



Orvibo SF30

· Specification summary

Device class	Smart smoke sensor
Sensing principle	The Chinese manufacturer page describes photoelectric sensing. No detection sensitivity, approval standard or installed fire-alarm performance is established here.
Power reference	3 V with a CR123A battery is listed. Battery inclusion, replacement instructions and service life require confirmation for the supplied unit.
Standby current	Less than 6 μ A is listed as a manufacturer reference; this is not a battery-life calculation or guarantee.
Alarm current	Less than 30 mA is listed. This does not establish a battery runtime under alarm.
Low-voltage warning	2.6 V $\pm$ 0.2 V is the listed warning threshold. Follow the actual supplied battery and maintenance instructions.
Local warning	A flashing red LED and buzzer warning are described. Audibility in a room or building, emergency response and remote delivery are not guaranteed.
Networking	Zigbee networking is listed. Confirm the compatible gateway, region and actual system; do not assume Wi-Fi, Matter or direct internet access.
Operating temperature	-10 to +55 $^{\circ}$ C is listed. Confirm the intended environment and supplied instructions.
Ambient humidity	Maximum 95% RH is listed. No enclosure or condensation-protection rating is established by that value.
Mounting reference	Ceiling mounting is listed. Placement, commissioning and any required safety-system approval need the actual instructions and a qualified installer.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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