

Smart Smoke Alarm

Model Number:ZSD20



1.Specification:

Type	Smart Smoke Alarm
Model	ZSD20
Wireless technology	Zigbee 3.0
Transmission frequency	2.4GHz
Sound pressure level	≥ 85 dB(A) (at 3 meters in the front)
Rated working voltage	DC3V
Standby current	<10 uA
Alarm current	<65 mA
Working temperature	-10°C~50°C
Working humidity	≤95%RH
Battery life More than	More than 3 years
Communication distance	≤30m indoors

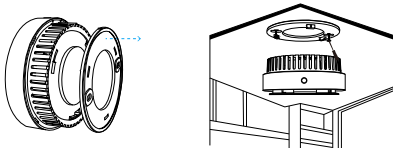
2.Light, sound and buttons :

A. Red light stays on constantly	After being powered on, it will automatically enter the calibration mode. If the calibration is successful, it will enter the standby mode. If it fails, the red light will stay on constantly. At this time, make sure the air is clean and then reinstall the battery
B. The sound beeps continuously for 3 times, stops for 1 second, and then beeps for another 3 times	The Zigbee is not connected to the network. Press the button five times briefly to make the device enter the network configuration state

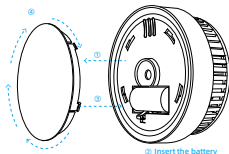
C.The buzzer beeps once every 40 seconds	The power supply voltage is lower than 2.7V. Replace the battery.
D. The buzzer beeps twice every 40 seconds	There is a malfunction, and the flashing frequency of the light changes to turn on for 100 milliseconds and then turn off for 300 milliseconds
E. The buzzer beeps three times every 40 seconds	The communication of the Zigbee module fails or the module becomes detached.
F. The buzzer beeps four times every 40 seconds	The communication of the Zigbee module fails or the module becomes detached and the battery is in a low voltage state.
G. The buzzer beeps three times and then stops for 2 seconds, repeating continuously	The smoke concentration has reached the set range (the smoke concentration causes the light signal attenuation of the smoke detector to reach about 15%, triggering the alarm).
Press the button 5 times briefly	Enter network config
Hold button while powering on, press 3 times within 10s	Enter test mode
Long press button	Test alarm. The device will beep
Press once briefly	When smoke alarm activates, press once to mute for 9 mins

3.Installation:

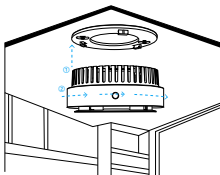
- ①.Remove the bottom mounting slot, and then screw the corresponding screw holes into the ceiling (or use double-sided adhesive to stick it onto the wall surface)



- ②.Insert the battery and rotate the front cover to the designated position. (Note: If the battery is not installed, the front cover cannot be rotated)



③.Align the whole product with the mounting slot holes, and then rotate the product counterclockwise to snap it into the mounting slot



4.Networking:

①.Scan the QR code to download “AVATTO” or “Smart Life” APP(Recommend using AVATTO APP, which has more customization functions)



【AVATTO】 App



【Smart Life】 App

②.Press the device button 5 times briefly. The device light will turn on for 1 second and then turn off for 1 second, and then it will enter the pairing mode (which lasts for 3 minutes. If the pairing is successful within 3 minutes, the LED will go out; otherwise, it will enter the malfunction mode)



③.Make sure your mobile phone is connected to 2.4G WIFI and open bluetooth, connect Gateway, then open the 'AVATTO' APP(or "Smart Life"APP), Click "+" (Add sub-device) to select the device and follow the on-screen instruction for paring

