype of current
Float value in mA (DPT 9.021)
Object datatype of power
Float value in kW (DPT 9.024)
Float value in W (DPT 14.056)

k

k

k k

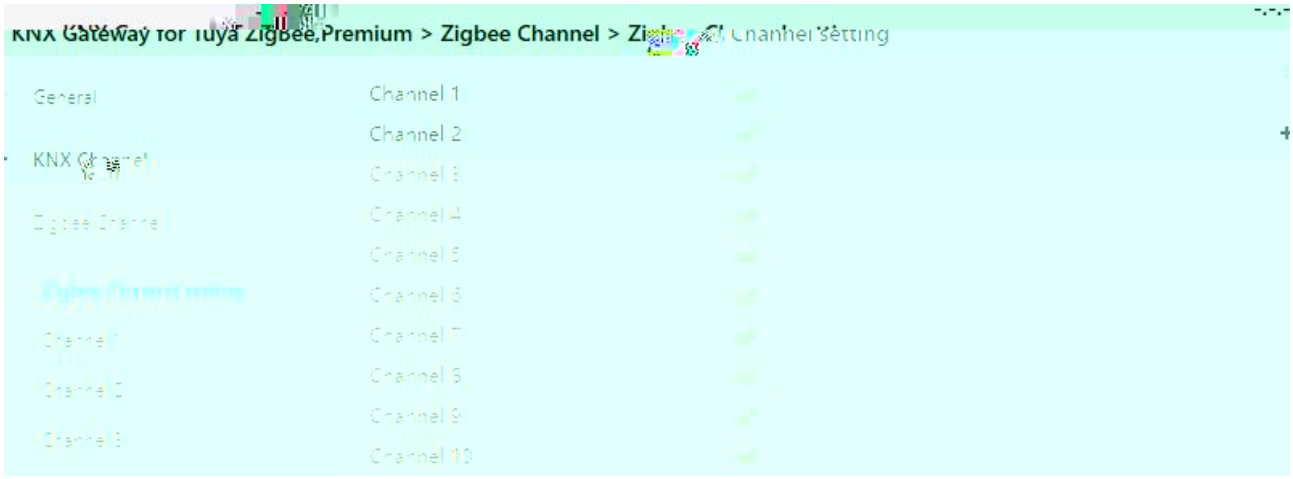

-.-.- KNX Gateway for Tuya ZigBee > KNX Channel > Channel 1-10 > Channel 1
General
KNX Channel
General setting
KNX Channel setting
Channel 1-10
Channel 1
Channel 2
Device type
Current metering
Description (max 30char.)
Time period for request [1..255]
10
min
Object datatype of current
Float value in mA (DPT 9.021)
Object datatype of power
Float value in kW (DPT 9.024)
Float value in W (DPT 14.056)

k

k

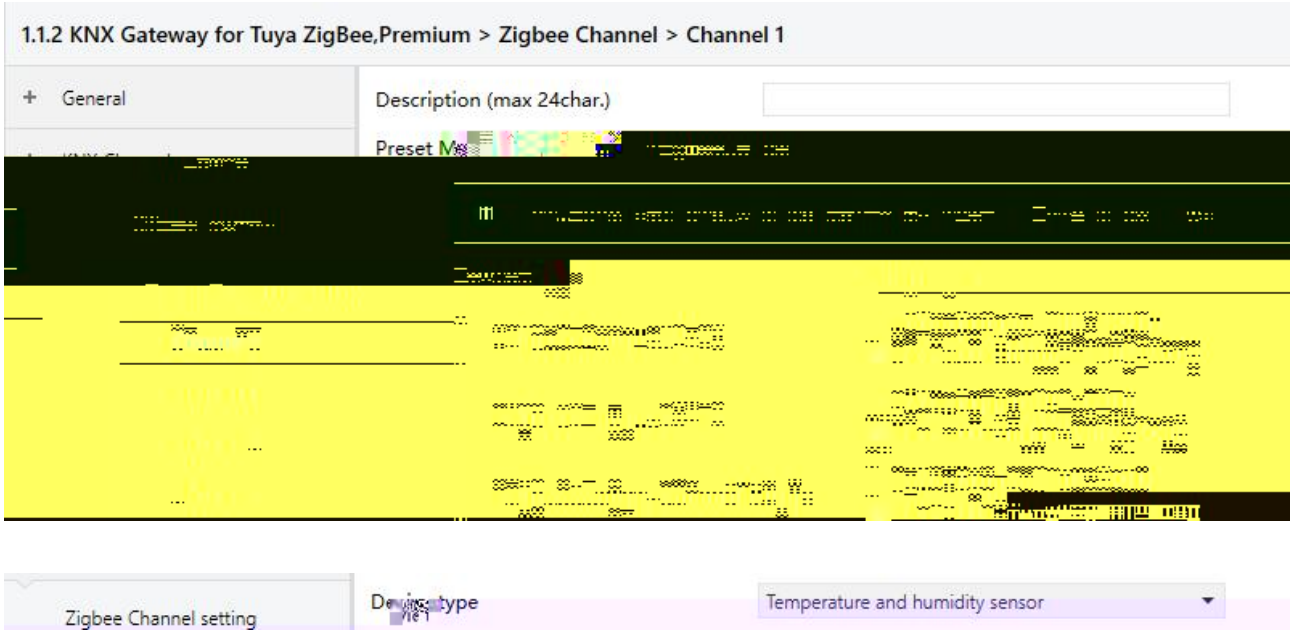
k

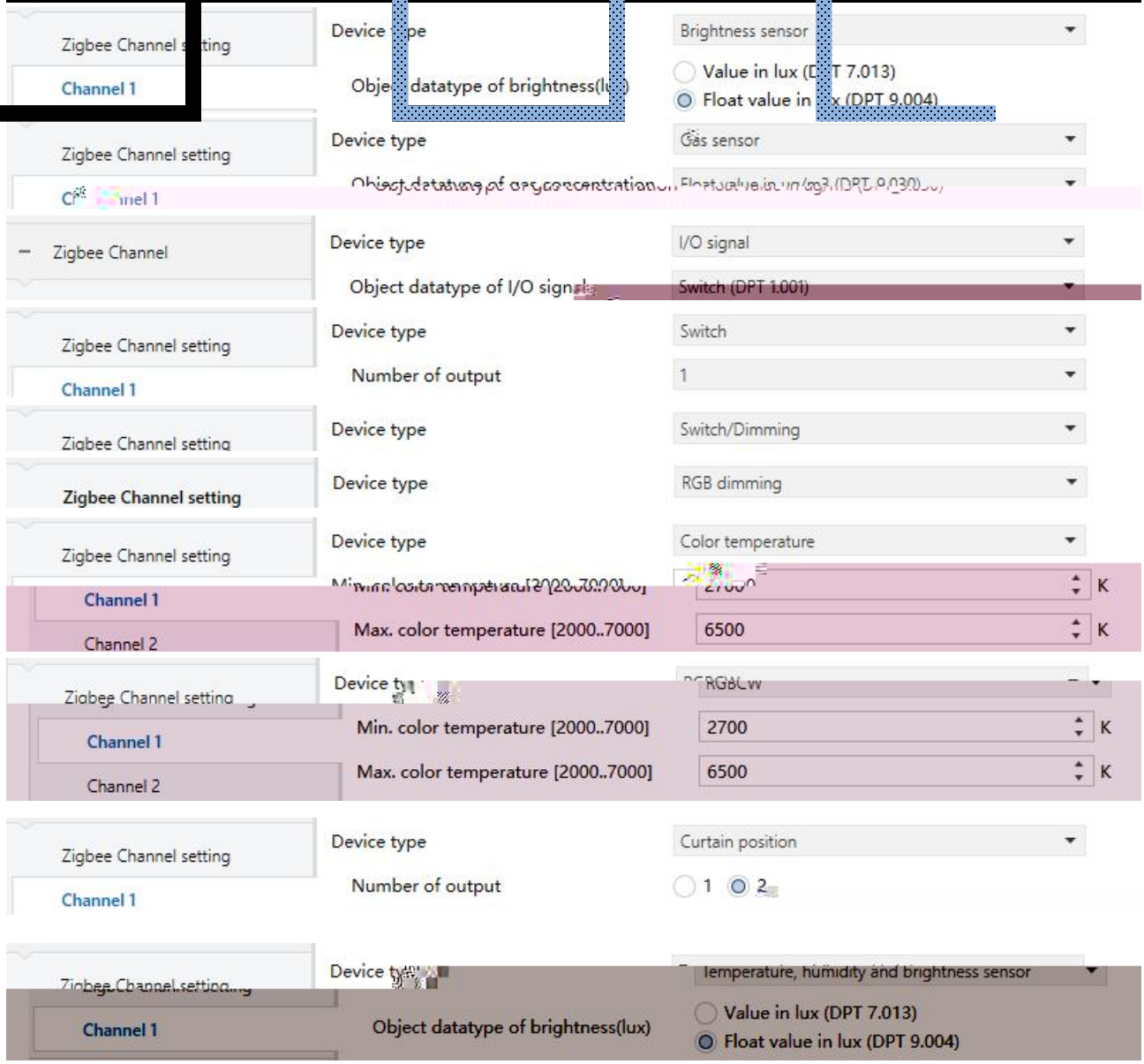
k


Channel 1
Channel 2

k k

k


1.1.2 KNX Gateway for Tuya ZigBee,Premium > Zigbee Channel > Channel 1
General
Description (max 24char.)
Zigbee Channel setting
Temperature and humidity sensor


Zigbee Channel setting
Channel 1
Device type
Brightness sensor
Object datatype of brightness(lux)
Value in lux (DPT 7.013)
Float value in lux (DPT 9.004)
Zigbee Channel setting
Device type
Gas sensor
Zigbee Channel
Device type
I/O signal
Object datatype of I/O signal
Switch (DPT 1.001)
Zigbee Channel setting
Channel 1
Device type
Switch
Number of output
1
Zigbee Channel setting
Device type
Switch/Dimming
Zigbee Channel setting
Device type
RGB dimming
Zigbee Channel setting
Channel 1
Channel 2
Device type
Color temperature
Max. color temperature [2000..7000]
6500
K
Zigbee Channel setting
Channel 1
Channel 2
Min. color temperature [2000..7000]
2700
Max. color temperature [2000..7000]
6500
K
Zigbee Channel setting
Channel 1
Device type
Curtain position
Number of output
1
2
Channel 1
Temperature, humidity and brightness sensor
Object datatype of brightness(lux)
Value in lux (DPT 7.013)
Float value in lux (DPT 9.004)

k

k k

k k

k k

k

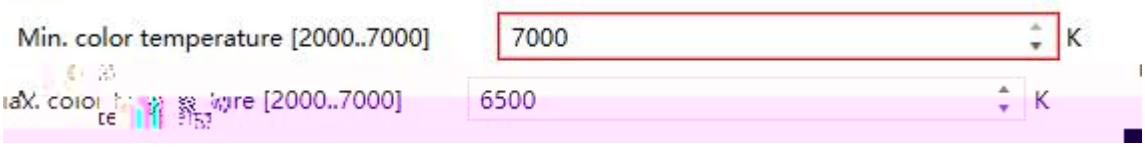
k

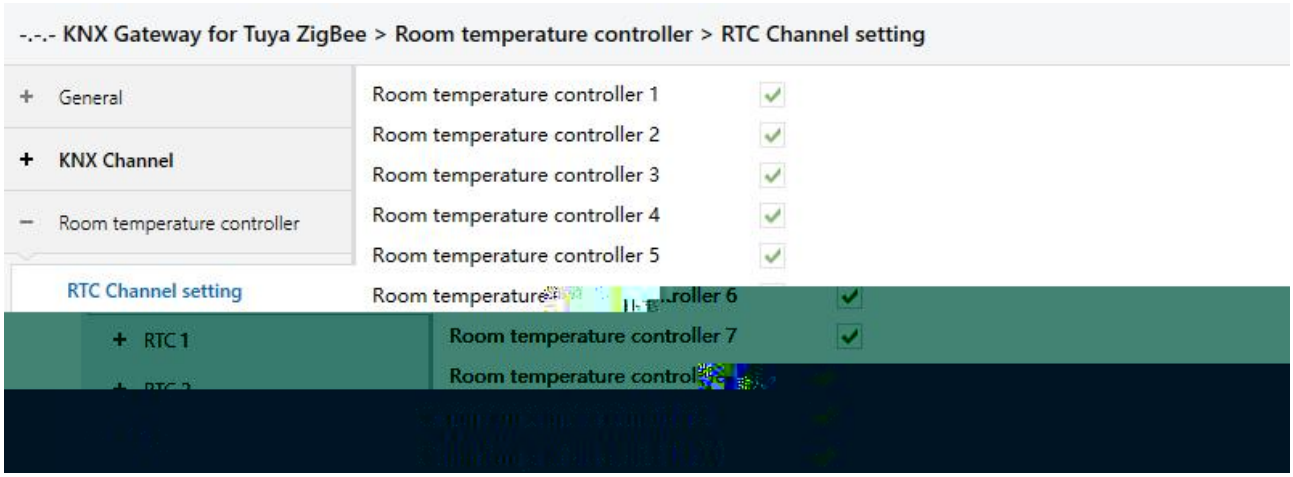
k k

k k

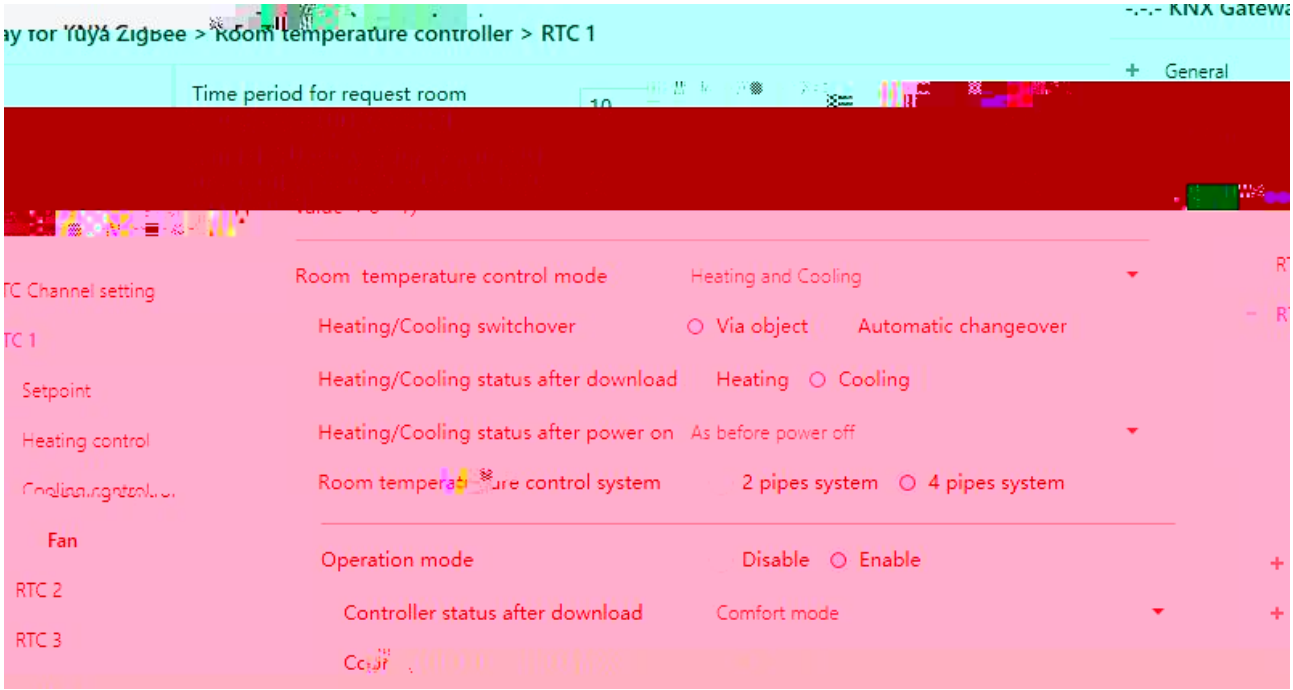
k k

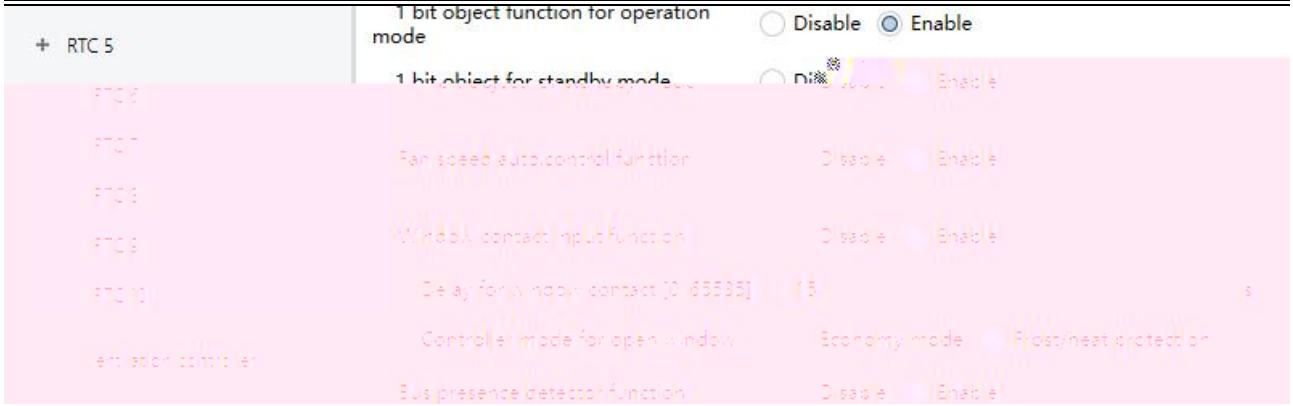
k k




-.-.- KNX Gateway for Tuya ZigBee > Room temperature controller > RTC Channel setting
General
KNX Channel
Room temperature controller
RTC Channel setting
RTC 1
Room temperature controller 1
Room temperature controller 2
Room temperature controller 3
Room temperature controller 4
Room temperature controller 5
Room temperature
roller 6
Room temperature controller 7
Room temperature control

k k


Time period for request room
General
Room temperature control mode
Heating and Cooling
Heating/Cooling switchover
Via object
Automatic changeover
Heating/Cooling status after download
Heating
Cooling
Heating/Cooling status after power on
As before power off
2 pipes system
4 pipes system
Operation mode
Disable
Enable
Controller status after download
Comfort mode
Setpoint
Heating control
Fan
RTC 1
RTC 2
RTC 3



k □

k

k

k

k

k ! k

k k

k

k

k

□ k

k

k

k

k

k

k

! !

k

k

k

k

k

k

k

k k

k

k

k

!

k k

k k

□ k □

□ k

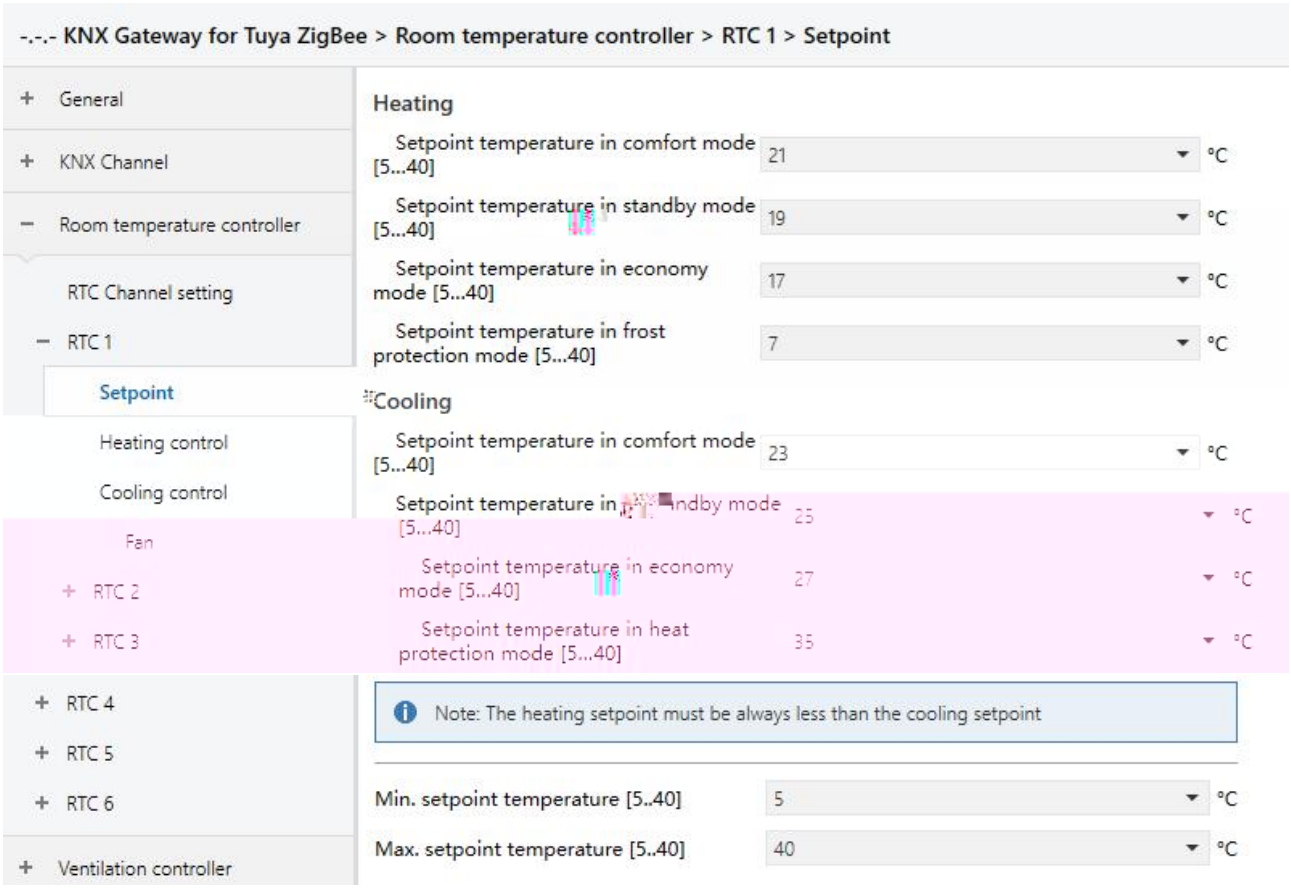
k

k k

k

k

k


-.-.- KNX Gateway for Tuya ZigBee > Room temperature controller > RTC 1 > Setpoint
General
KNX Channel
Room temperature controller
RTC Channel setting
RTC 1
Setpoint
Heating control
Cooling control
Fan
RTC 2
RTC 3
RTC 4
RTC 5
RTC 6
Ventilation controller
Heating
Setpoint temperature in comfort mode [5...40]
21
°C
Setpoint temperature in standby mode [5...40]
19
°C
Setpoint temperature in economy mode [5...40]
17
°C
Setpoint temperature in frost protection mode [5...40]
7
°C
Cooling
Setpoint temperature in comfort mode [5...40]
23
°C
Setpoint temperature in standby mode [5...40]
25
°C
Setpoint temperature in economy mode [5...40]
27
°C
Setpoint temperature in heat protection mode [5...40]
35
°C
Note: The heating setpoint must be always less than the cooling setpoint
Min. setpoint temperature [5..40]
5
°C
Max. setpoint temperature [5..40]
40
°C

k k

-

-

-

-

k

Note: The h

k

k

k

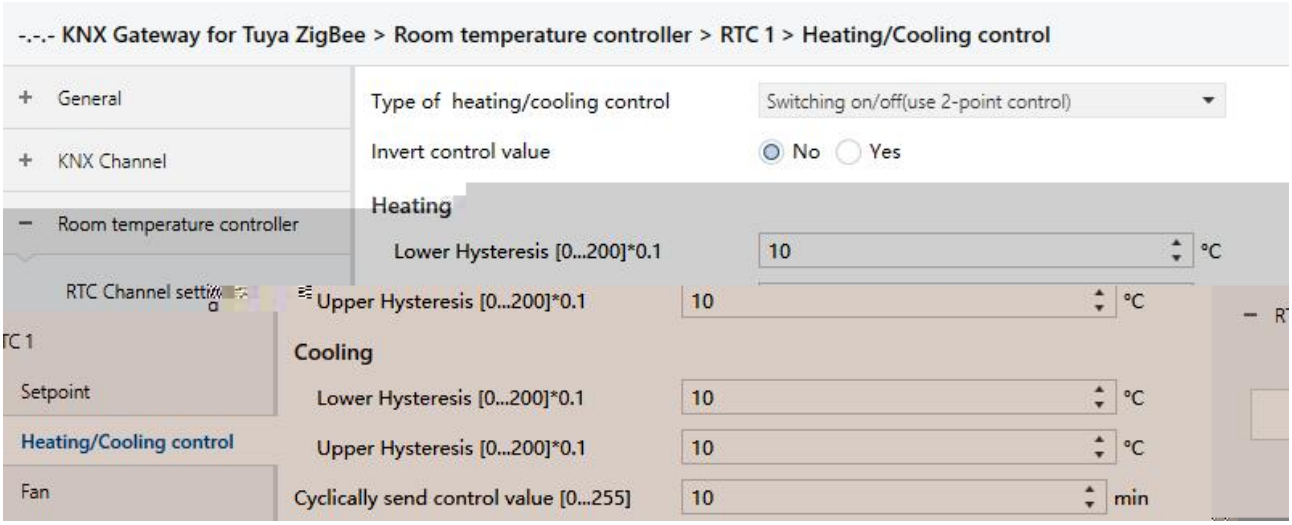
k

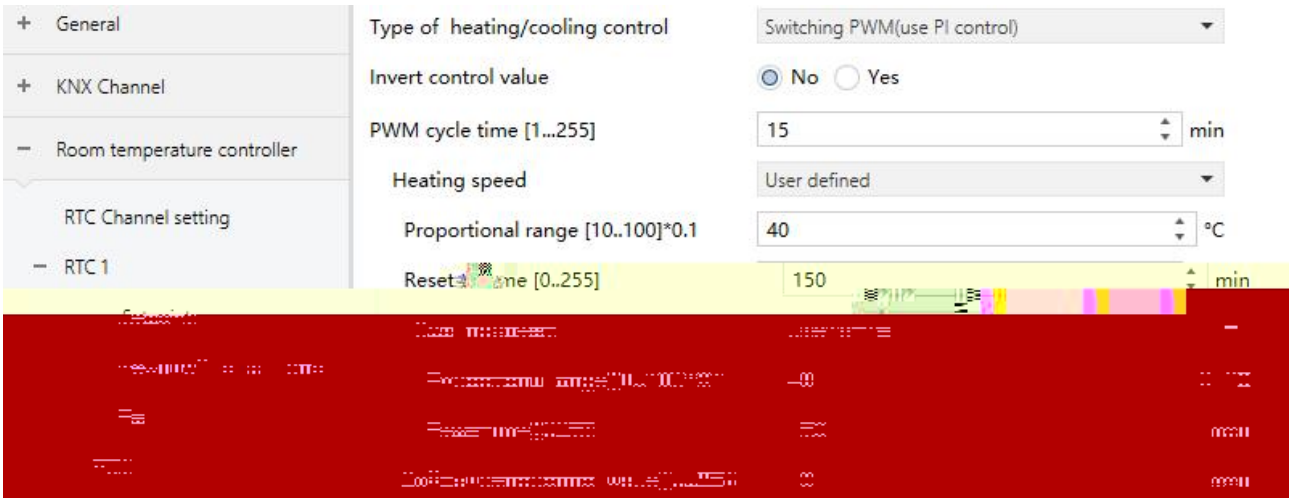
The setpoint is less than minimum,so minimum will regard as setpoint in fact

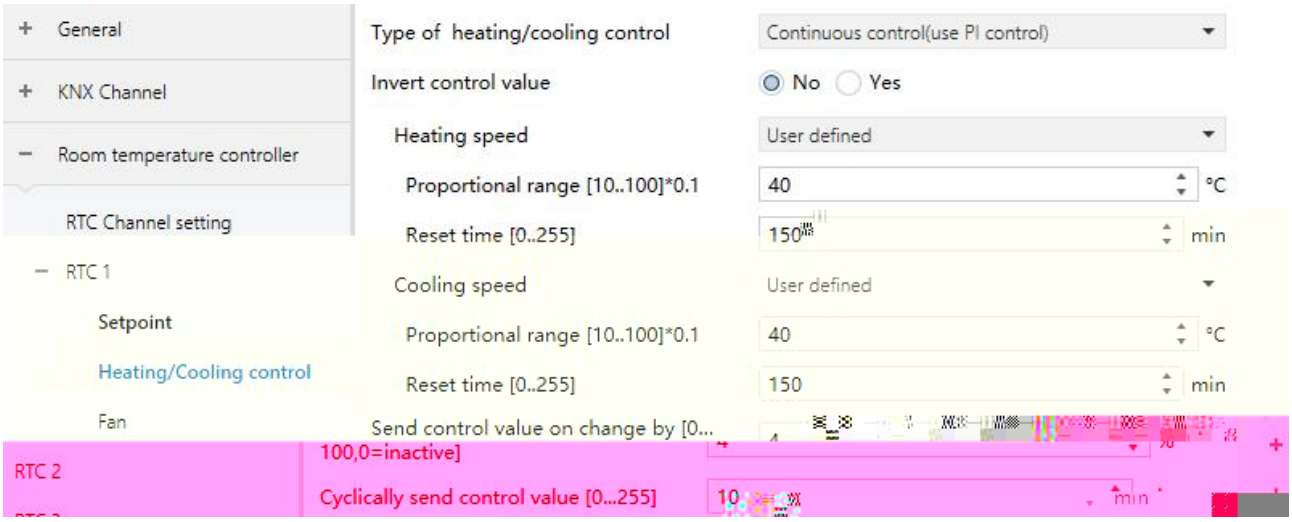
The setpoint is greater than maximum,so maximum will regard as setpoint in fact

k

k


-.-.- KNX Gateway for Tuya ZigBee > Room temperature controller > RTC 1 > Heating/Cooling control
General
KNX Channel
Room temperature controller
RTC Channel setting
RTC 1
Setpoint
Heating/Cooling control
Fan
Type of heating/cooling control
Switching on/off(use 2-point control)
Invert control value
No
Yes
Heating
Lower Hysteresis [0...200]*0.1
10
°C
Upper Hysteresis [0...200]*0.1
10
°C
Cooling
Lower Hysteresis [0...200]*0.1
10
°C
Upper Hysteresis [0...200]*0.1
10
°C
Cyclically send control value [0...255]
10
min


General
KNX Channel
Room temperature controller
RTC Channel setting
RTC 1
Type of heating/cooling control
Switching PWM(use PI control)
Invert control value
No
Yes
PWM cycle time [1...255]
15
min
Heating speed
User defined
Proportional range [10..100]*0.1
40
°C
Reset time [0..255]
150
min


General
KNX Channel
Room temperature controller
RTC Channel setting
RTC 1
Setpoint
Heating/Cooling control
Fan
RTC 2
Type of heating/cooling control
Continuous control(use PI control)
Invert control value
No
Yes
Heating speed
User defined
Proportional range [10..100]*0.1
40
°C
Reset time [0..255]
150
min
Cooling speed
User defined
Proportional range [10..100]*0.1
40
°C
Reset time [0..255]
150
min
Send control value on change by [0...
100,0=inactive]
Cyclically send control value [0...255]
10
min

k

k

k

□ k

k

k

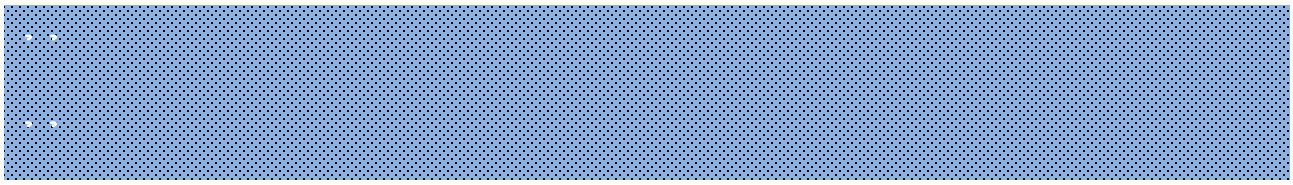
k

k

k

□

k



k k

k k

k

k

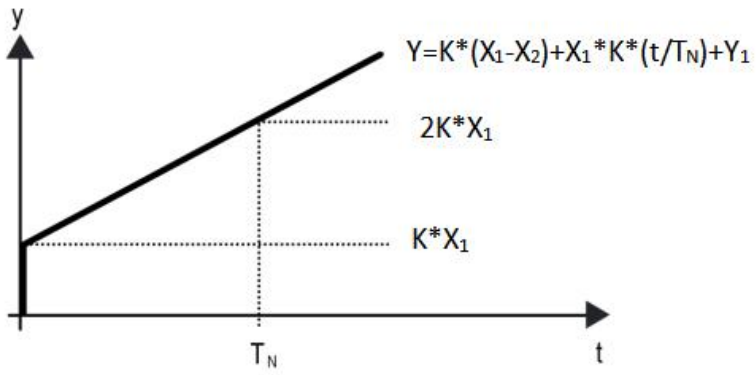
□ k

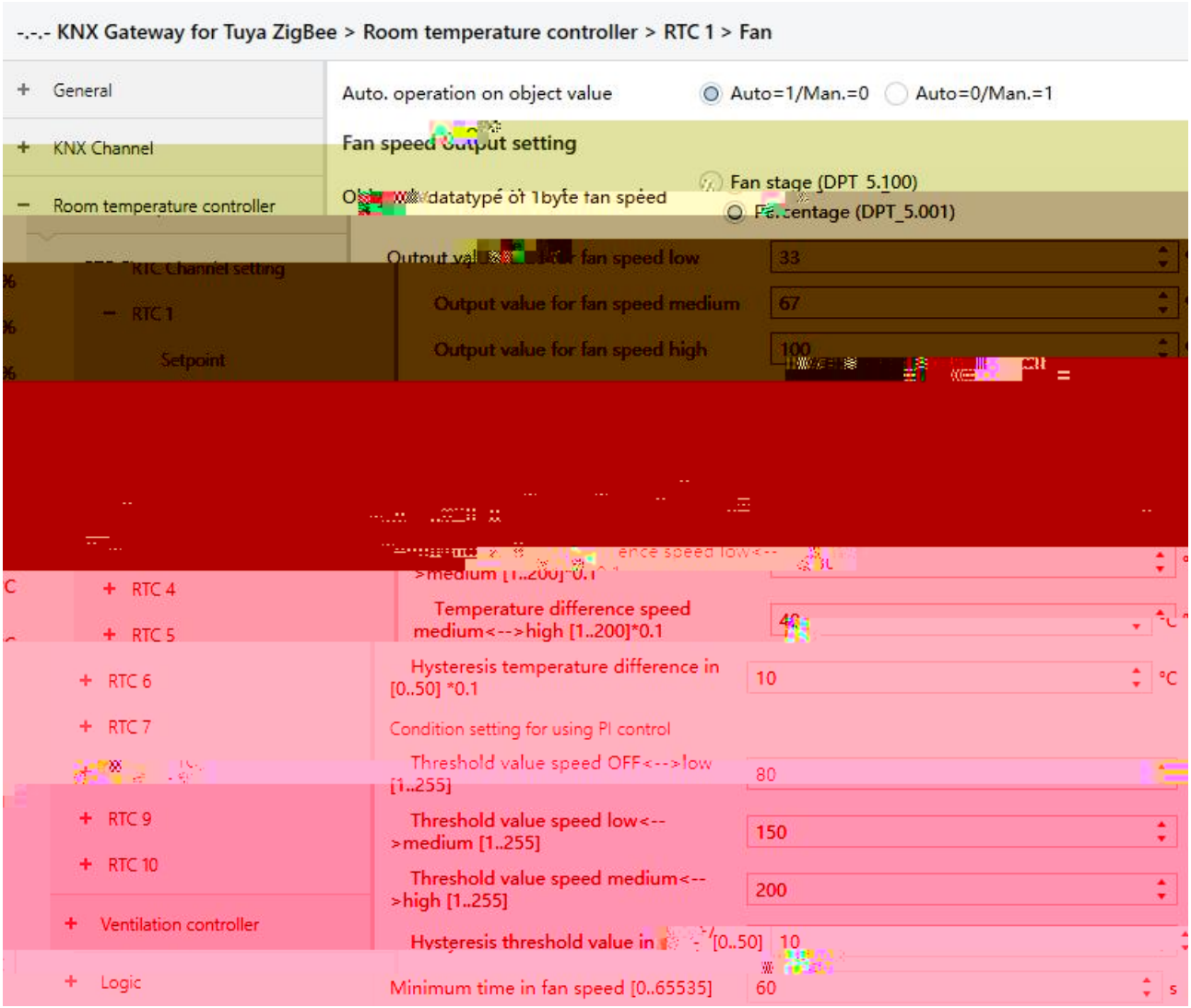
□ k

k

k

k k




-.-.- KNX Gateway for Tuya ZigBee > Room temperature controller > RTC 1 > Fan
General
KNX Channel
Room temperature controller
RTC 1
Setpoint
RTC 4
RTC 5
RTC 6
RTC 7
RTC 9
RTC 10
Ventilation controller
Logic
Auto. operation on object value
Auto=1/Man.=0
Auto=0/Man.=1
Fan speed output setting
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed low
33
Output value for fan speed medium
67
Output value for fan speed high
100
Temperature difference speed medium<-->high [1..200]*0.1
40
°C
Hysteresis temperature difference in [0..50] *0.1
10
°C
Condition setting for using PI control
Threshold value speed OFF<-->low [1..255]
80
Threshold value speed low<-->medium [1..255]
150
Threshold value speed medium<-->high [1..255]
200
Hysteresis threshold value in [0..50]
10
Minimum time in fan speed [0..65535]
60
s

k

k

k

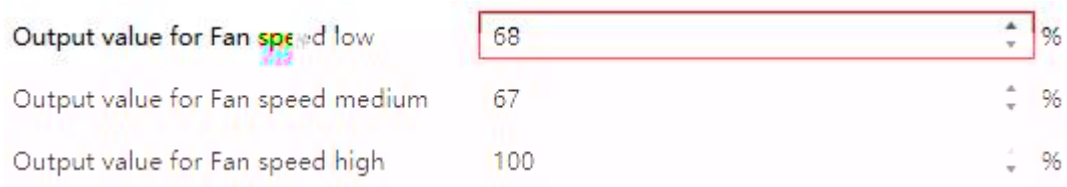
k

k

k

k

k


Output value for Fan speed low
68
%
Output value for Fan speed medium
67
%
Output value for Fan speed high
100
%

k

k

-

k

k

-

k

k

-

k

k

-

k

k k

□

k

k

k

k

k

k

k

k

k

k

k

k

k

k

k

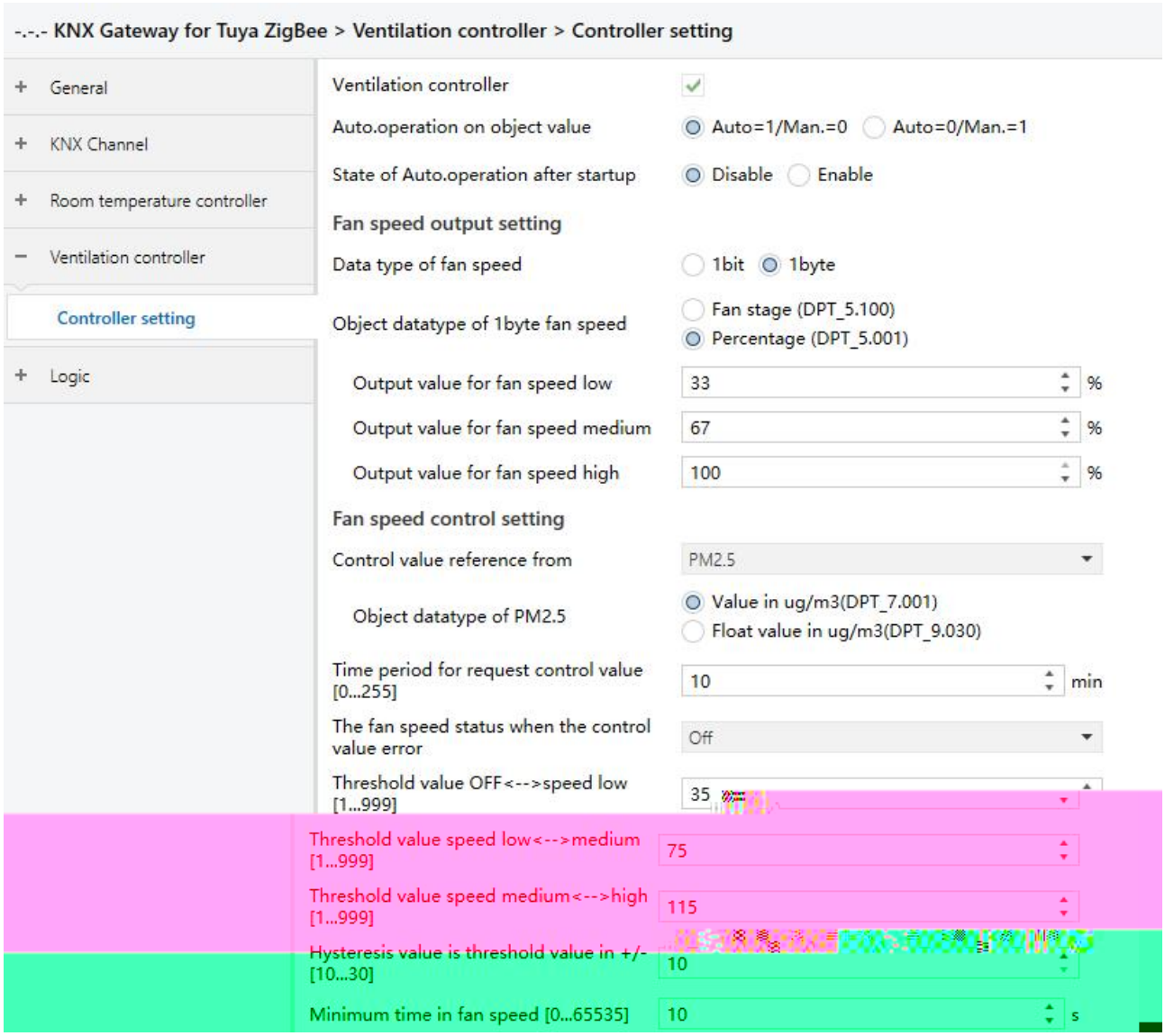
k

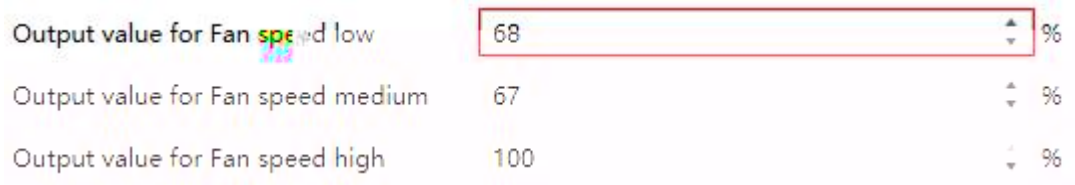
k

k

k

k


-.-.- KNX Gateway for Tuya ZigBee > Ventilation controller > Controller setting
+ General
+ KNX Channel
+ Room temperature controller
− Ventilation controller
Controller setting
+ Logic
Ventilation controller
Auto.operation on object value
Auto=1/Man.=0
Auto=0/Man.=1
State of Auto.operation after startup
Disable
Enable
Fan speed output setting
Data type of fan speed
1bit
1byte
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed low
33
%
Output value for fan speed medium
67
%
Output value for fan speed high
100
%
Fan speed control setting
Control value reference from
PM2.5
Object datatype of PM2.5
Value in ug/m3(DPT_7.001)
Float value in ug/m3(DPT_9.030)
Time period for request control value [0...255]
10
min
The fan speed status when the control value error
Off
Threshold value OFF<-->speed low [1...999]
35
Threshold value speed low<-->medium [1...999]
75
Threshold value speed medium<-->high [1...999]
115
Hysteresis value is threshold value in +/- [10...30]
10
Minimum time in fan speed [0...65535]
10
s


Output value for Fan speed low
68
%
Output value for Fan speed medium
67
%
Output value for Fan speed high
100
%

k k

k k

k

k

k

k

k

k

k

k

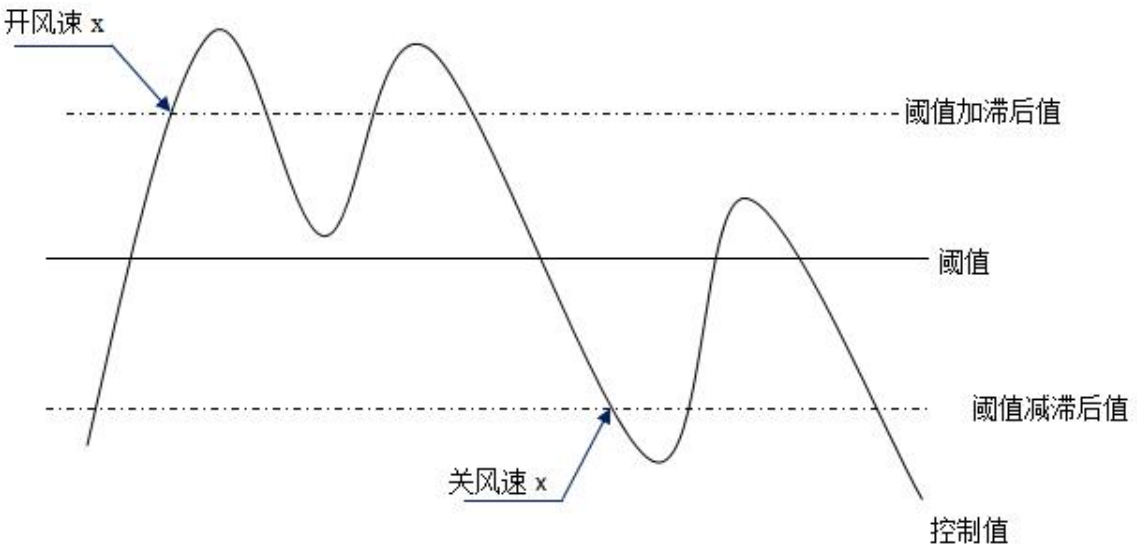
k

k

k

k

k



k

k

k

k

k

k

k

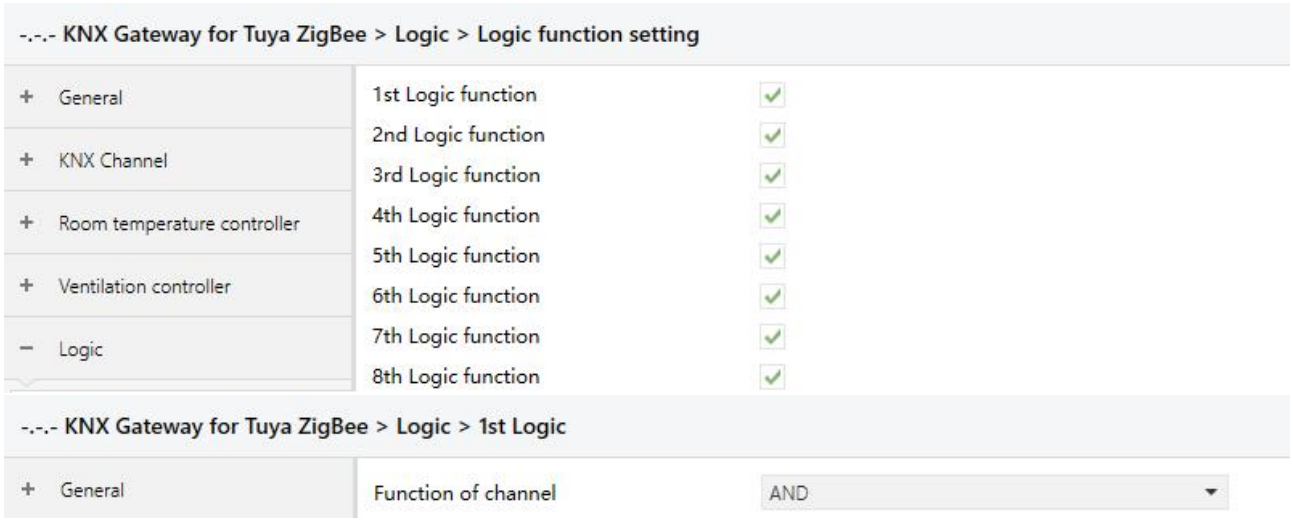
k

k

k

k

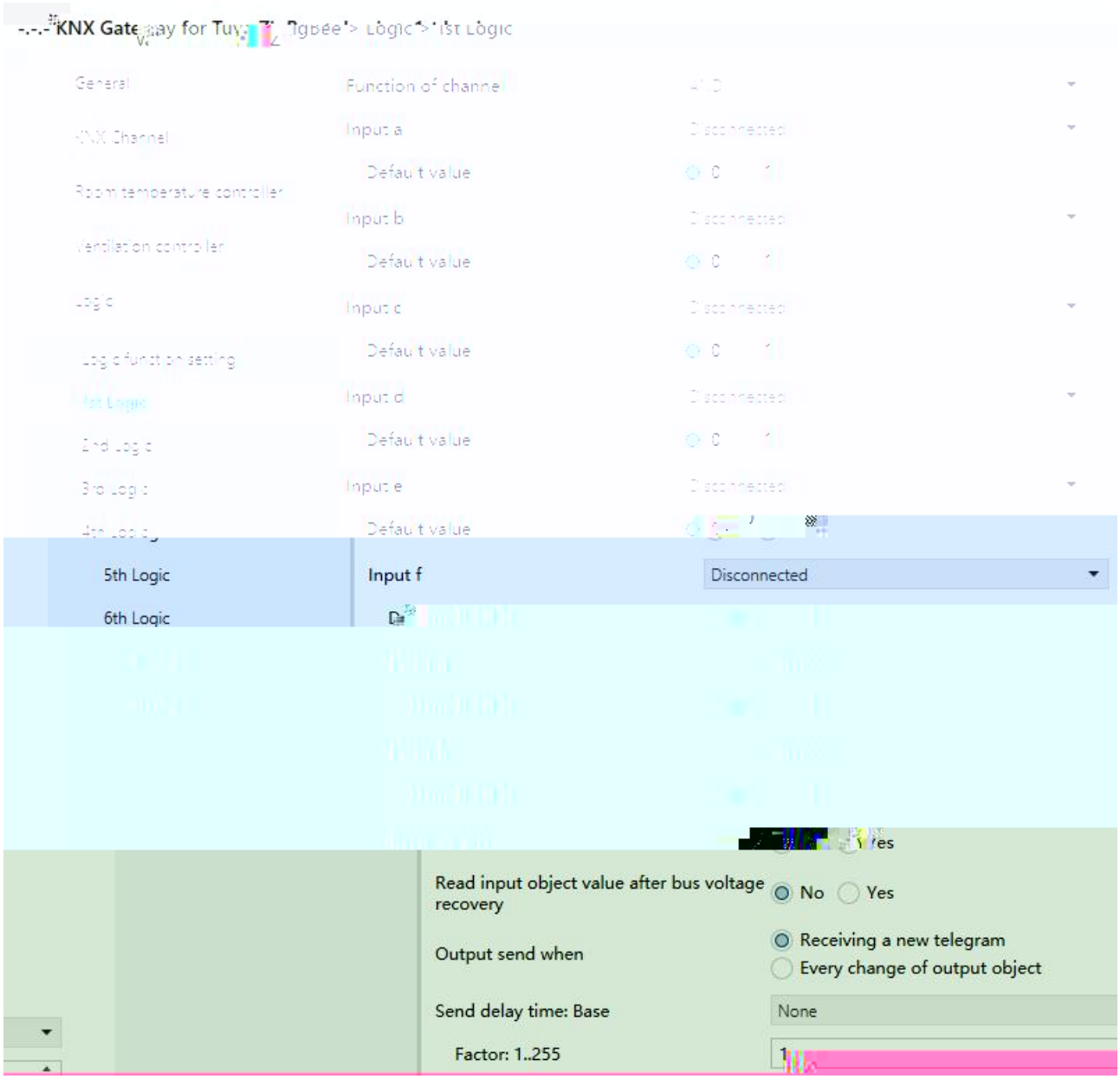
k


-.-.- KNX Gateway for Tuya ZigBee > Logic > Logic function setting
+ General
+ KNX Channel
+ Room temperature controller
+ Ventilation controller
− Logic
1st Logic function
2nd Logic function
3rd Logic function
4th Logic function
5th Logic function
6th Logic function
7th Logic function
8th Logic function
-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
+ General
Function of channel
AND

k k

k

k


KNX Gateway for Tuya ZigBee > Logic > 1st Logic
General
KNX Channel
Room temperature controller
Ventilation controller
Logic
Logic function setting
1st Logic
2nd Logic
3rd Logic
4th Logic
5th Logic
6th Logic
Function of channel
Input a
Default value
Input b
Default value
Input c
Default value
Input d
Default value
Input e
Default value
Input f
Disconnected
Read input object value after bus voltage recovery
No
Yes
Output send when
Receiving a new telegram
Every change of output object
Send delay time: Base
None
Factor: 1..255

k

k k

k

k

k

k

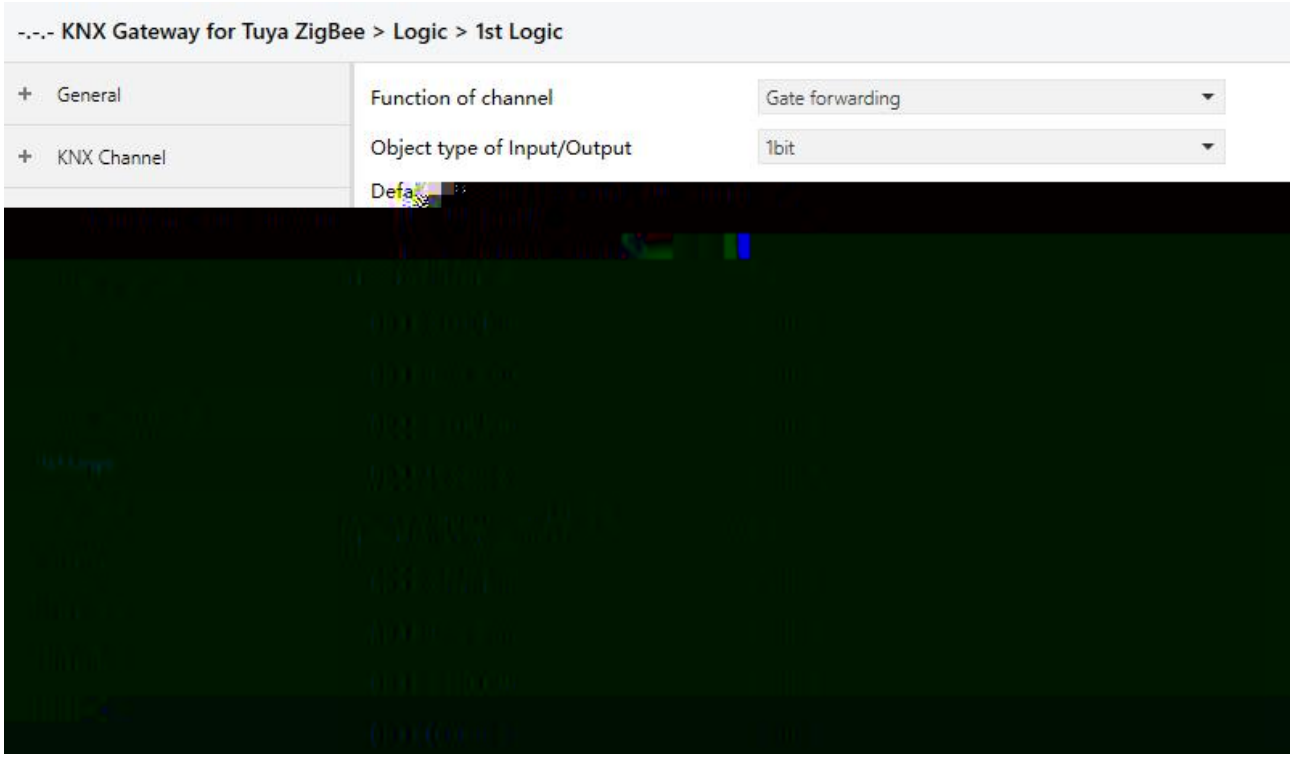
k

k

k

k

k k


-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
General
KNX Channel
Function of channel
Gate forwarding
Object type of Input/Output
1bit

k

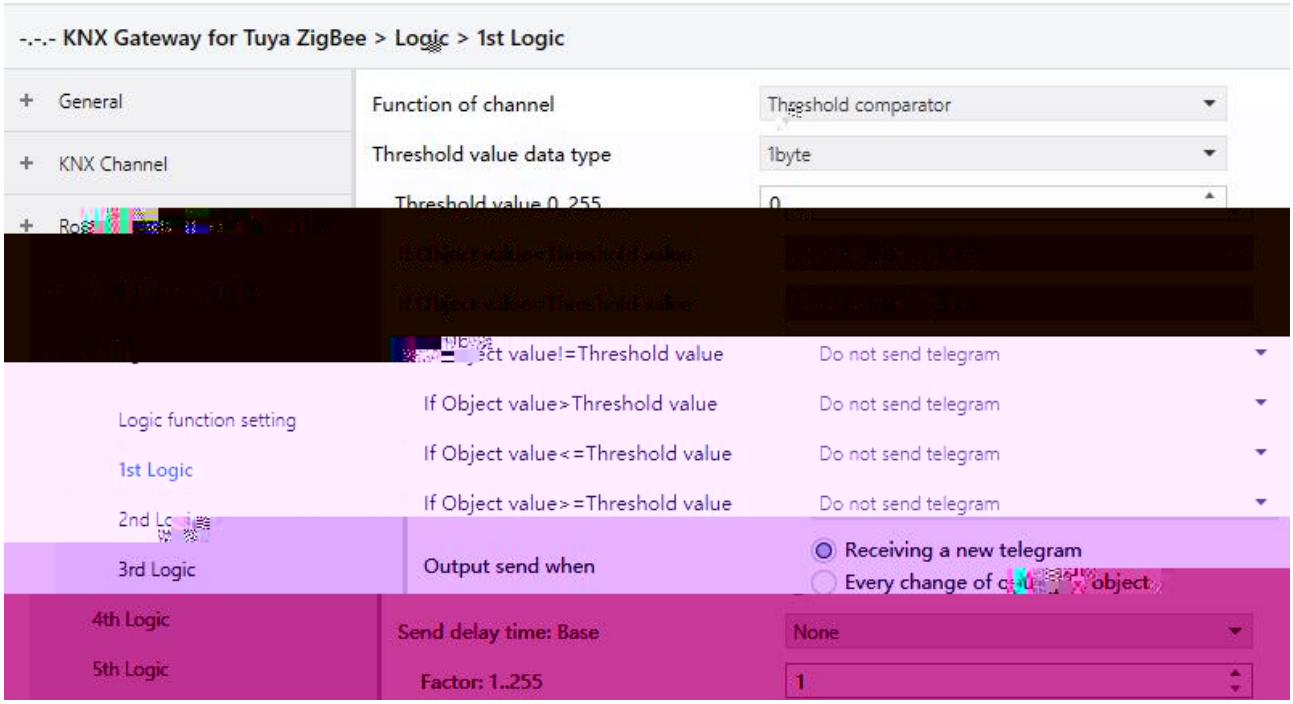
k

k

k k

k

k k


-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
General
KNX Channel
Function of channel
Threshold comparator
Threshold value data type
1byte
Threshold value 0..255
0
Logic function setting
1st Logic
2nd Logic
3rd Logic
4th Logic
5th Logic
If Object value!=Threshold value
Do not send telegram
If Object value>Threshold value
Do not send telegram
If Object value<=Threshold value
Do not send telegram
If Object value>=Threshold value
Do not send telegram
Output send when
Receiving a new telegram
Every change of object
Send delay time: Base
None
Factor: 1..255
1

k

k

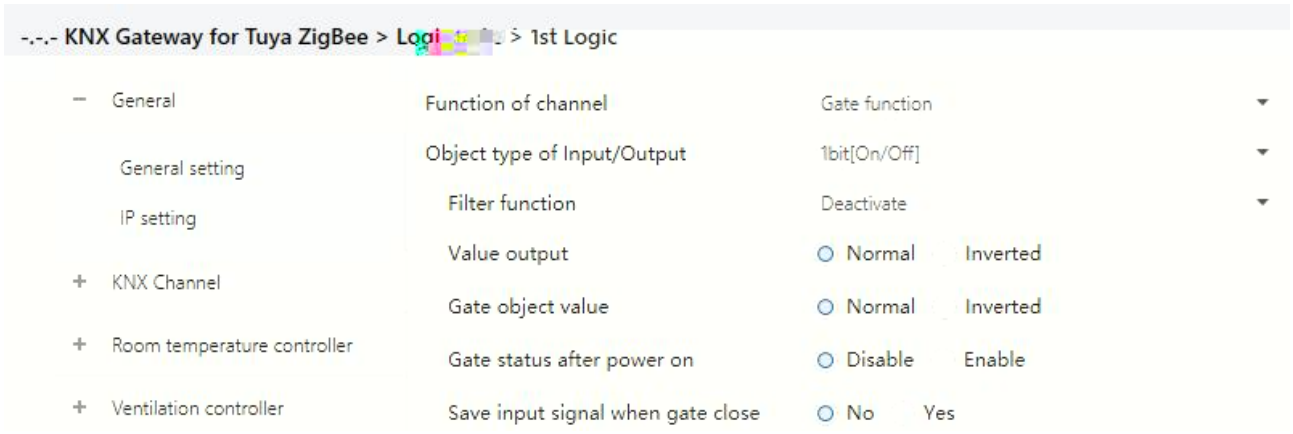
! ! ! !

k


-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
+ General
+ KNX Channel
+ Room temperature controller
Function of channel
Format convert
Function
2x1Bit-->1x2Bit
Output send when
Receiving a new telegram
Every change of output object

k

k


-.-.- KNX Gateway for Tuya ZigBee > Logi > 1st Logic
General
General setting
IP setting
KNX Channel
Room temperature controller
Ventilation controller
Function of channel
Gate function
Object type of Input/Output
1bit[On/Off]
Filter function
Deactivate
Value output
Normal
Inverted
Gate object value
Normal
Inverted
Gate status after power on
Disable
Enable
Save input signal when gate close
No
Yes

k

k

k

k

k

k

k

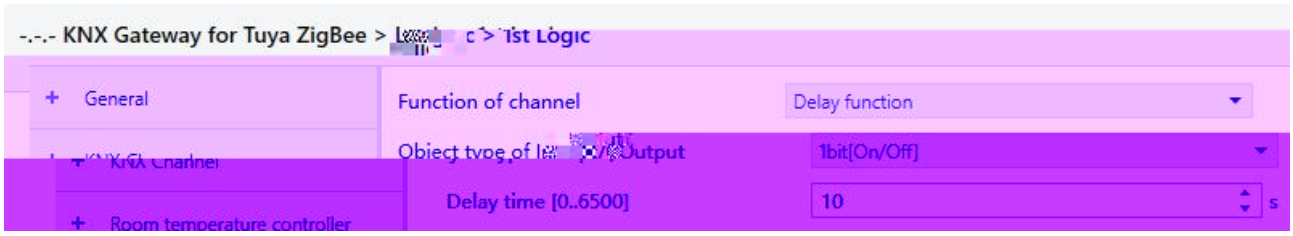
k

k

k

k

k

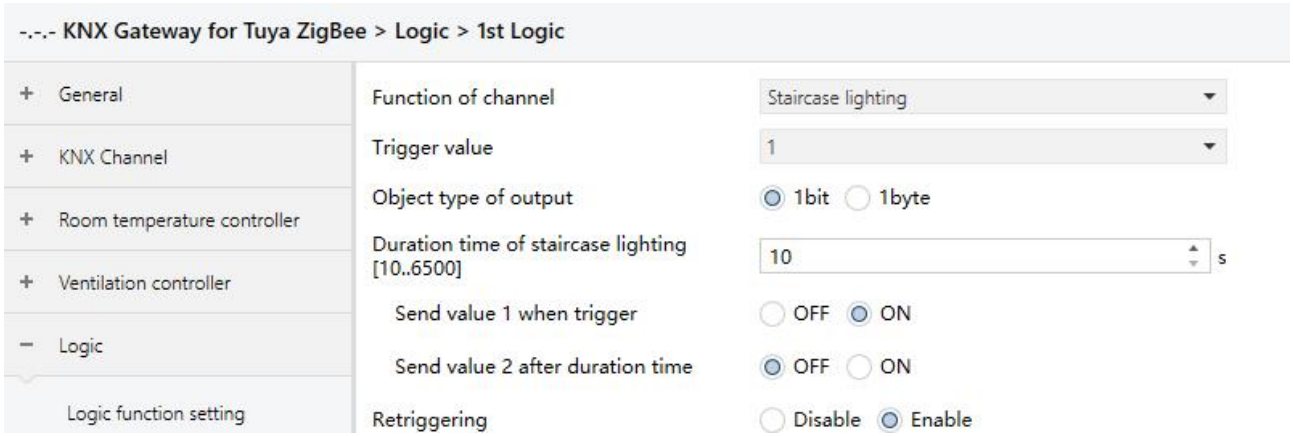

-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
General
KNX Channel
Room temperature controller
Function of channel
Delay function
Object type of Input/Output
1bit[On/Off]
Delay time [0..6500]
10
s

k

k

k

k


-.-.- KNX Gateway for Tuya ZigBee > Logic > 1st Logic
General
KNX Channel
Room temperature controller
Ventilation controller
Logic
Logic function setting
Function of channel
Staircase lighting
Trigger value
1
Object type of output
1bit
1byte
Duration time of staircase lighting [10..6500]
10
s
Send value 1 when trigger
OFF
ON
Send value 2 after duration time
OFF
ON
Retriggering
Disable
Enable

k

k

k

k

k

k

k

k

□ □ k

□

□ k


Number
Nam
Object Function
Description
Group Address
Length
C
R
U
Data Type
Priori
1
General
In operation
1 bit
C R - T -
switch
Low

	□			k	

	Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
	300	KNX General	Device online common 1, status			1 bit	C	-	W	T	U	switch	Low
	301	KNX General	Device online common 2, status			1 bit	C	-	W	T			

			□		k
		k			□
		k			
			□		k
			k		
	k	k			

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Switch			1 bit	C	-		T		switch	Low
312	KNX: Channel 1	Switch, status			1 bit	C	-	W	T	U	switch	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori
311	KNX: Channel 1	Switch			1 bit	C	-	-	T	-	switch	Low
2	KNX: Channel 1	Brightness ing			1 byte	C	-	-	T	-	percentage (0..100%)	
Low												

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Switch			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Switch, status			1 bit	C	-	W	T	U	switch	Low
313	KNX: Channel 1	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
317	KNX: Channel 1	RGB brightness, status			3 bytes	C	-	W	T	U	RGB value 3x(0..255)	Low
313	KNX: Channel 1	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
314	KNX: Channel 1	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
315	KNX: Channel 1	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
317	KNX: Channel 1	Red brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
318	KNX: Channel 1	Green brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
319	KNX: Channel 1	Blue brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori
311	KNX: Channel 1	Switch			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Switch, status			1 bit	C	-	W	T	U	switch	Low
313	KNX: Channel 1	RGBW dimming value			6 bytes	C	-	-	T	-	RGBW value 4x(0..100%)	Low
	KNX: Channel 1	RGBW brightness, status			6 bytes	C	-	W	T	U	RGBW value 4x(0..100%)	Low
313	KNX: Channel 1	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
314	KNX: Channel 1	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
315	KNX: Channel 1	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
316	KNX: Channel 1	White dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
317	KNX: Channel 1	Red brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
318	KNX: Channel 1	Green brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
319	KNX: Channel 1	Blue brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	
Low	320	KNX: Channel 1	White brightness, status		1 byte	C	-	W	T	U	percentage (0..100%)	

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Switch			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Switch, status			1 bit	C	-	W	T	U	switch	Low
313	KNX: Channel 1	Color temperature value			2 bytes	C	-	-	T	-	absolute colour temperature (K)	Low
314	KNX: Channel 1	Brightness value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
317	KNX: Channel 1	Color temperature, status										

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Up/Down			1 bit	C	-	-	T	-	up/down	Low
2	KNX: Channel 1	Stop			1 bit	C	-	-	T	-	step	

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Open/Close			1 bit	C	-	-	T	-	open/close	Low
312	KNX: Channel 1	Stop			1 bit	C	-	-	T	-	step	Low
313	KNX: Channel 1	Blind position			1 byte	C	-	-	T	-	percentage (0..100%)	Low
315	KNX: Channel 1	Blind position, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Up/Down			1 bit	C	-	-	T	-	up/down	Low
312	KNX: Channel 1	Stop			1 bit							

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Up/Down			1 bit	C	-	-	T	-	open/close	Low
312	KNX: Channel 1	Stop/Slat adj.			1 bit	C	-	-	T	-	step	Low
313	KNX: Channel 1	Blind position			1 byte	C	-	-	T	-	percentage (0..100%)	Low
314	KNX: Channel 1	Slat position			1 byte	C	-	-	T	-	percentage (0..100%)	Low
315	KNX: Channel 1	Blind position, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
316	KNX: Channel 1	Slat position, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Trigger scene No.			1 byte	C	-	W	-	-	scene number	Low

! ! k □ k □ ! k					
k □ k k					

k

□ k

□ k

k

□ k

□ k

□

k

k

□ k

□

□

k

k

□ k

□ k

k

□ k

k

k ! ! k

□ k

, ,

, ,

□ k

, ,

k ! ! k

□ k

k

k ! ! ! k

□ k

□ k

□ k

□ k

k ! ! ! k

□ k

! k

k ! !

! ! k

! k

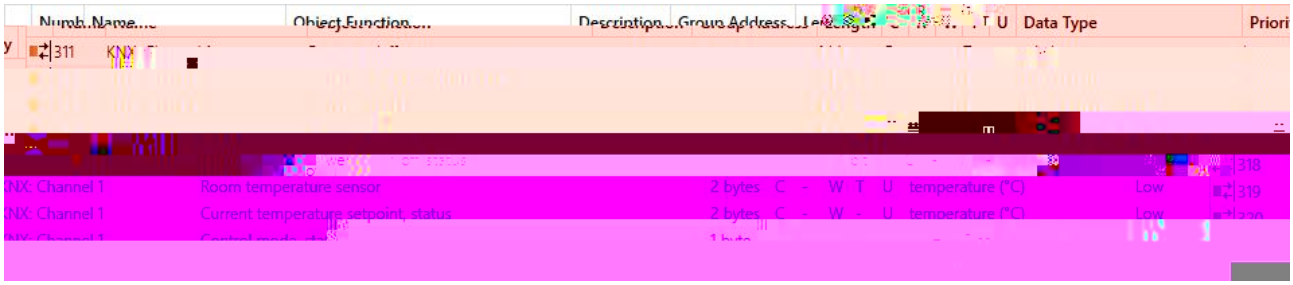
□ k

□ k

□ k

k

k


Numb. Name
Object Function
Description
Group Address
Length
C
R
W
T
U
Data Type
Priori
311
KNX
KNX: Channel 1
Room temperature sensor
2 bytes C - W T U temperature (°C)
Low
318
KNX: Channel 1
Current temperature setpoint, status
2 bytes C - W - U temperature (°C)
Low
319


Numb.
Name
Object Function
Des

□ □ k					
□ k					
□ k k					
□ k k					

k □ k					
□ k					
□ k					
□ k					
□ k k					
□ k k					
k □ k					

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Power on/off			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Current setpoint adjustment			2 bytes	C	-	-	T	-	temperature (°C)	Low
313	KNX: Channel 1	Heating/Cooling mode			1 bit	C	-	-	T	-	cooling/heating	Low
325	KNX: Channel 1	Power on/off, status			1 bit	C	-	W	-	-	switch	Low
326	KNX: Channel 1	Room temperature sensor			2 bytes	C	-	W	T	U	temperature (°C)	Low
327	KNX: Channel 1	Current temperature setpoint, status			2 bytes	C	-	W	-	U	temperature (°C)	Low
328	KNX: Channel 1	Heating/Cooling mode, status			1 bit	C	-	W	-	-	cooling/h	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Power on/off			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Current setpoint adjustment			2 bytes	C	-	-	T	-	temperature (°C)	Low
313	KNX: Channel 1	Heating/Cooling mode			1 bit	C	-	-	T	-	cooling/heating	Low
314	KNX: Channel 1	Operation mode			1 byte	C	-	-	T	-	HVAC mode	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Power on/off			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Current setpoint adjustment			2 bytes	C	-	-	T	-	temperature (°C)	Low
313	KNX: Channel 1	Heating/Cooling mode			1 bit	C	-	-	T	-	cooling/heating	Low
314	KNX: Channel 1	Operation mode			1 byte	C	-	-	T	-	HVAC mode	Low
319	KNX: Channel 1	Fan speed			1 byte	C	-	-	T	-	percentage (0..100%)	Low
320	KNX: Channel 1	Fan speed low			1 bit	C	-	-	T	-	switch	Low
337	KNX: Channel 1	Fan speed high, status			1 bit	C	-	W	-	-	switch	Low
339	KNX: Channel 1	Fan automatic operation, status			1 bit	C	-	W	-	-	enable	Low

□ k					
□ k					
k					
□ k					
k					
□ k					
k					
□ k					

□ k

□ k

□ k

□ k

□ k

□ k

k

k

k

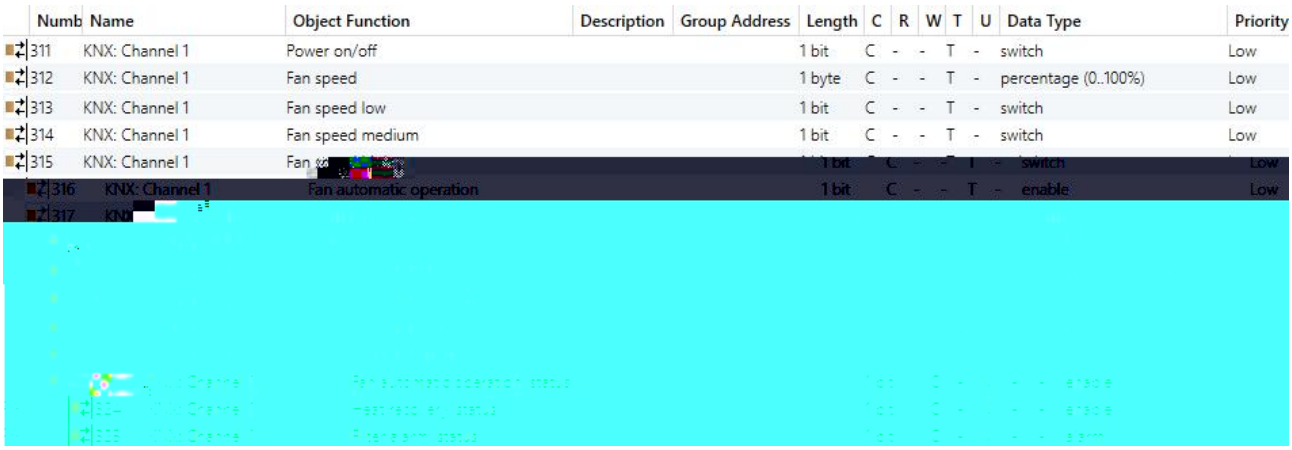
k

k

k

k

k



Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Power on/off			1 bit	C	-	-	T	-	switch	Low
312	KNX: Channel 1	Fan speed			1 byte	C	-	-	T	-	percentage (0..100%)	Low
313	KNX: Channel 1	Fan speed low			1 bit	C	-	-	T	-	switch	Low
314	KNX: Channel 1	Fan speed medium			1 bit	C	-	-	T	-	switch	Low
315	KNX: Channel 1	Fan [redacted]			1 bit	C	-	-	T	-	switch	Low
316	KNX: Channel 1	Fan automatic operation			1 bit	C	-	-	T	-	enable	Low
317	KNX: Channel 1	[redacted]										

□ □ k

□ k

k

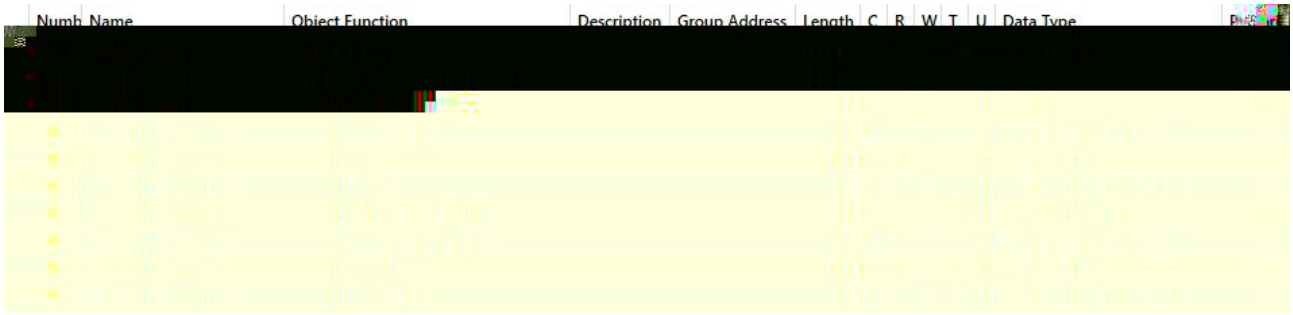
□ k

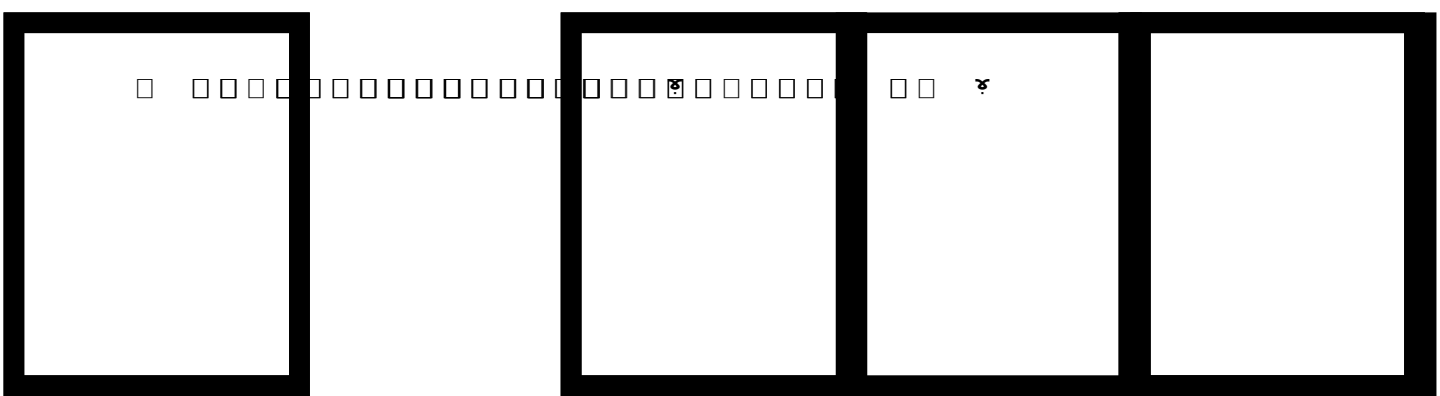
□ k

□ k

□ k

□ k


Numb
Name
Object Function
Description
Group Address
Length
C
R
W
T
U
Data Type



k					
k					
k				k	
k					
k					
k					
k	□			k	

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	PM2.5 value			2 bytes	C	-	W	T	U	pulses	Low
312	KNX: Channel 1	PM10 value			2 bytes	C	-	W	T	U	pulses	Low
313	KNX: Channel 1	VOC value			2 bytes	C	-	W	T	U	pulses	Low
314	KNX: Channel 1	CO2 value			2 bytes	C	-	W	T	U	pulses	Low
311	KNX: Channel 1	PM2.5 value			2 bytes	C	-	W	T	U	concentration (µg/m³)	Low
312	KNX: Channel 1	PM10 value			2 bytes	C	-	W	T	U	concentration (µg/m³)	Low
313	KNX: Channel 1	VOC value			2 bytes	C	-	W	T	U	concentration (µg/m³)	Low
314	KNX: Channel 1	CO2 value			2 bytes	C	-	W	T	U	parts/million (ppm)	Low
315	KNX: Channel 1	AQI value			2 bytes	C	-	W	T	U	pulses	Low
316	KNX: Channel 1	Temperature value			2 bytes	C	-	W	T	U	temperature (°C)	Low
317	KNX: Channel 1	Humidity value			2 bytes	C	-	W	T	U	humidity (%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
314	KNX: Channel 1	CO2 value			2 bytes	C	-	W	T	U	parts/million (ppm)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	PM2.5 value			2 bytes	C	-	W	T	U	pulses	Low
311	KNX: Channel 1	PM2.5 value			2 bytes	C	-	W	T	U	concentration (µg/m³)	Low

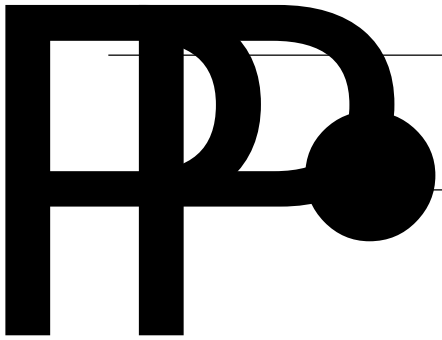
GVS K-BUS

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
313	KNX: Char										Pulses	Low
313	KNX: Channel 1	VOC value			2 bytes	C	-	W	T	U	concentration (µg/m³)	Low
316	KNX: Channel 1	Temperature value			2 bytes	C	-	W	T	U	temperature (°C)	Low
317	KNX: Channel 1	Humidity value			2 bytes	C	-	W	T	U	humidity (%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Presence detector			1 bit	C	-	W	T	U	occupancy	Low
312	KNX: Channel 1	Brightness				C	-					
312	KNX: Channel 1	Brightness value(lux)			2 bytes	C	-	W	T	U	brightness (lux)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Motion detector			1 bit	C	-	W	T	U	occupancy	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
312	KNX: Channel 1	Brightness value(lux)			2 bytes	C	-	W	T	U	brightness (lux)	Low



□ k

k

□ k

k

□ k

k

□ k					
□ k					
□ k					
□ k					
□ k k					
k › › › ›					
k › › › ›					

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Current value			4 bytes	C	-	W	T	U	electric current (A)	Low
313	KNX: Channel 1	Power value			4 bytes	C	-	W	T	U	power (W)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
311	KNX: Channel 1	Current value			2 bytes	C	-	W	T	U	current (mA)	Low
312	KNX: Channel 1	Voltage value			2 bytes	C	-	W	T	U	voltage (mV)	Low
313	KNX: Channel 1	Power value			2 bytes	C	-	W	T	U	power (kW)	Low
314	KNX: Channel 1	Energy value			4 bytes	C	-	W	T	U	active energy (Wh)	Low
311	KNX: Channel 1	Current value			4 bytes	C	-	W	T	U	electric current (A)	Low
312	KNX: Channel 1	Voltage value			4 bytes	C	-	W	T	U	electric potential (V)	Low
313	KNX: Channel 1	Power value			4 bytes	C	-	W	T	U	power (W)	Low
314	KNX: Channel 1	Energy value			4 bytes	C	-	W	T	U	active energy (kWh)	Low

□ k k

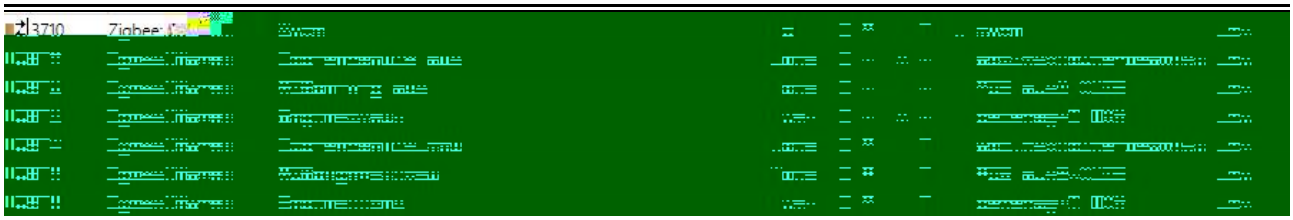
k

□ k k

k

k

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	P
3712	Zigbee: Channel 1	VOC value			2 bytes	C	R	-	T	-	concentration (µg/m³)	Low
3713	Zigbee: Channel 1	CO2 value			2 bytes	C	R	-	T	-	parts/million (ppm)	Low
3714	Zigbee: Channel 1	Form										
3715	Zigbee: Channel 1	Temperature value			2 bytes	C	R	-	T	-	temperature (°C)	Low
3716	Zigbee: Channel 1	Humidity value			2 bytes	C	R	-	T	-	humidity (%)	Low
3710	Zigbee:											
3710	Zigbee: Chan	Brightness(lux) val			2 bytes	C	R	-	T	-	lux (Lux)	Low
3710	Zigbee: Chan	Gas concentration value			2 bytes	C	R	-	T	-	pulses	Low
3710	Zigbee: Channel 1	Gas concentration value			2 bytes	C	R	-	T	-	parts/million (ppm)	Low
3710	Zigbee:											
3710	Zigbee: Channel 1	Binary			1 bit	C	R	-	T	-	switch	Low
3710	Zigbee:											
3710	Zigbee: Channel	Alarm dete			1 bit	C	R	-	T	-	alarm	Low
3710	Zigbee:											
3710	Zigbee:											
3710	Zigbee: Channel 1-1	Switch			1 bit	C	-	W	-	-	switch	Low
3711	Zigbee: Channel 1-2	Switch			1 bit	C	-	W	-	-	switch	Low
3712	Zigbee: Channel 1-3	Switch			1 bit	C	-	W	-	-	switch	Low
3713	Zigbee: Channel 1-1	Switch, status			1 bit	C	R	-	T	-	switch	Low
3714	Zigbee: Channel 1-2	Switch, status			1 bit	C	R	-	T	-	switch	Low
3715	Zigbee: Channel 1-3	Switch, status			1 bit	C	R	-	T	-	switch	Low
3710	Zigbee: Channel 1	Switch			1 bit	C	-	W	-	-	switch	Low
											itch	Low
											ge (0..100%)	Low
3710	Zigbee: Channel 1	Switch			1 bit	C	-	W				Low
3712	Zigbee: Channel 1	RGB dimming value			3 bytes	C	-	W	-	-	RGB value 3x(0..255)	Low
3713	Zigbee: Channel 1	Switch, status			1 bit	C	R	-	T	-	switch	Low
3715	Zigbee: Channel 1	RGB brightness, status			3 bytes	C	R	-	T	-	RGB value 3x(0..2	Low
3710	Zigbee: Channel 1	Switch			1 bit	C	-	W	-	-	switch	Low
											temperature (K)	Low
3715	Zigbee: Channel 1	Brightness, status			1 byte	C	R	-	T	-	percent	Low



3710	Zigbee: Channel 1	Brightness(lux) value	2 bytes	C R - T -	lux (Lux) Low
3715	Zigbee: Channel 1	Temperature value	2 bytes	C R - T -	temperature (°C) Low
3716	Zigbee: Channel 1	Humidity value	2 bytes	C R - T -	humidity (%) Low

□ k k					
□ k					

□ k					
! ! □ k					

! ! □

k

! □ k

k

! □ !

k

□ k k

› ›

› ›

k

□ k

k

□ k

!

k

□ k

□ k

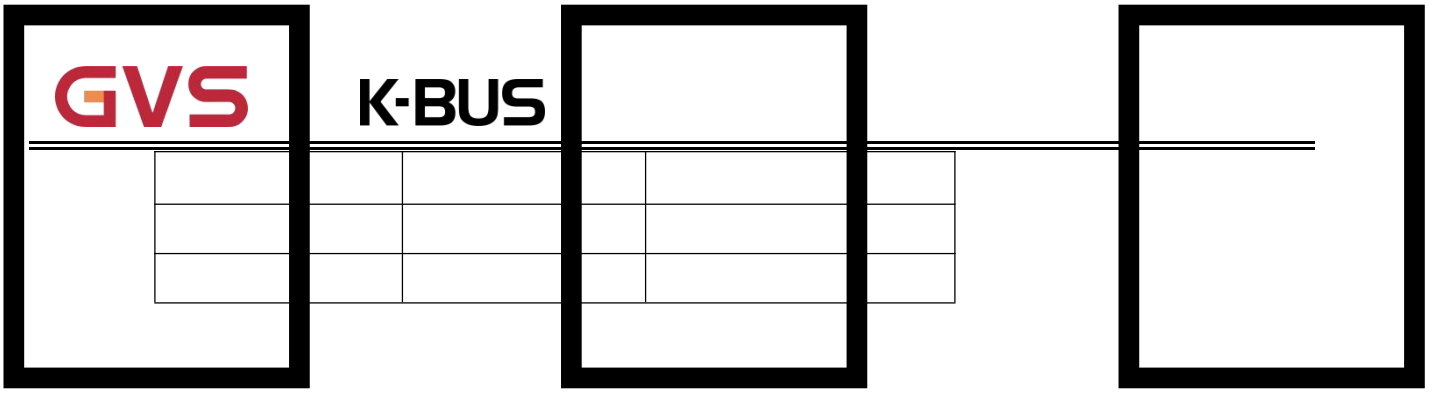
!

k

□ k

□ k

□



k

!

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
74	RTC 1	Power on/off			1 bit	C	-	W	-	-	switch	Low
75	RTC 1	Room tem[illegible]			2 bytes	C	-	W	T	U	temperature (°C)	Low
76	RTC 1	Current setpoint adjustment			2 bytes	C	-	W	-	-	temperature (°C)	Low
77	RTC 1	Heating/Cooling mode			1 bit	C						

□ k					
□ k					
k					
□ k					

□ k

k

, ,

, ,

, ,

, ,

k !

k k

□ k

, ,

, ,

k

, ,

, ,

k

k

k

k

!

k

k

k

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
294	Ventilation controller	Fan automatic operation			1 bit	C	-	W	-	-	enable	Low
295	Ventilation controller	PM 2.5 value			2 bytes	C	-	W	T	U	pulses	Low
296	Ventilation controller	Fan speed, status			1 byte	C	-	-	T	-	percentage (0..100%)	Low
297	Ventilation controller	Fan speed low, status			1 bit	C	-	-	T	-	switch	Low
298	Ventilation controller	Fan speed medium, status			1 bit	C	-	-	T	-	switch	Low
299	Ventilation controller	Fan speed high, status			1 bit	C	-	-	T	-	switch	Low

k

□ k

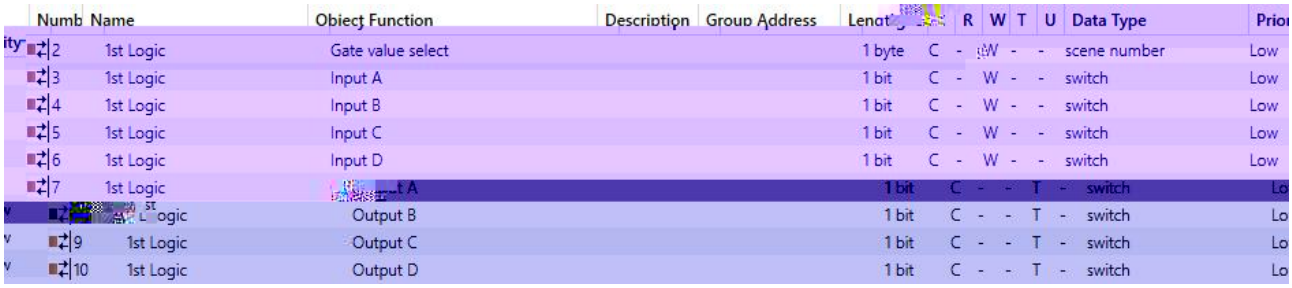
k

□ k

□ k

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input a			1 bit	C	-	W	T	U	boolean	Low
3	1st Logic	Input b			1 bit	C	-	W	T	U	boolean	Low
4	1st Logic	Input c			1 bit	C	-	W	T	U	boolean	Low
5	1st Logic	Input d			1 bit	C	-	W	T	U	boolean	Low
6	1st Logic	Input e			1 bit	C	-	W	T	U	boolean	Low
7	1st Logic	Input f			1 bit	C	-	W	T	U	boolean	Low
8	1st Logic	Input g			1 bit	C	-	W	T	U	boolean	Low
9	1st Logic	Input h			1 bit	C	-	W	T	U	boolean	Low
10	1st Logic	Logic result			1 bit	C	-	-	T	-	boolean	Low

k					
k					



Numb	Name	Object Function	Description	Group Address	Length	R	W	T	U	Data Type	Prio
2	1st Logic	Gate value select			1 byte	C	-	W	-	-	scene number	Low
3	1st Logic	Input A			1 bit	C	-	W	-	-	switch	Low
4	1st Logic	Input B			1 bit	C	-	W	-	-	switch	Low
5	1st Logic	Input C			1 bit	C	-	W	-	-	switch	Low
6	1st Logic	Input D			1 bit	C	-	W	-	-	switch	Low
7	1st Logic	t A			1 bit	C	-	-	T	-	switch	Lo
	Logic	Output B			1 bit	C	-	-	T	-	switch	Lo
9	1st Logic	Output C			1 bit	C	-	-	T	-	switch	Lo
10	1st Logic	Output D			1 bit	C	-	-	T	-	switch	Lo

k					
k					
k					
k					

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Threshold value input			4 bit	C	-	W	-	U	dimming control	Low
2	1st Logic	Threshold value input			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
2	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	pulses	Low
2	1st Logic	Threshold value input			4 bytes	C	-	W	-	U	counter pulses (unsigned)	Low
10	1st Logic	Logic result			1 bit	C	-					

k					
k					k

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
3	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
3	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
4	1st Logic	Input 1bit-bit2			1 bit	C	-	W	-	U	boolean	Low
5	1st Logic	Input 1bit-bit3			1 bit	C	-	W	-	U	boolean	Low
6	1st Logic	Input 1bit-bit4			1 bit	C	-	W	-	U	boolean	Low
7	1st Logic	Input 1bit-bit5			1 bit	C	-	W	-	U	boolean	Low
8	1st Logic	Input 1bit-bit6			1 bit	C	-	W	-	U	boolean	Low
9	1st Logic	Input 1bit-bit7			1 bit	C	-	W	-	U	boolean	Low
10	1st Logic	Output 1byte			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1byte			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
10	1st Logic	Output 2byte			2 bytes	C	-	-	T	-	pulses	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1byte-low			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
3	1st Logic	Input 1byte-high			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
10	1st Logic	Output 2byte			2 bytes	C	-	-	T	-	pulses	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 2byte-low			2 bytes	C	-	W	-	U	pulses	Low
3	1st Logic	Input 2byte-high			2 bytes	C	-	W	-	U	pulses	Low
10	1st Logic	Output 4byte			4 bytes	C	-	-	T	-	counter pulses (unsigned)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1byte			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
3	1st Logic	Output 1bit-bit0			1 bit	C	-	-	T	-	boolean	Low
4	1st Logic	Output 1bit-bit1			1 bit	C	-	-	T	-	boolean	Low
5	1st Logic	Output 1bit-bit2			1 bit	C	-	-	T	-	boolean	Low
6	1st Logic	Output 1bit-bit3			1 bit	C	-	-	T	-	boolean	Low
7	1st Logic	Output 1bit-bit4			1 bit	C	-	-	T	-	boolean	Low
8	1st Logic	Output 1bit-bit5			1 bit	C	-	-	T	-	boolean	Low
9	1st Logic	Output 1bit-bit6			1 bit	C	-	-	T	-	boolean	Low
10	1st Logic	Output 1bit-bit7			1 bit	C	-	-	T	-	boolean	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
9	1st Logic	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
10	1st Logic	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 4byte			4 bytes	C						

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 3byte			3 bytes	C	-	W	-	U	RGB value 3x(0..255)	Low
8	1st Logic	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
9	1st Logic	Output 1byte-middle			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
10	1st Logic	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input 1byte-low			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
3	1st Logic	Input 1byte-middle			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
4	1st Logic	Input 1byte-high			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
10	1st Logic	Output 3byte			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low

k					
k					

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			1 bit	C	-	W	-	-	switch	Low
3	1st Logic	Gate input			1 bit	C	-	W	-	-	boolean	Low
10	1st Logic	Output			1 bit	C	-	[redacted]				

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			1 byte	C	-	W	-	[redacted]		

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori
2	1st Logic	Input			1 byte	C	-	W	-	-	counter pulses (0..255)	Low
3	1st Logic	Gate input			1 bit	C	-	W	-	-	boolean	Low
10	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	[redacted]

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			2 bytes	C	-	W	-	-	temperature (°C)	Low
3	1st Logic	Gate input			1 bit	C	-	W	-	-	boolean	Low
10	1st Logic	Output			2 bytes	C	-	-	T	-	temperature (°C)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
2	1st Logic	Input			2 bytes	C	-	[redacted]	-	-	pulses	Low
3	1st Logic	[redacted]			1 bit	C	-	W	-	-	boolean	Low
10	1st Logic	Output			2 bytes	C	-	-	T	-	pulses	Low

k					
k k					
k					k

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			1 bit	C	-	W	-	-	switch	Low
10	1st Logic	Output			1 bit	C	-	-	T	-	switch	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			1 byte	C	-	W	-	-	percentage (0..100%)	Low
10	1st Logic	Output			1 byte	C	-	-	T	-	percentage (0..100%)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			1 byte	C	-	W	-	-	counter pulses (0..255)	Low
10	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Input			2 bytes	C	-	W	-	-	temperature (°C)	Low
10	1st Logic	Output			2 bytes	C	-	-	T	-	temperature (°C)	Low

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Pr
ity 2	1st Logic											

□ k					
k					

Numb	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	1st Logic	Trigger value			1 bit	C	-	W	-	-	trigger	Low
3	1st Logic	Light-on duration time			2 bytes	C	-	W	-	-	time (s)	Low
10	1st Logic	Output			1 bit	C	-	-	T	-	switch	Low
10	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

k

k k

k

k k

k

k

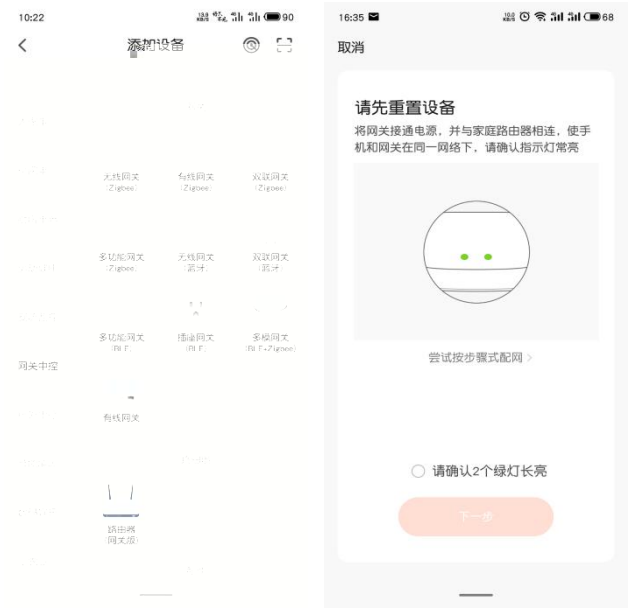
□ □ □

□ ﷐ﻯ+ < -ﻯ

@

k k

k k



k

k

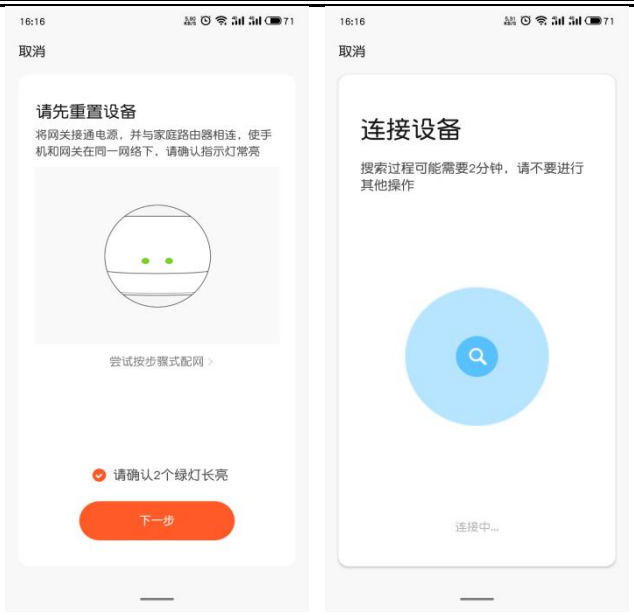
k

k

k

k k

k


16:16
取消
请先重置设备
将网关接通电源，并与家庭路由器相连，使手机和网关在同一网络下，请确认指示灯常亮
尝试按步骤式配网
请确认2个绿灯长亮
下一步
16:16
取消
连接设备
搜索过程可能需要2分钟，请不要进行其他操作
连接中...

k k


取消
选择添加设备
视声智能网关
可以连接的设备
完成
添加成功
视声智能网关
添加设备成功

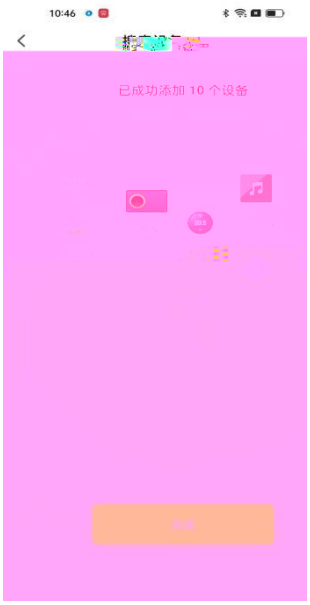
k β γ

□□□□□

k

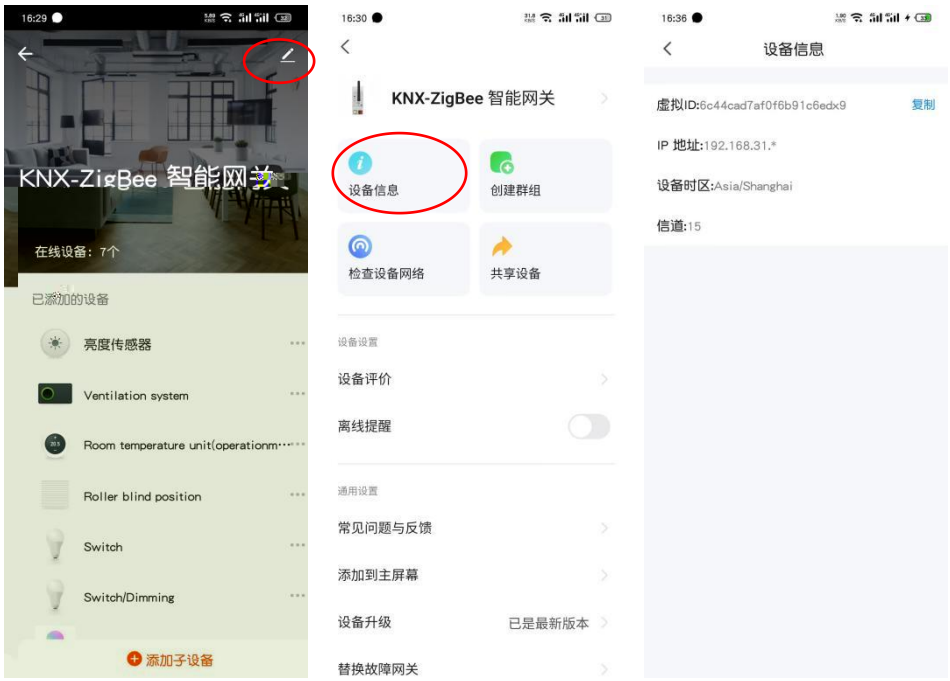
k


10:57
视声智能网关
在线设备：10个
已添加的设备
Switch/Dimming
Scene Switch
Room temperature unit(operation...
Room temperature unit(operation...
Air condition(with swing)
Ventilation system
添加子设备


10:46
已成功添加 10 个设备

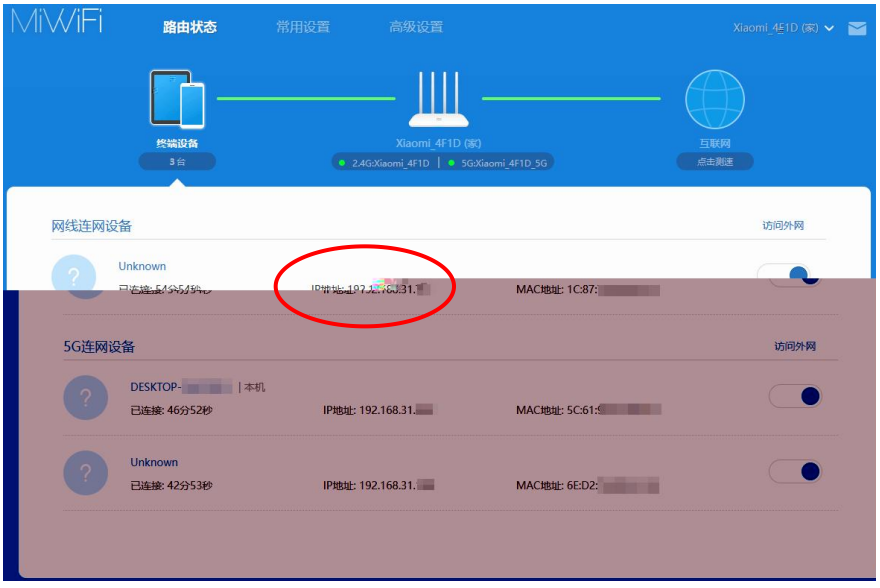
k

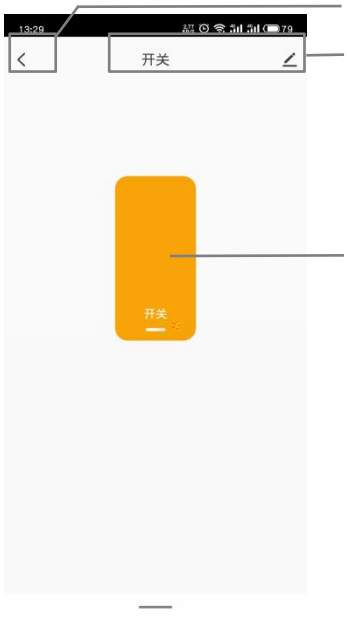
□

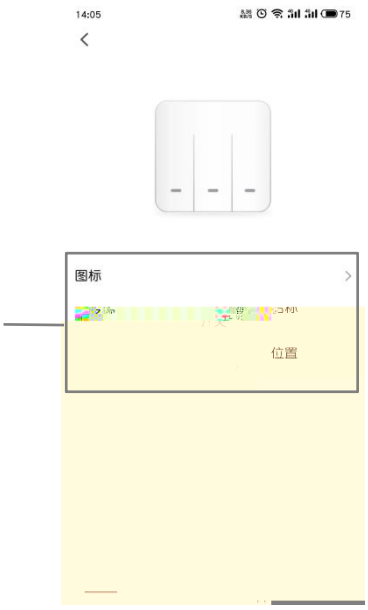

16:29
KNX-ZigBee 智能网关
在线设备：7个
已添加的设备
亮度传感器
Ventilation system
Room temperature unit(operationm
Roller blind position
Switch
Switch/Dimming
添加子设备
16:30
KNX-ZigBee 智能网关
设备信息
创建群组
检查设备网络
共享设备
设备设置
设备评价
离线提醒
通用设置
常见问题与反馈
添加到主屏幕
设备升级
已是最新版本
替换故障网关
16:36
设备信息
虚拟ID:6c44cad7af0f6b91c6edx9
复制
IP 地址:192.168.31.*
设备时区:Asia/Shanghai
信道:15

k

k


MiWiFi
路由状态
常用设置
高级设置
Xiaomi_4F1D (家)
终端设备
3台
Xiaomi_4F1D (家)
2.4G:Xiaomi_4F1D | 5G:Xiaomi_4F1D_5G
互联网
点击测速
网线连网设备
访问外网
Unknown
MAC地址: 1C:87:
5G连网设备
访问外网
DESKTOP- | 本机
已连接: 46分52秒
IP地址: 192.168.31.
MAC地址: 5C:61:
Unknown
已连接: 42分53秒
IP地址: 192.168.31.
MAC地址: 6E:D2:





□

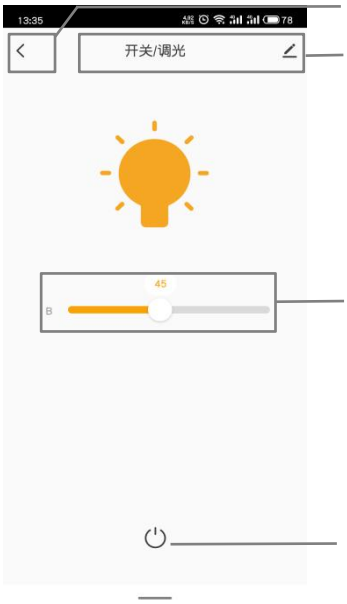
k ! k

□ ! ! k

k

! k

k k

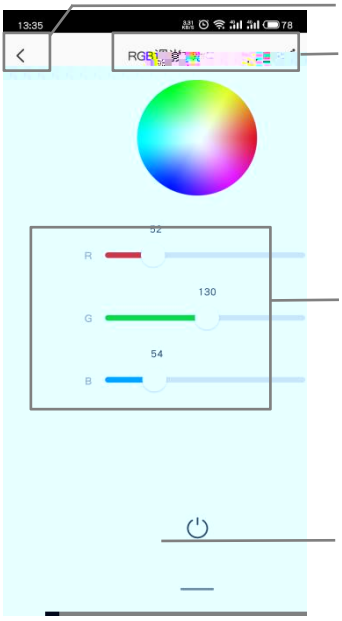


k k

k

k

k



k k ! k

! ! k

k

k k k

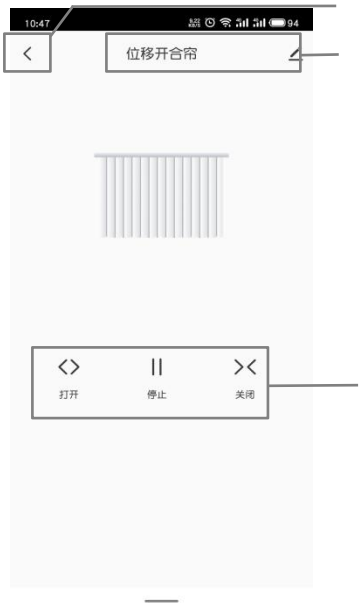
k k

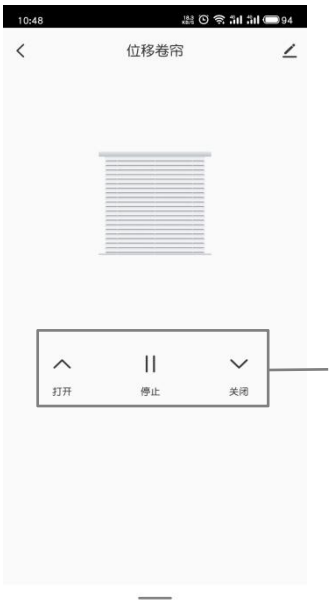
k k

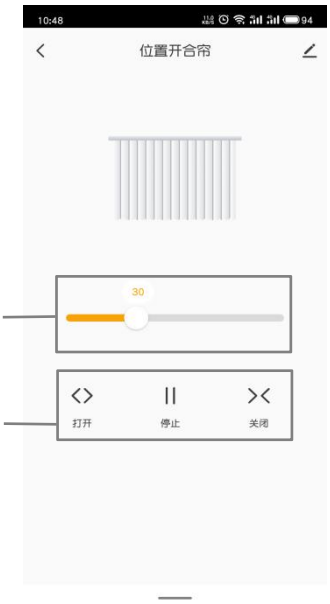
k

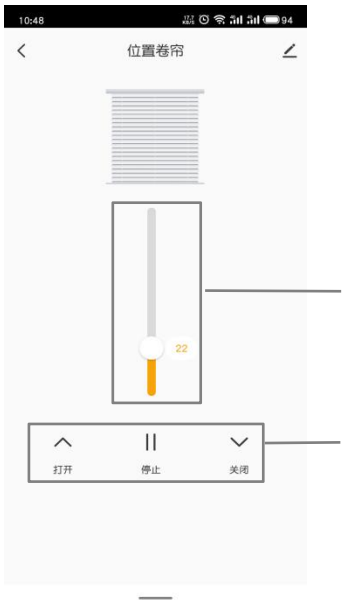
k

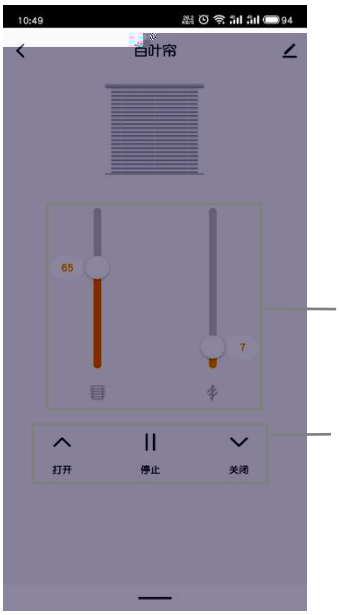
k


位移开合帘
打开
停止
关闭


位移卷帘
打开
停止
关闭


位置开合帘
30
打开
停止
关闭


位置卷帘
22
打开
停止
关闭


百叶帘
65
7
打开
停止
关闭

k k ! k

k

k

k k

k

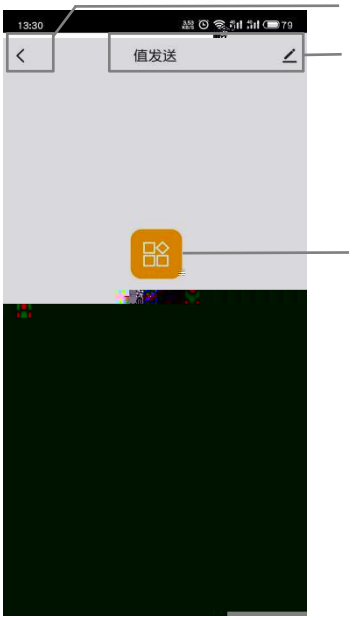
k

k k

k

k

k

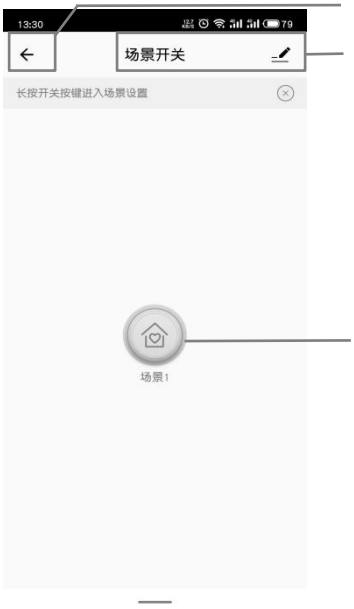


k ! k

k k

! ! ! ! !

! k



k

k ! k

k

k


13:34
场景开关
完成
场景图标
添加一个场景


13:32
取消
创建智能
保存
本地“一键执行”
“一键执行”任务
添加任务
名称
请输入名称
风格
出现在首页


13:33
取消
创建智能
保存
本地“一键执行”
“一键执行”任务
添加任务
名称
请输入名称
添加任务
操作设备
选择已有智能场景
发送通知提醒
延时执行

k

k

k

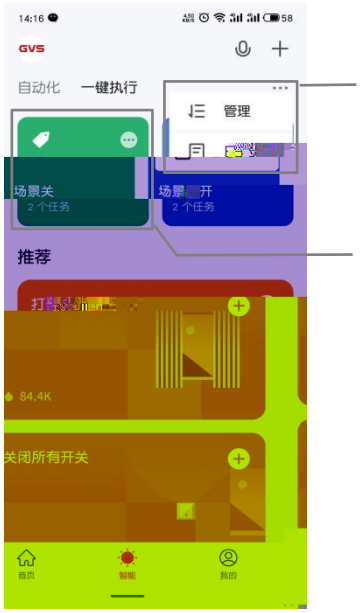
k

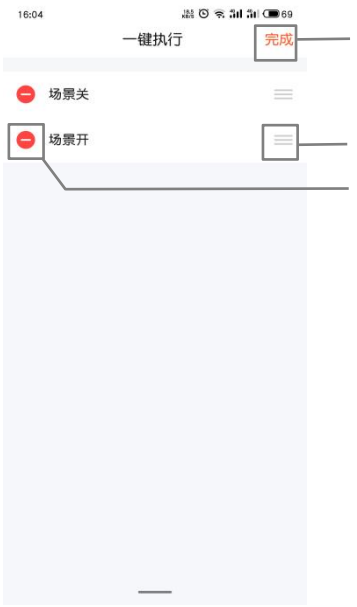
k

! !

k k

! k


14:16
GVS
自动化
一键执行
管理
场景关
2 个任务
场景开
2 个任务
推荐
84.4K
关闭所有开关
首页
智能
我的


16:04
一键执行
完成
场景关
场景开


14:23
取消
编辑
保存
条件
一键执行
任务
Switch
开关:关闭
Audio control (with on/off)
开关:关闭
名称
场景开
风格
出现在首页

β γ β γ k β γ

k k

!

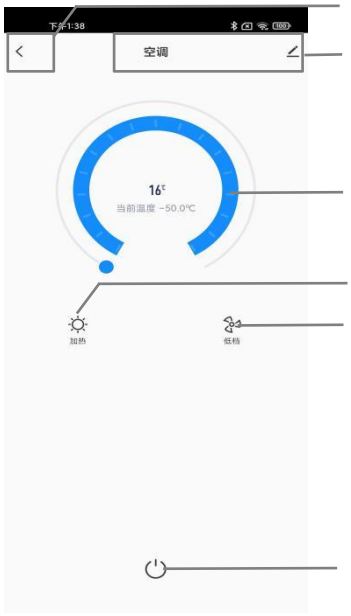
k k

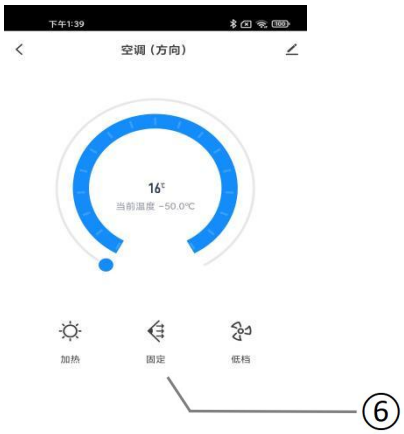
β γ k

k

k

k





k ! k

k

, φ ,

k

k

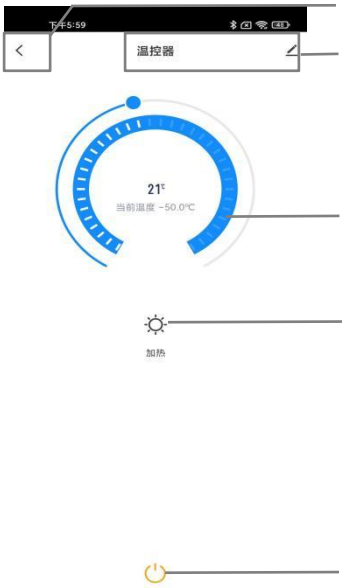
k

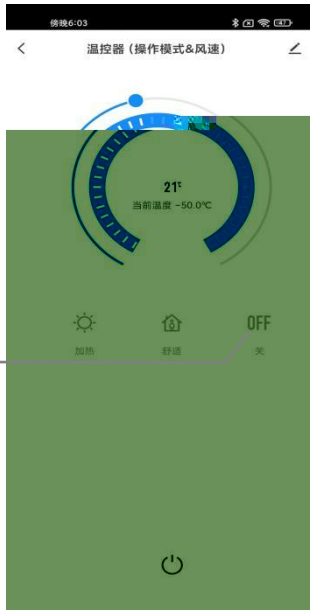
k

k

k

k k





k k ! k

k

φ

k

k k

k

k

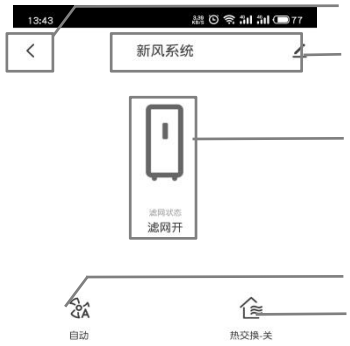
k k k k

k

k k k

k

k



k

k k ! k

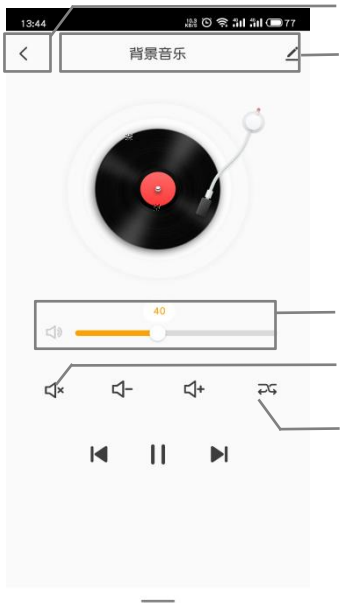
k

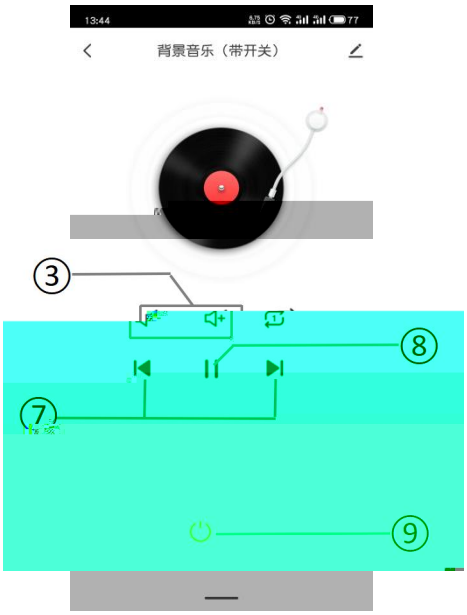
k k

k

k

□ k k





k

k k ! k

k

k

k k

k ! !

k

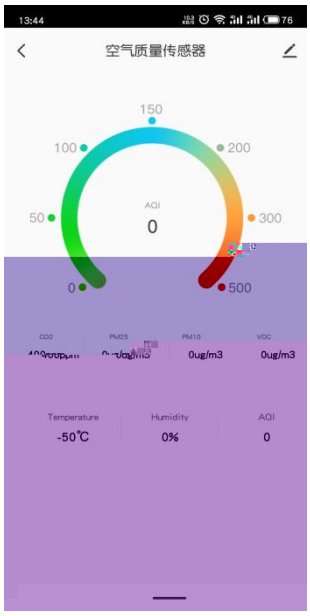
k

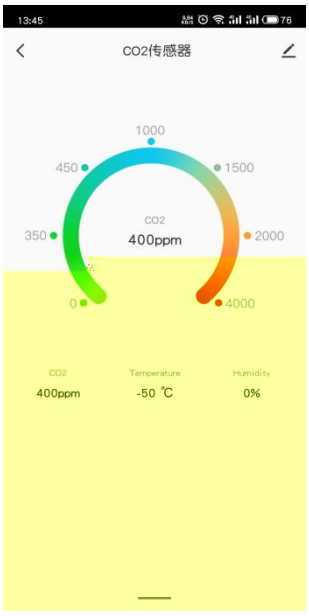
k k

k

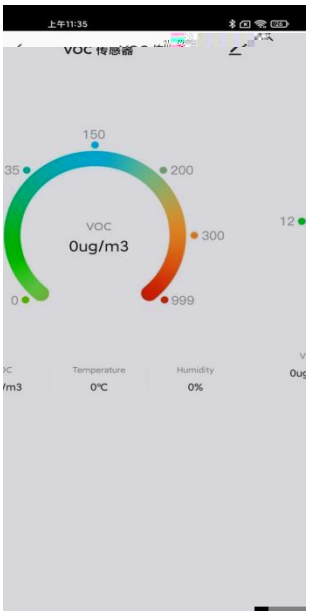
k k

k


空气质量传感器
150
100
200
50
AQI
0
300
0
500
CO2
PM25
PM10
VOC
0ug/m3
0ug/m3
Temperature
Humidity
AQI
-50℃
0%
0


CO2传感器
1000
450
1500
350
CO2
400ppm
2000
0
4000
CO2
Temperature
Humidity
400ppm
-50 ℃
0%


PM2.5传感器
150
35
200
12
PM2.5
0 μ g/m3
300
0
999
PM2.5
Temperature
Humidity
0 μ g/m3
-50℃
0%


150
35
200
VOC
0ug/m3
300
0
999
Temperature
Humidity
0℃
0%

! ! ! ! ! ! k

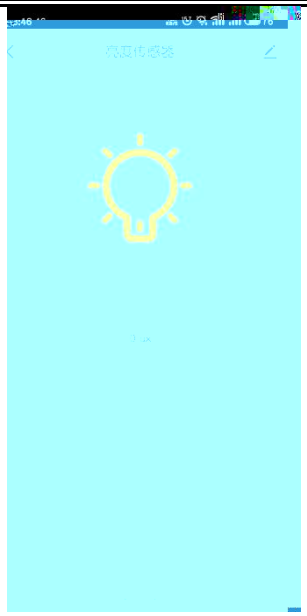
k !

k

k □ k


13:45
人体传感器
人体感应状态
没有检测到人经过
光照度
0Lux


13:45
移动传感器
移动状态




13:46
I/O信号

k

k


13:46
电流计量器
当前电流
0 A
当前功率
0 W


13:47
能源计量器
当前电流
0 A
当前功率
0 W
当前电压
0 V
当前能源
0 W/H

k

! !

k

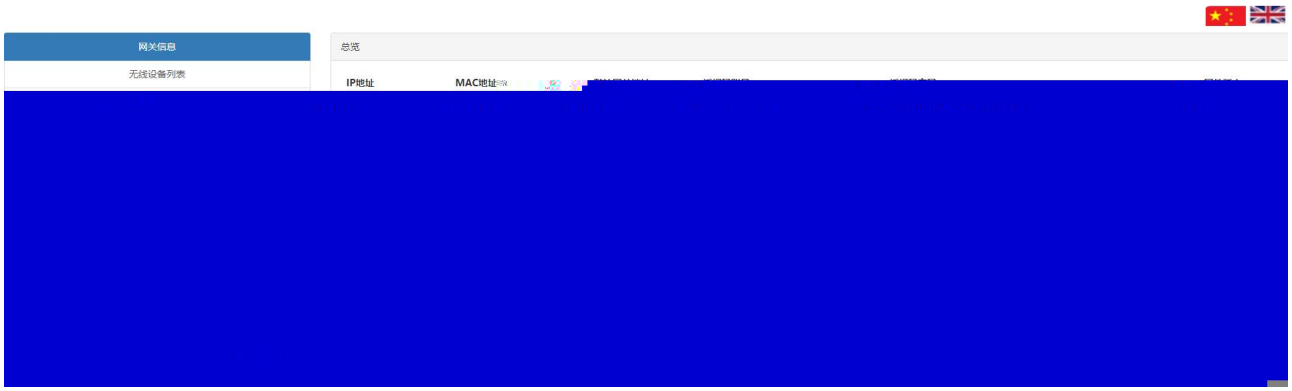
k

k k

k

k

涂鸦ZigBee智能网关管理系统

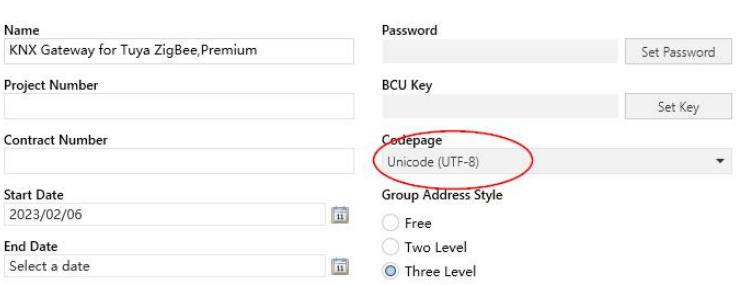


! ! !

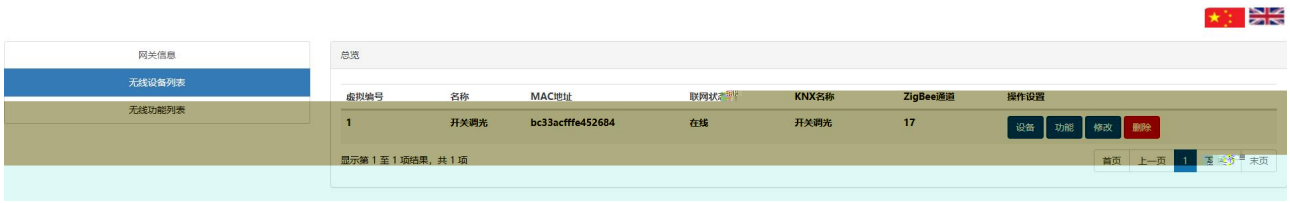
! k

k

k



涂鸦ZigBee智能网关管理系统



□ k

k

k k

k

k

k

k

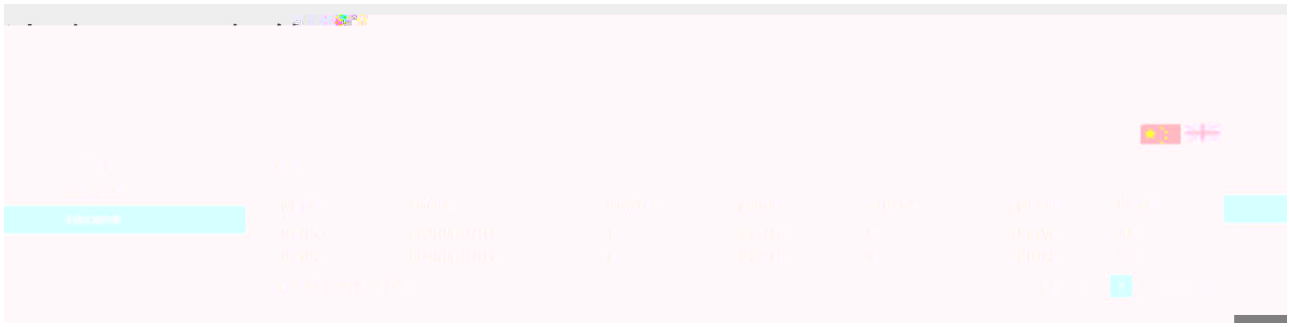
k

k

□ k

k

k



k k

k

k

k

k

! k

k

□ k

k

k

k

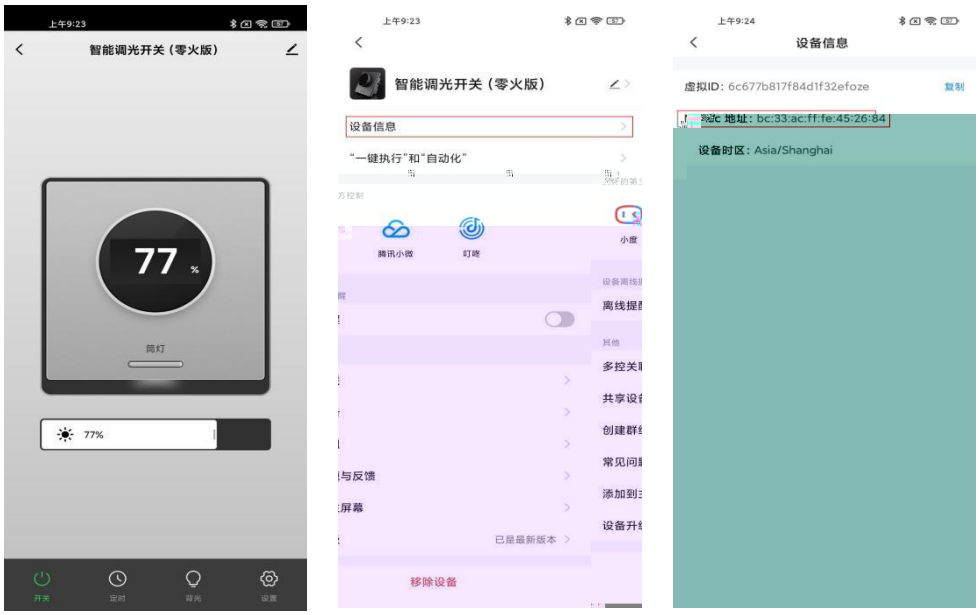
k

k

k


Description (max 24char.)
开关调光
Preset Mac address of zigbee device
bc33acfffe452684
8 hexidecimal data format,which can get from the property of
device on App
Device type
Switch/Dimming

□ k


智能调光开关（零火版）
77
%
筒灯
77%
开关
定时
背光
设置
智能调光开关（零火版）
设备信息
“一键执行”和“自动化”
腾讯小微
叮咚
小度
离线提
多控关
共享设
创建群
常见问
添加到
设备升
与反馈
屏幕
已是最新版本
移除设备
设备信息
虚拟ID: 6c677b817f84d1f32efoze
复制
设备时区: Asia/Shanghai

k

k

k


无线功能列表

k

! ! ! k

k k

k

k

k

k

□

k

k k k

k

k

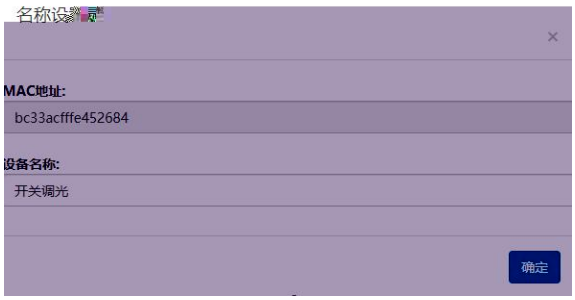
k

设备名称	MAC地址	功能点ID	数据格式	当前状态值	设备类型	绑定功能
色温1	a4c138e586e7d8b1	1	状态/可控	1	色温控制	开关
色温1	a4c138e586e7d8b1	3	状态/可控	348	色温控制	亮度
色温1	a4c138e586e7d8b1	4	状态/可控	235	色温控制	色温
空气	a4c138b1f7b1e88d	2	状态	364	空气质量传感	

□ k

k

k



k

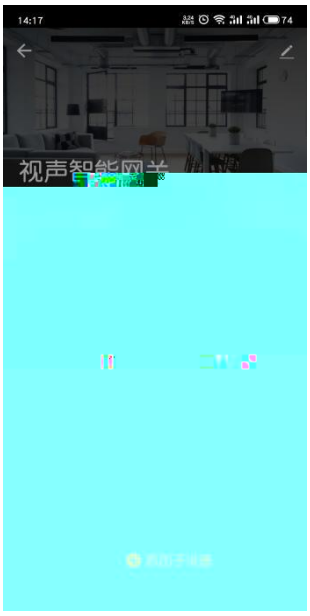
□ k k

虚拟编号	名称	MAC地址	联网状态	KNX名称	ZigBee通道	操作设置
1	色温1	a4c138e586e7d8b1	在线	色温	19	设备 功能 修改 删除
4	空气盒子	a4c138b1f7b1e88d	在线	VOC CO2 甲醛 DPT9.	1	设备 功能 修改 删除
6	窗帘 1	2c1165fffe69170c	在线	窗帘 1	21	设备 功能 修改 删除
7		804b50fffeb1e516	在线	温湿度传感器	3	设备 功能 修改 删除
8		000d6ffffed1fc50	在线	I/O Switch DPT 1.001	9	设备 功能 修改 删除
10		00124b0023b440d5	在线			设备 功能 修改 删除
12		bc33acfffe452684	在线			设备 功能 修改 删除

k

k

k


14:17
视声智能网关

k

k


14:20
设备升级
发现可更新项:V01.00.19
1.21MB
更新
主联网模组 新版本:
优化升级流程
自动保持设备最新
开启自动升级功能后，设备将自动进行升级。重要功能升级仍需确认后进行

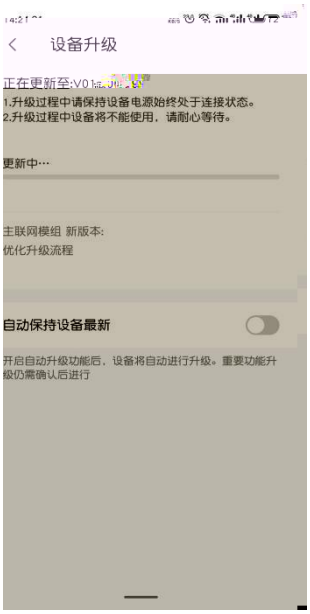

14:20
设备升级
发现可更新项:V01.00.19
1.21MB
更新
主联网模组 新版本:
优化升级流程
自动保持设备最新
更新注意事项
升级可能持续较长时间，请确保设备处于

k

k

k

k

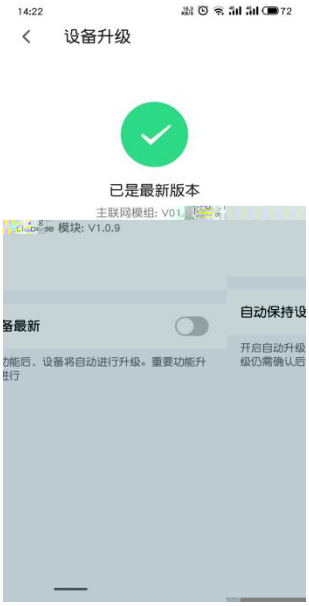

设备升级
正在更新至:V0
1.升级过程中请保持设备电源始终处于连接状态。
2.升级过程中设备将不能使用，请耐心等待。
更新中…
主联网模组 新版本:
优化升级流程
自动保持设备最新
开启自动升级功能后，设备将自动进行升级。重要功能升级仍需确认后进行

k

k

k


14:22
视声智能网关
设备信息
设备评价
设备离线提醒
离线提醒
其他
共享设备
创建群组
常见问题与反馈
添加到主屏幕
检查设备网络
立即检查
设备升级
已是最新版本
替换故障网关


14:22
设备升级
已是最新版本
主联网模组: V01
模块: V1.0.9
自动保持设
备最新
开启自动升级
级仍需确认后
功能后，设备将自动进行升级。重要功能升
进行