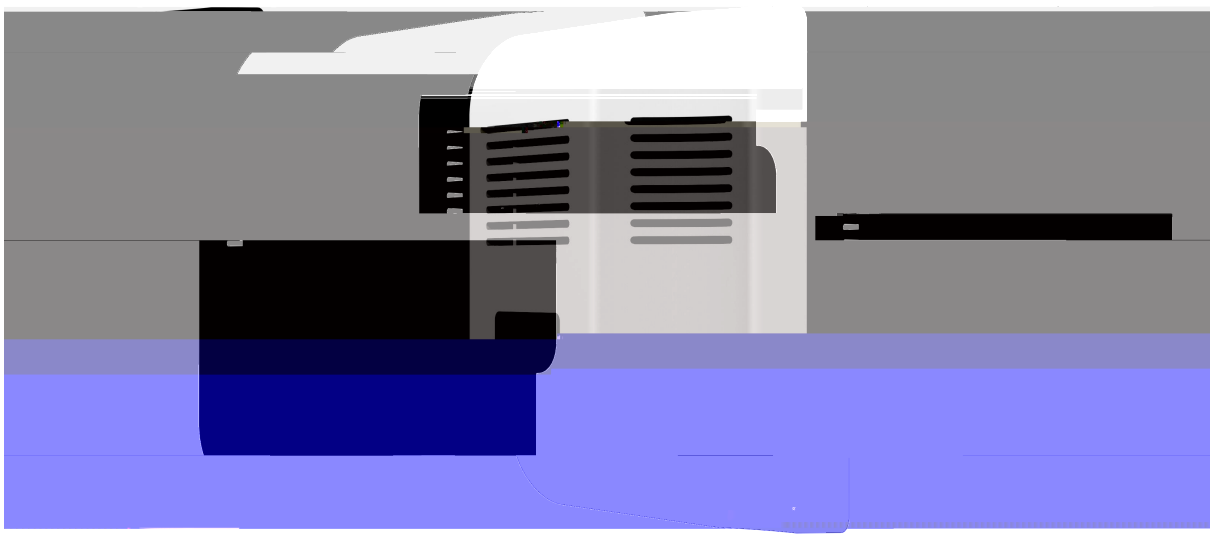
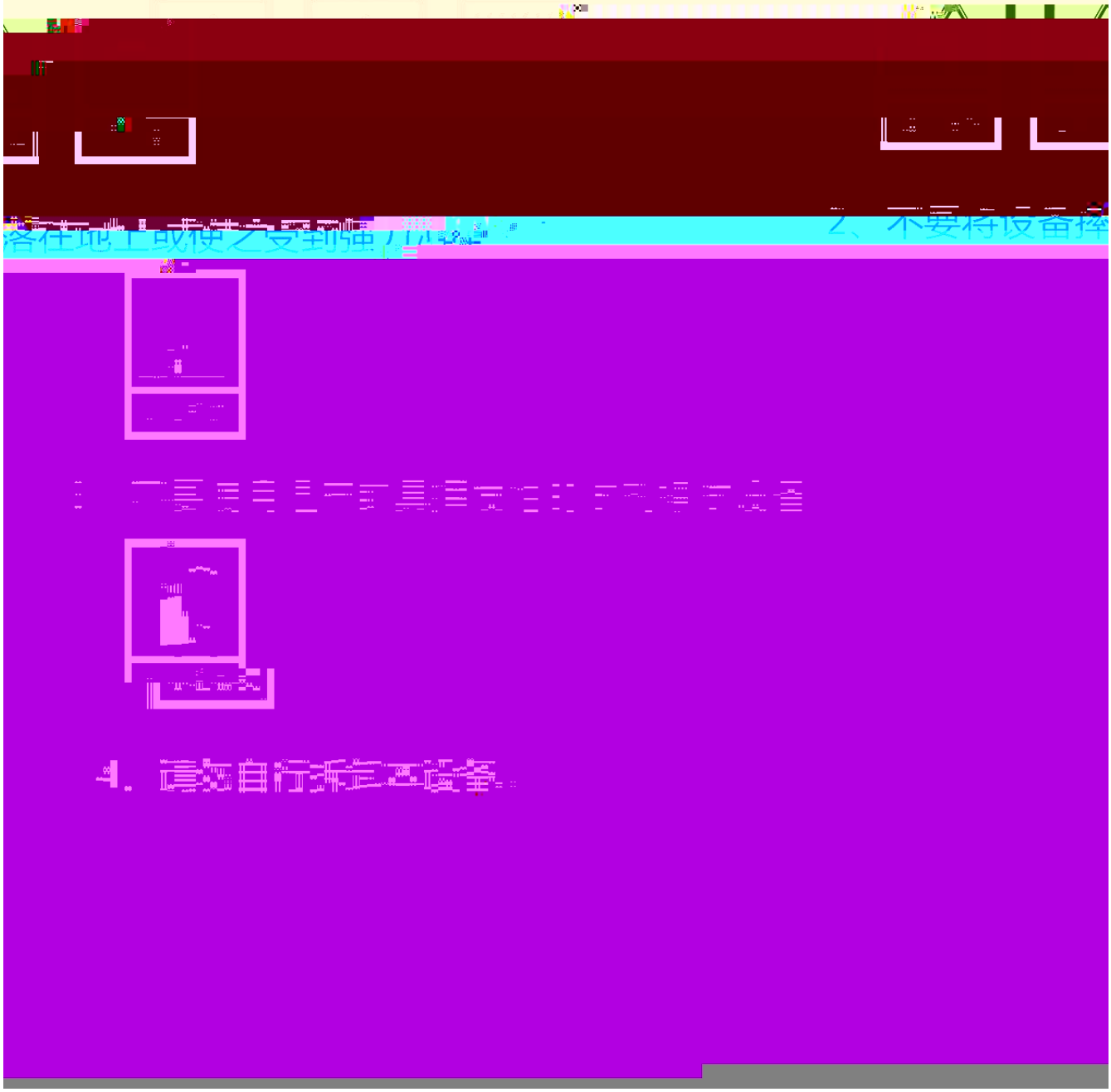
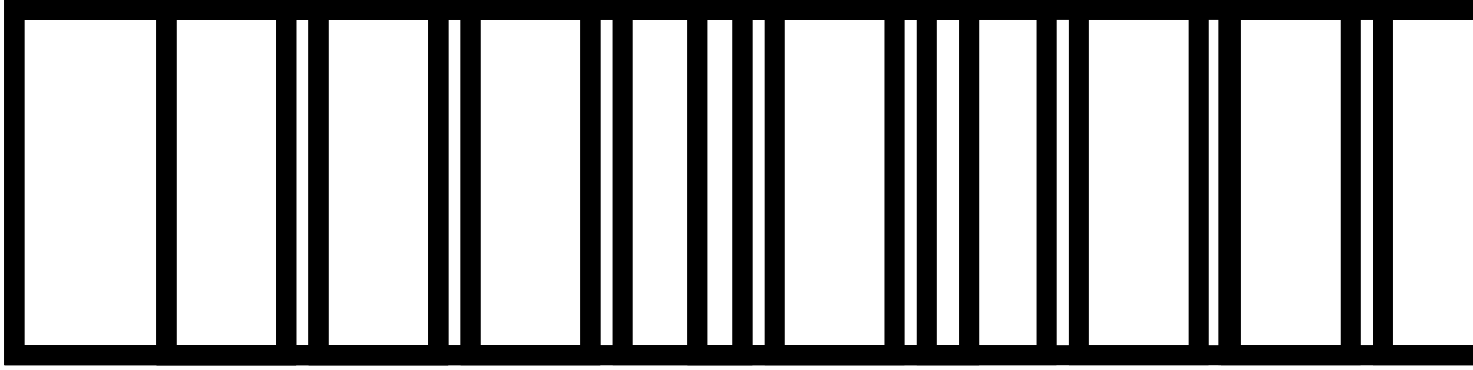
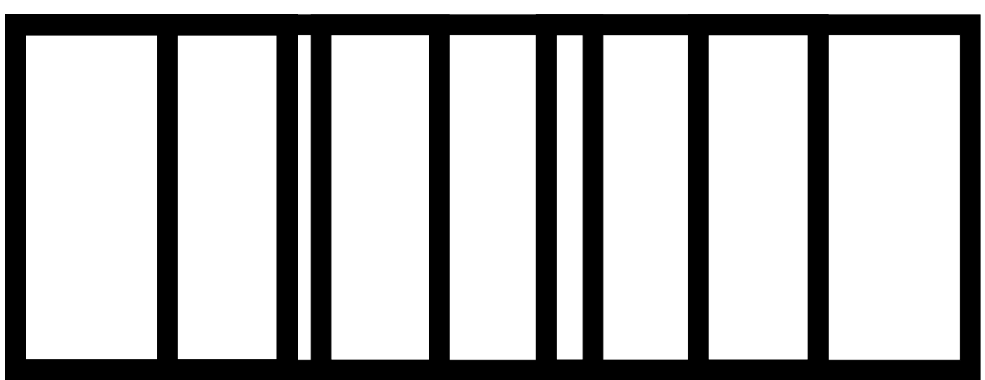


注意事项

1、请远离强磁场、高温、潮湿等环境；







KNX/EIB KNX V2

k KNX

V2 PM2.5/PM10 VOC CO2 AQI

k

PM2.5 ¦ VOC ¦ CO2 k d$SÕkNX2©

k

KNX V2 KNX

□ □□ □ □□ □ □

□ □ □ □□

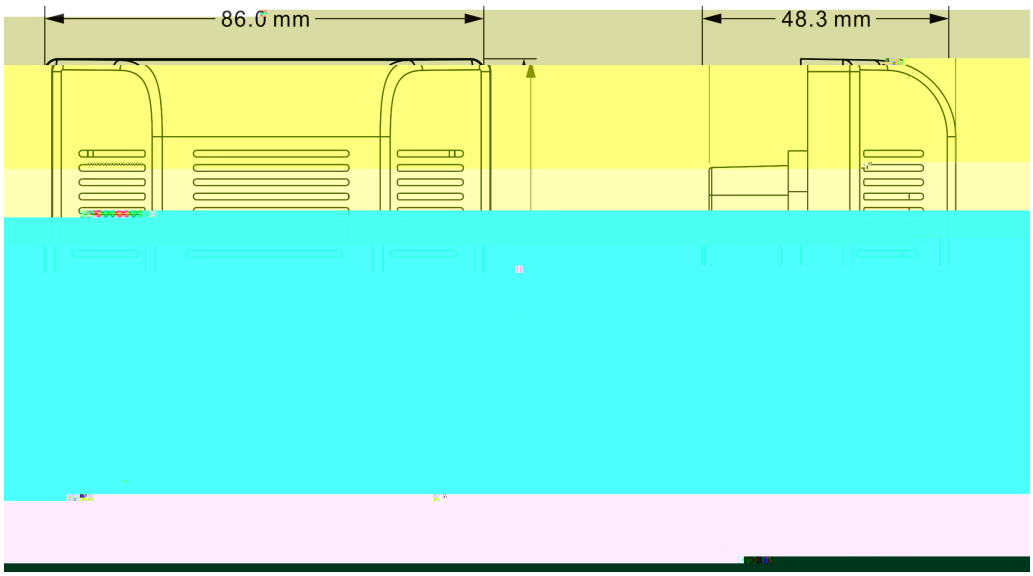
-
-
-
-
-

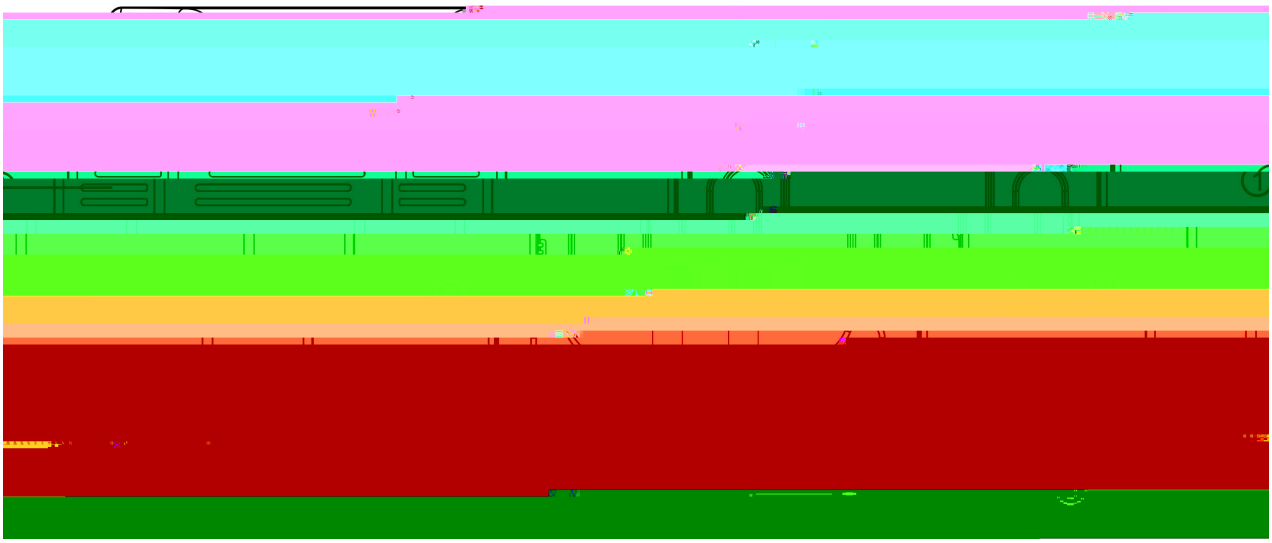
k

k

k

	21-30V DC
	<3.0mA/24V DC, <2.6mA/30V DC <80mW
	12-30V DC
	<73mA/12V DC, <34mA/24V DC <26mA/30V DC <0.9W
KNX	/
	/
LED	
	-5°C...45°C ±1°C
	0.1°C
	10...90% ±4.5% 0...10% / 90...100% ±8%
	0.1%
	0-999 μg/m³
	50%(ť=0.3um) 98%(ť≥0.5 um) ≤ 10s
	0-9.99 mg/m³ ±10%
	400ppm~2000ppm ®40ppm
	¨ 5 °C... + 45 °C
	– 25 °C ... +55 °C – 25 °C ... +70 °C
	<93%
80 86	
86Ô86Ô48.3mm	
0.15KG	





F LED ϟ

F ϶KNX

ϰ

PM2.5 PM10 AQI VOC CO2

VOC k

CO2 k

PM2.5 ！VOC ！CO2 3 k 1bit/1byte k

5 AQI 1bit ！

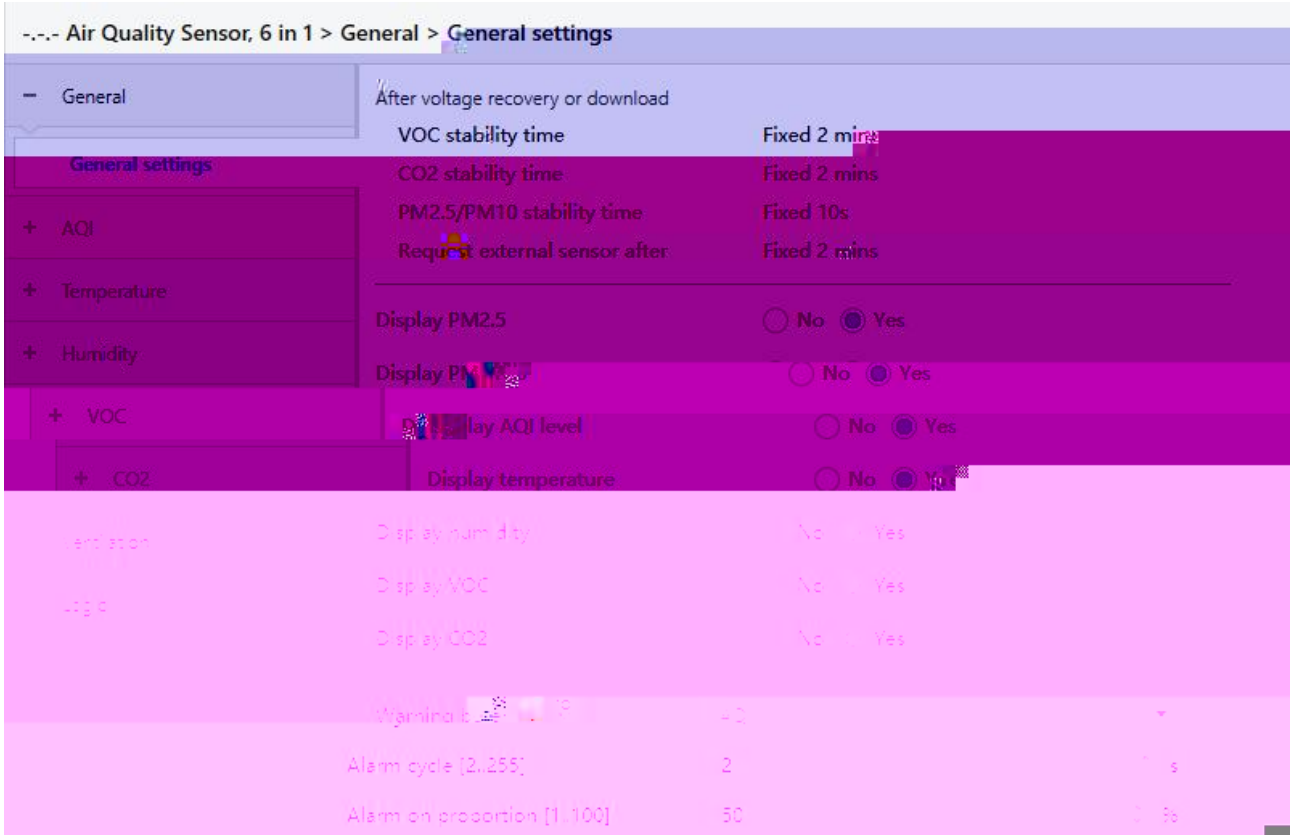
AQI 1bit 1bit 1bit VOC 1bit

1bit k 6 k

k

k

“General settings” 5.2 k



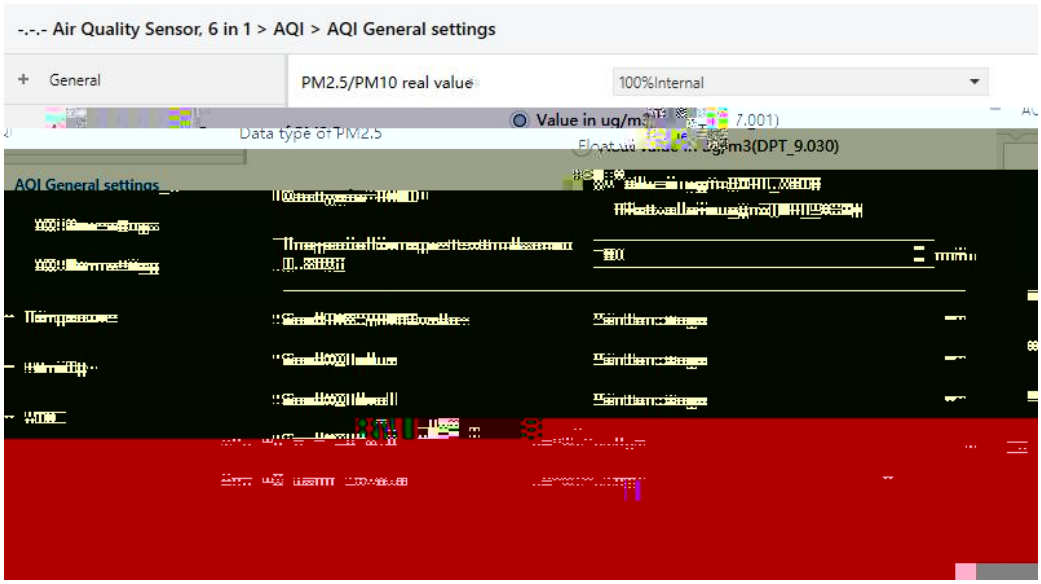
5.2 “General settings”

VOC k k

CO2 k k

KNX/EIB KNX V

“AQI General settings” 5.3.1 k



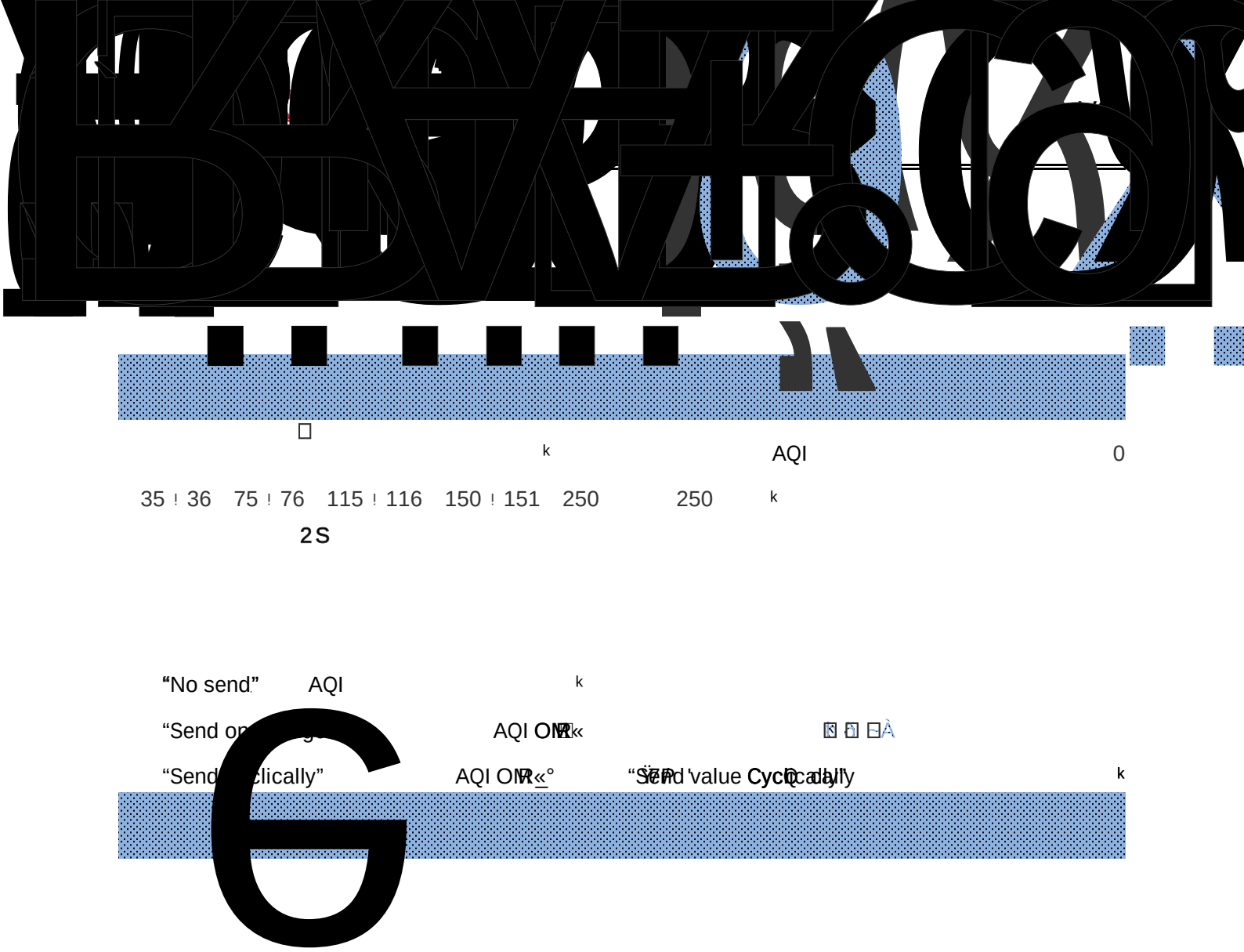
5.3.1 “AQI General settings”

PM2.5/PM10 KNX k

“40%Internal+60%External” PM2.5/PM10 A 40%

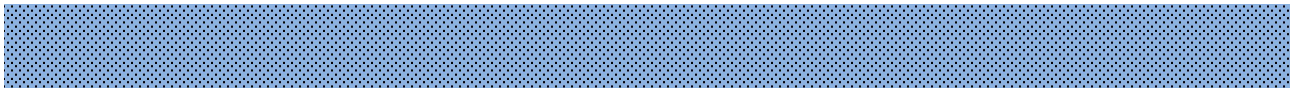
B 60% = A×40% + B×60% k

PM2.5 ! PM10 k

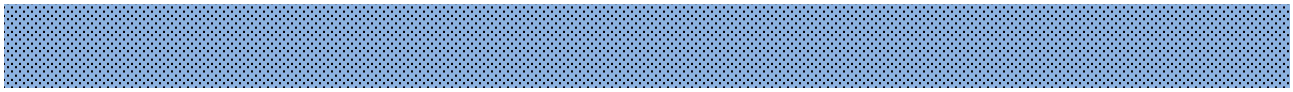


Level” k

“Send Cyclically” “AQI Value settings” “Send value Cyclically” k



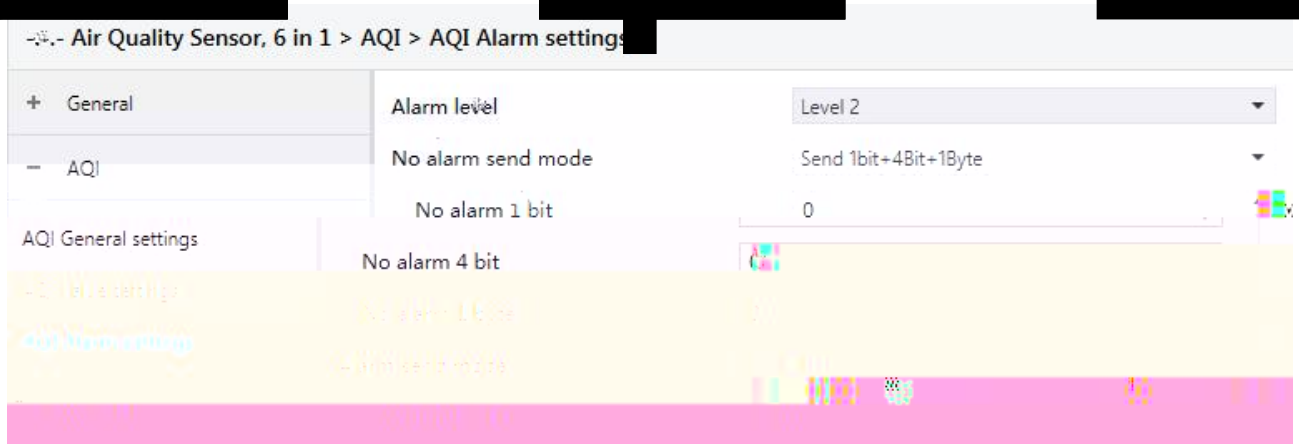
k



k

“AQI Value settings” □□ □□□ □

“AQI Alarm settings” 5.3.3 AQI k



5.3.3 “AQI Alarm settings”

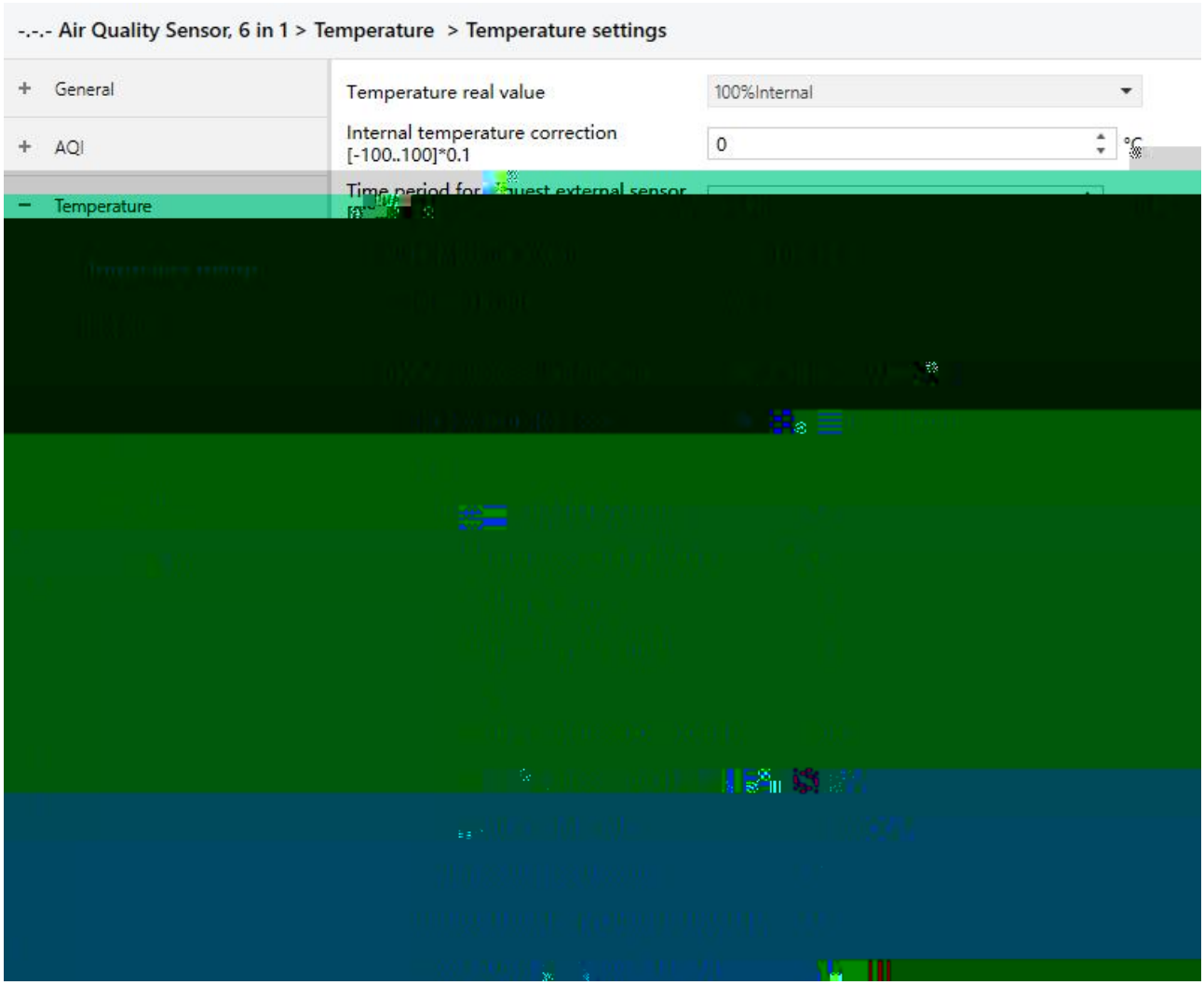
AQI “Alarm send mode”

“No alarm send mode” k

k

1Byte k

“Temperature settings” 5.4 k

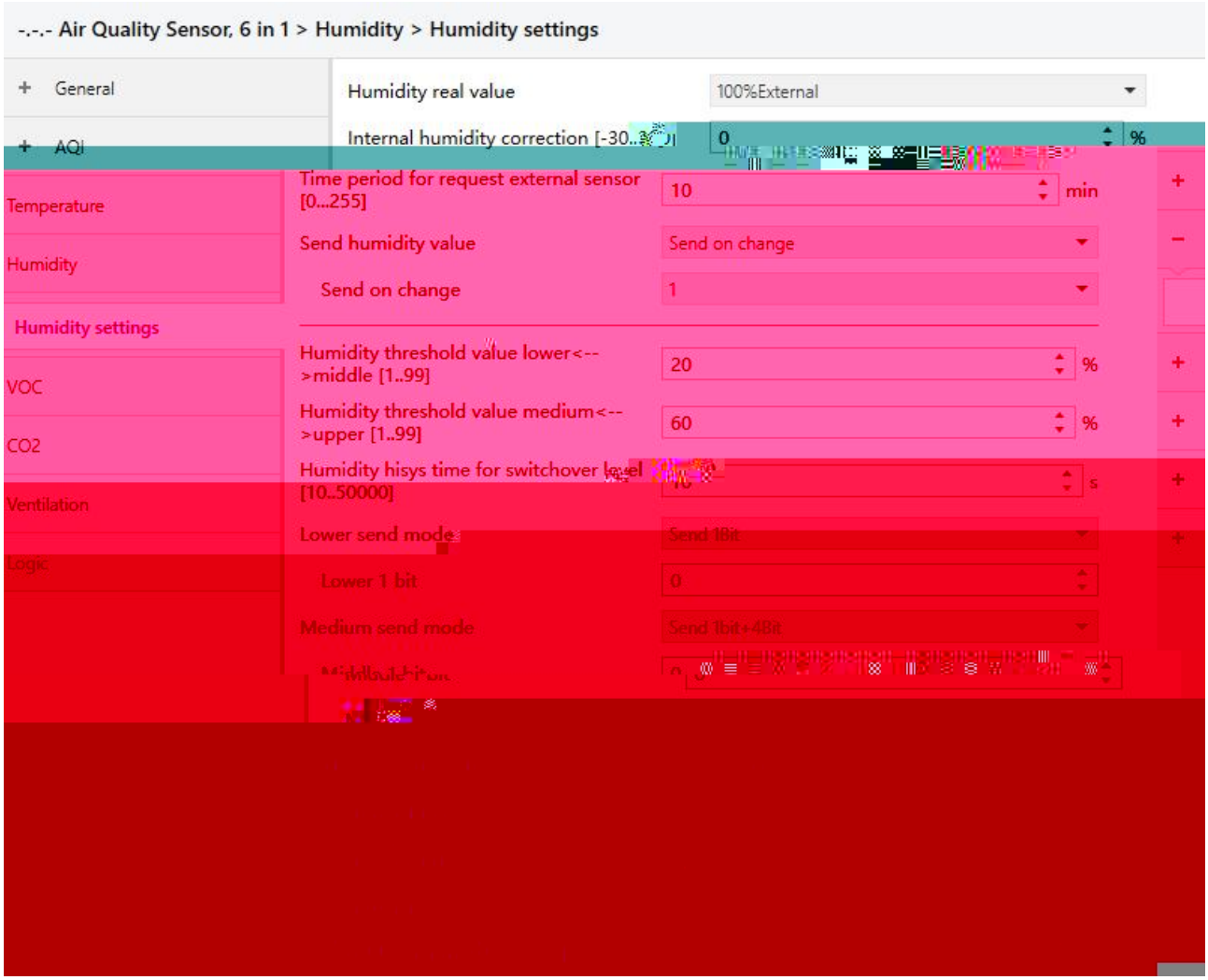


5.4 “Temperature settings”

KNX k

k

“Humidity settings” 5.5 k



5.5 “Humidity settings”

KNX k

“40%Internal+60%External” A 40%

B 60% = A×40% + B×60% k

k

= + k

100%external k

k

k

“No send” k “Send on change”

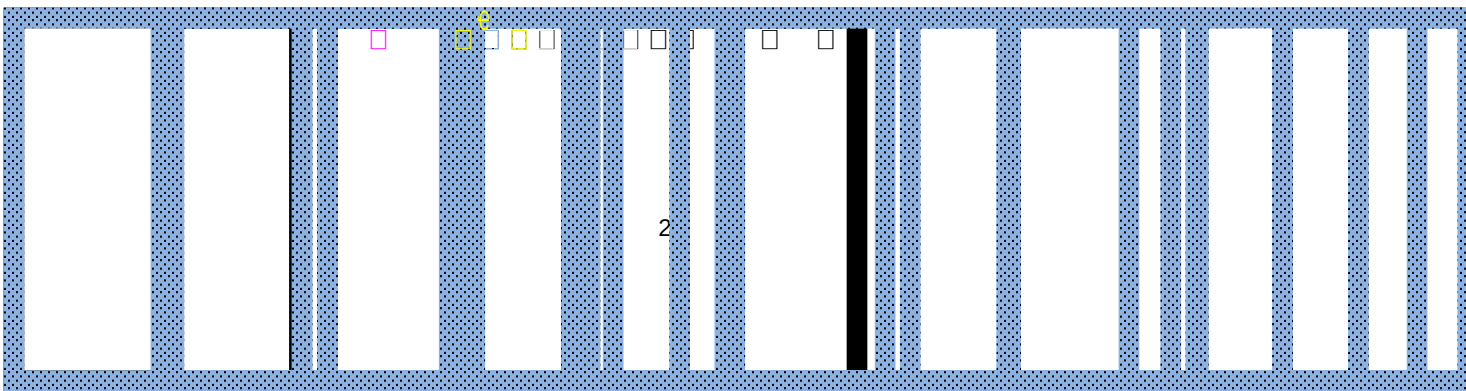
k “Send cyclically” k

k

k

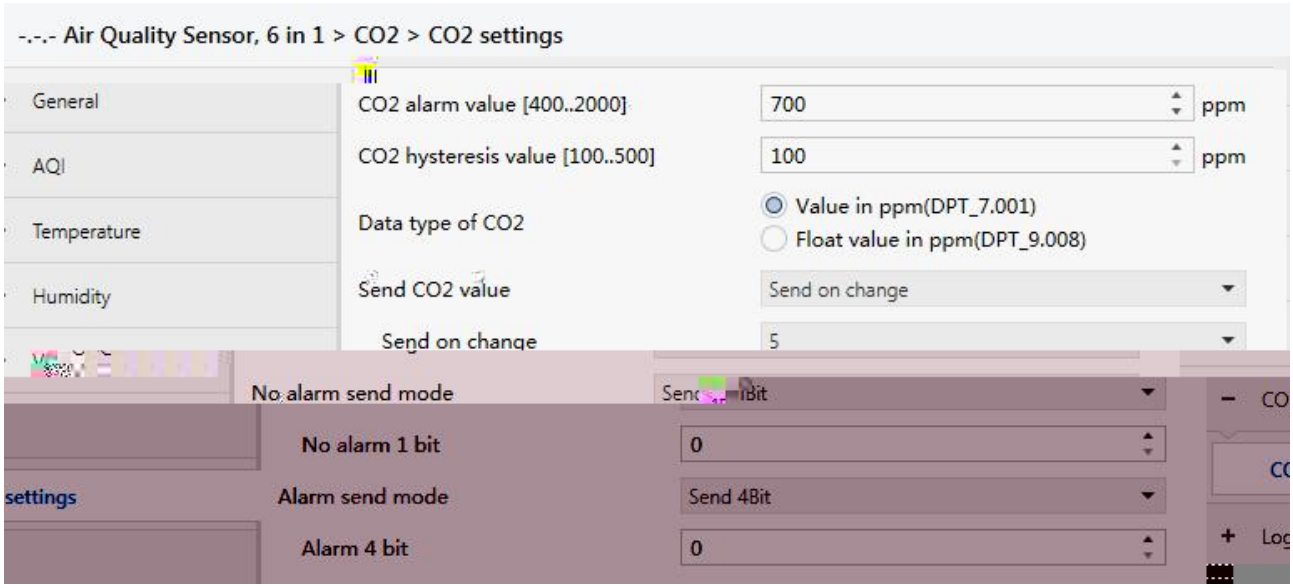
k

0% Humidi g



“No send” ɒ ɑ̃ VOC ʁk “Send on change” VOC

“CO2 settings” 5.7 k



5.7 “CO2 settings”

CO2 k

CO2 k

700 100 700ppm 600

k

CO2 k

CO2 k

“No send” CO2 k “Send on change” CO2

k “Send cyclically” CO2 k

CO2 CO2 k

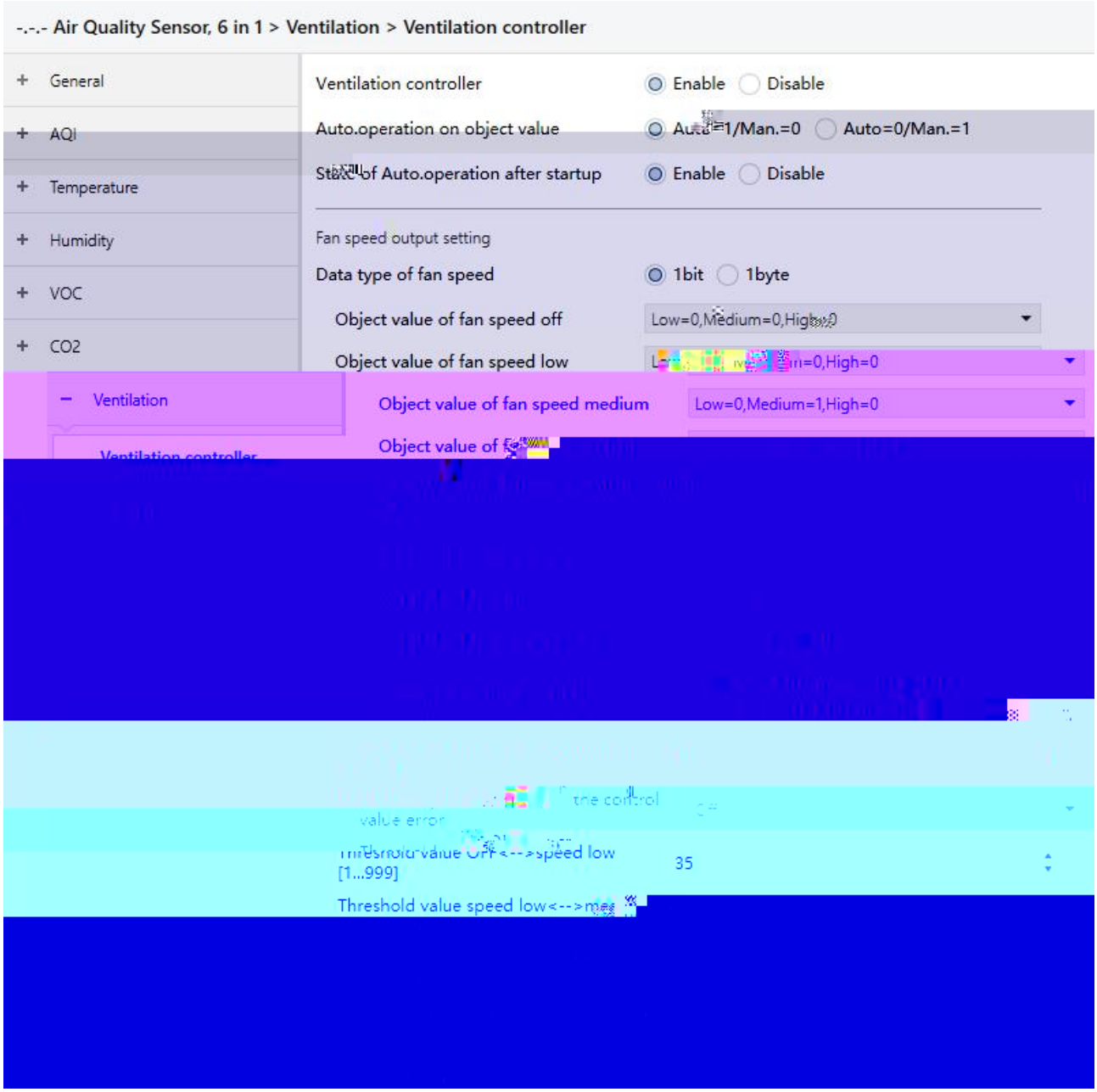
CO2 k

CO2 k

CO2 1Bit k

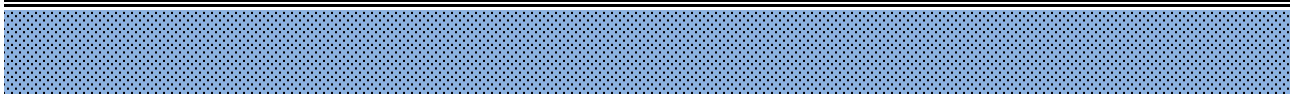
CO2 4Bit k

CO2 1Byte k

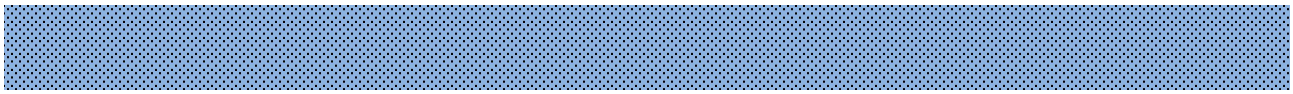


5.8 “Ventilation controller”

k



k



k

1bit k

k 0

k

k

k

“Bus” k

PM2.5 VOC k PM2.5

VOC k

DPT_7.001

k

k

k

k

k

k

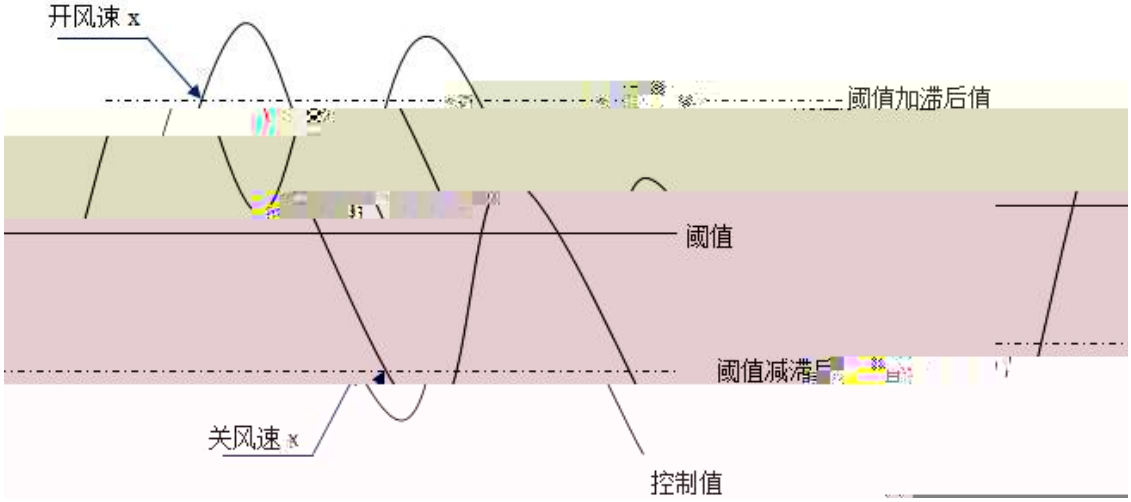
k

k

CO2 100 450 550 + 350

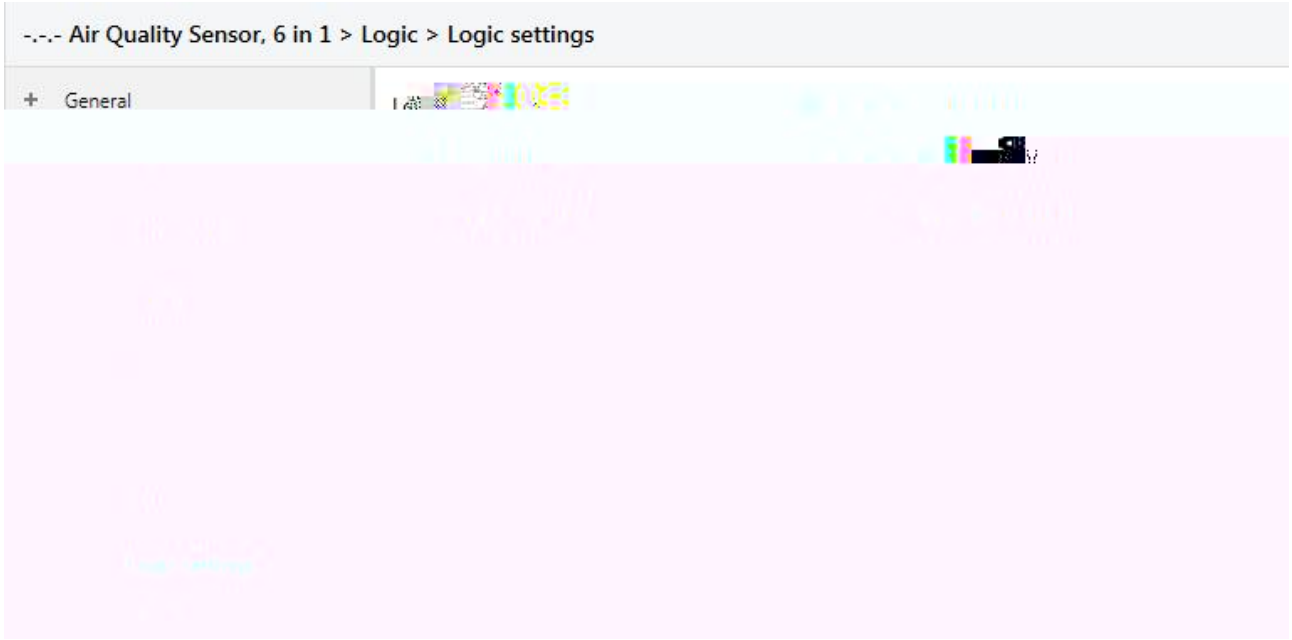
- 350~550 k

350 550 k

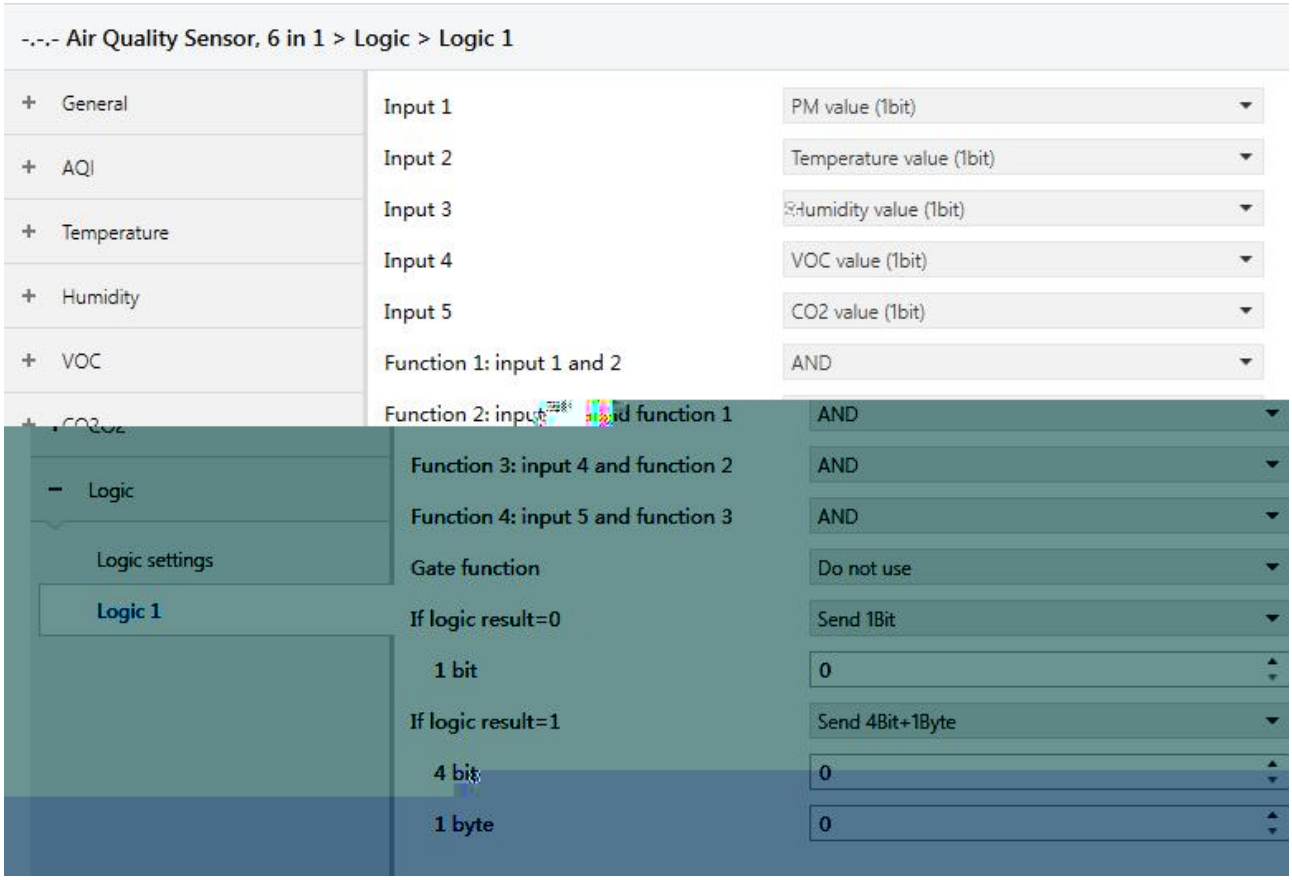


k

5.9 k



5.9(1) “Logic”



5.9(2) “Logic”

k

k

“Do not use”

“PM value (1bit)” 6

“PM alarm value (1bit)” 9

“Temperature value (1bit)” 15

“Humidity value (1bit)” 22

“VOC value (1bit)” 26

“CO2 value (1bit)” 26

“Extern input value” 32/36/40

Logic 1 value 34 1 1bit Logic2 ! Logic3

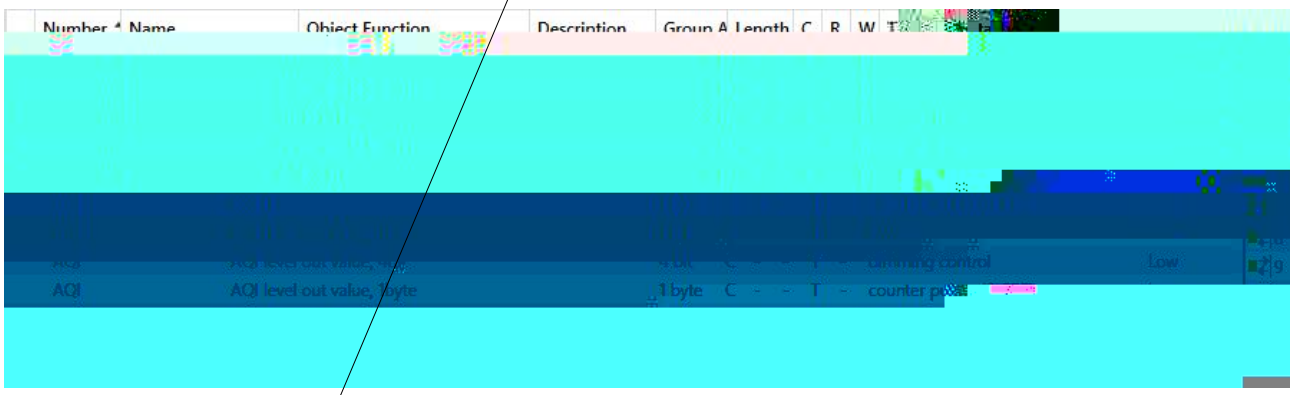
logic 2 ! 3

Logic 2 value 38 2 1bit Logic3 logic 3

KNX/E

k

k



6.1 AQI

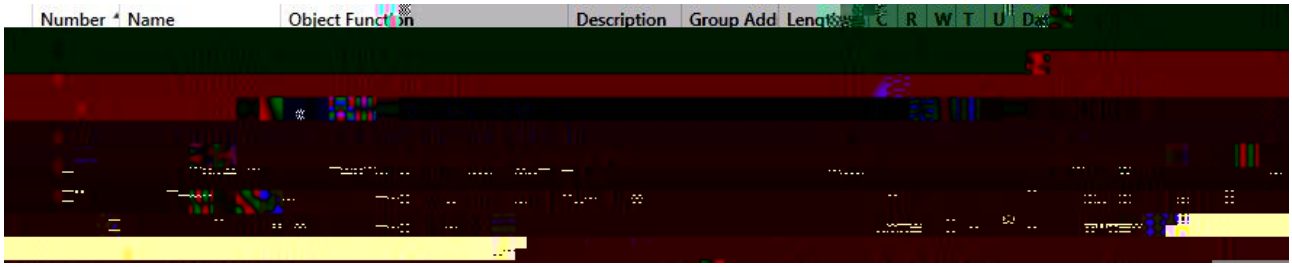
DPT

1	3	PM2.5	PM10			k	ug/m³
2	4	PM2.5	PM10		k	ug/m³	

0...500 k

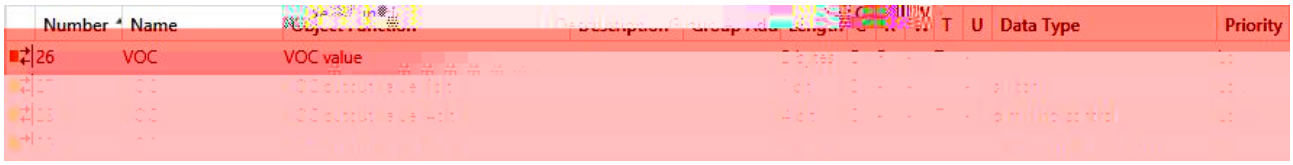
“AQI Value settings” k					
“AQI Alarm settings” k					

6.1



6.2

					DPT
					-
k					
					-
k					
/ k 1—— 0——					
k					
					-
k					



6.4 VOC

DPT

VOC VOC k

6.7

					DPT
1 0 k					
k					

6.7