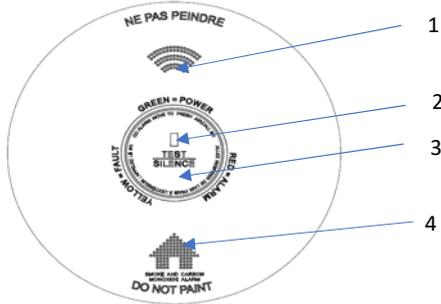


Model: GS886A-WCAT-H01

REV: Draft



- | | |
|---|------------------|
| 1 | Sounder |
| 2 | Indicator Light |
| 3 | Test/Hush Button |
| 4 | Buzzer |
| | |
| | |
| | |
| | |

Product Description:

Wired interconnection SMOKE alarm conform to UL standrads

1. GS886A-WCAT-H01 is powered by 120VAC with 1 CR17450 lithium battery backup. It is a wired interconnected SMOKE alarm with a 10-year service life. The product can be wall mounted or ceiling mounted to adapt to different user choices. It also contains a voice message system and SMART HUSH Control.

2. In order not to disturb your rest, the product has designed silence and non disturb functions. And after the product reaches its service life, the alarm will send a prompt signal to remind you that you must replace the product at this time.

3. In order to judge whether the product is in normal working condition, the product has designed a test function, which needs to be tested every week.

Certification And Standard:

Certificate Authority:	ETL
Approved Standards:	Conf. to UL STD217 Cert. to CAN/ULCSTD S531-19
RoHS、 REACH:	YES

Technical Specification:

Sensor Type:	Photoelectric
Product life:	10 Years
Supply Voltage:	120V/60HZ AC120V / 60Hz
Battery back-up:	CR17450 lltium battery
Battery Type:	Huiderui CR17450
Battery Lifetime:	10 Years
Visual Indicators:	Red +Green +yellow
Sound Level:	85dB (A) at 10ft
Silence function:	Smoke Alarm Silence: approx 8 minutes Low Battery Silence: approx 10 hours Smoke Fault silence: approx 10 hours End-of-life mute: about 10 hours (after the end-of-life signal appears for 30 days, you can't enter mute again).

Normal Operating Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Normal Operating Humidity Range:	0-95%RH (non-condensing)
Storage Temperature Range:	-4°F (-20°C) to 122°F (50°C)
Storage Humidity Range:	10-95%RH (non-condensing)
Plastic material:	Main material PPE
Flame-retarded Rating:	5VA
Body Colour:	Siter white
Dimensions:	Φ155mm*41.8mm
Weight:	Approx 305g(including batteries)
Warranty:	3 years (limited) warranty

Alarm Visual And Audible Indicators:

Operational Mode	Visual Indications	Audible Indications	Action/Note
Normal (standby)	AC power: Green LED on continuously; DC power: Green LED flashes once approx every 40 seconds.	NA	NA
Test alarm mode	The red LED flashes once every 1 second with Smoke alarm mode ,3 long beeps, Voice "Fire! " , "Incendie! " ,3 long beeps;		Perform Test button press once a week to verify proper alarm operation.
Smoke alarm mode.	Red LED flashes every 1 second in time with Smoke alarm mode.3 long beeps,Voice "Fire!" , "Incendie! " , 3 long beeps, repeat.		After the inspection, if there is any danger, start emergency measures. If it is confirmed that it is a false alarm, you can press the button to mute the product or disconnect the power supply for cleaning and maintenance.
Smoke Alarm silence mode.	RED LED flashes once approx every 8 seconds	NA	Silence time: approx 8 minutes If there is too much smoke, voice " Too much smoke,cannot be silenced" , "Trop de fumée, mode silencieux impossible" Smoke alarm pattern continues.
Wired interconnection alarm mode	When a smoke alarm occurs in one of the devices in the network, the other devices in the same network will sound smoke alarms. The sound mode of interconnection alarm is the same as smoke alarm, the red indicator does not flash, no voice prompts.		NA
Wired interconnection alarm memory	RED LED flashes once approx every 1 second.	NA	。 This state will last for approx 3 minutes before exiting.

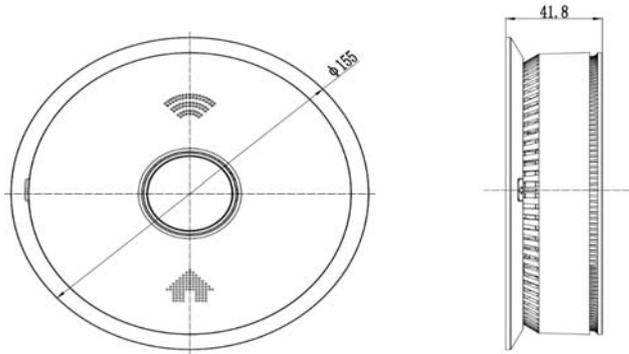
Smoke Alarm Memory	RED LED flashes once approx every 40 seconds	When The button is pressed, the voice prompts "Fire alarm before, The total number of historical alarms is X" , "Alarme incendie avant, Le nombre total d'alarmes en mémoire est de X" ;	After entering the alarm memory state, even if the power is powered on again, it can still prompt; Alarm memory is automatically exits after approx 72 hours, or manually exits by pressing the button three times within 2 seconds.
Low Battery	Yellow LED flashes once approx every 40 seconds	approx every 40 seconds, emit a chirp and a voice message saying "low battery" "Pile faible" . After 1 hour, the voice will sound once approx every 15 minutes	Replace with new products
Low Battery Silence	Yellow LED flashes once approx every 40 seconds	NA	Replace with new products Silence time: approx 10 hours
Smoke Fault: Sensor Error	Yellow LED flashes once approx every 40 seconds	approx 40 seconds to chirp, approx 40 seconds to sound once the voice "smoke sensor error" and Erreur du capteur de fumée" . After an hour, the voice will sound once approx every 15 minutes.	Remove, dispose unit, and replace as soon as possible.
Smoke Fault: Sensor Error Silence	Yellow LED flashes once approx every 40 seconds	NA	Remove, dispose unit, and replace as soon as possible. Silence time: approx 10 hours
End-of-Life	Yellow LED flashes twice once approx every 40 seconds	approx 40 seconds to twice chirp. approx 40 seconds to sound once the voice "End of life" , "Fin de vie" . After an hour, the voice will sound once approx every 15 minutes.	Press Test/Silence button once to silence for 10 hours. Note:After 30 days of the first occurrence of end of life singal , can not be silenced anymore . Remove and dispose your unit, and replace as soon as possible

Packing List:

Component	Specification	Quantity	Place
Product	Φ155mm*41.8mm	1	In color box
English-French bilingual instruction manual	A3	1	In color box
Ordinary bubble bags,	200*210mm	1	In color box
Screw pack	Screws*2 ST3.9x25mm Expansion plugs*2 Φ7.5*28.6mm	1	In color box
Bracket	PC/ABS,φ155*10mm	1	In color box
Dust Cap	Φ180mm	1	In color box

Plug assembly	L:Black electron wire,170mm N:White electron wire,170mm I/O:Red electron wire,170mm	1	In color box
Color box	165*165*52.5mm	1	

Dimensional Drawing:



Unit: mm

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Approved by:

Frank.Jon