

spectre

your new simple life

Catalogue 2023

evonna

Smart Sensors







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Standalone Door & Window Sensor



Door & Window Sensor



PIR Motion Sensor



Temperature & Humidity Sensor



Smoke Sensor



Gas Sensor



Water Sensor



Indoor Siren



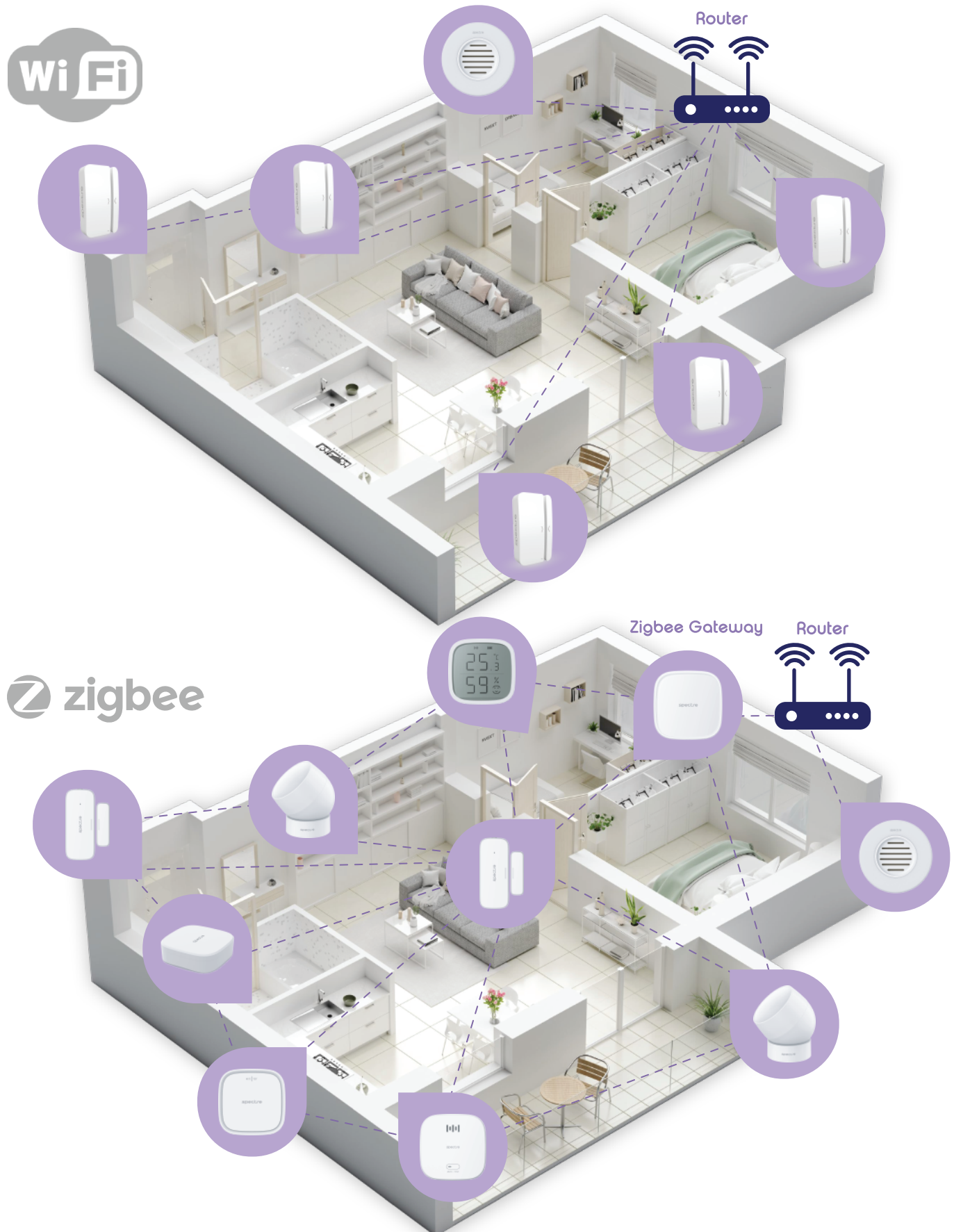
Scenario Button



Multi-function Gateway

WiFi and Zigbee

Having both WiFi and Zigbee models, Evonna sensors are designed to cover the needs of various users.



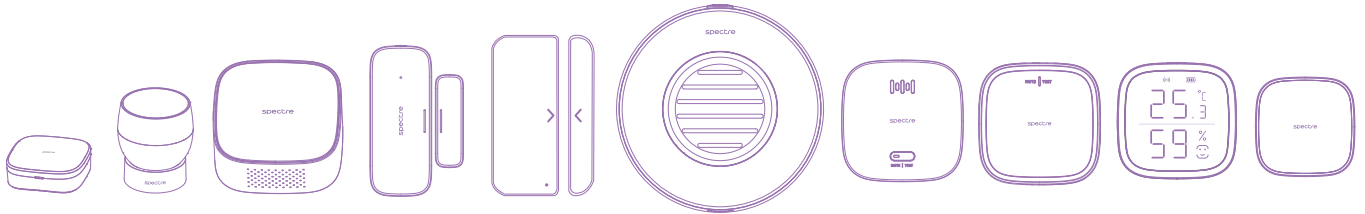
Powered by Tuya, all Evonna products can be monitored via **Smart Life** or **Tuya Smart** mobile applications from your smartphone.

App Monitor



Voice Command





Battery driven

Evonna sensors except for Gas Leakage Sensors are powered by battery and do not require any cabling. Low battery warning will be sent out to your mobile phone when battery capacity falls below 10 %.



Anti - tampering (on select models)

Evonna Zigbee door & window sensor and Smoke Sensor will trigger alarm and sends notification to your smart-phone if they are removed from their surface.



App monitoring

Powered by Tuya , all Evonna sensors can be monitored via Smart Life or Tuya Smart mobile application from your smartphone You can also view historical logs for each sensor.



Voice command

Check the status of the sensors with voice command using Amazon Alexa or Google Assistant.



Smart linkage

Evonna sensors can link to other smart devices to build up your desired scenarios.

e.g. Turn off A/C when the window is opened.

e.g. Close the gas valve if gas leakage is detected.



Programmable

Program your products to beat to the rhythm of your personal routine and needs.

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Smart sensors linked together to provide your with peace of mind and control over your home or office.



reddot design award





Standalone Door & Window Sensor

- Monitor Door & Window's Status
- Supports linkage control and remote reminder
- Multi-Scene Application
- Standalone. No need for a gateway.



Specifications:

Power supply mode	2x AAA DC1.5V	Anti-tamper	No
Working temperature	-10°C ~ +40°C	Low battery notification	Yes
Working humidity	≤%85 RH	Standby time	4 to 6 months
Communication protocol	WiFi 2.4GHz	Wireless range	45 meters
Dimensions (Main)	65mm x 27.5 mm x 19.5mm	Standby current	≤5μA
Dimensions (Magnet)	64mm x 10.5mm x 19.5mm		



Door & Window Sensor

- Monitor the status of doors & windows
- Professional anti-tamper design
- Supports linkage control and remote reminder
- Customizable scenarios considering the door or window status
- User off-home mode: Timely intrusion alert
- Ultra low power consumption
- Application on doors, gates, windows, cash registers, etc.



Specifications:

Power supply mode	DC3V Battery, 2x CR1632	Anti-tamper	Yes
Working temperature	-10°C ~ +55°C	Low battery notification	Yes
Working humidity	≤%95 RH	Standby time	1 year (triggered 30 times a day)
Communication protocol	Zigbee 3.0	Magnetic control distance	≥20mm
Dimensions (Main)	54mm x 22.2mm x 12.5mm		
Dimensions (Magnet)	33.3mm x 10.2mm x 12.5 mm		



PIR Motion Sensor

- Accurate recognition of human movement in the area
- New generation Fresnel Lens technology
- Precise quaternary IR detector
- 360 degree adjustable detection angle
- Exquisite and light, unlimited possibilities



Specifications:

Power supply mode	DC3V Battery, 1x CR2450	Detection distance	7 meters
Working temperature	-10°C ~ +55°C	Detection angle	70 degrees
Working humidity	≤%95 RH	Low battery notification	Supported
Communication protocol	Zigbee 3.0	Temperature compensation	Supported
Installation method	Wall-mounted with 3M tape	Test mode	Supported
Battery life	1 year (triggered 30 times a day)	Dimensions	Φ40mm x 48mm
Housing material	PC+ABS		



Temperature & Humidity Sensor

- Real-time monitoring shows temperature & Humidity changes
- Accurate monitoring, considerate care
- Narrow-edge design, clear display
- Expression display
- Double air flow window design



Specifications:

Power supply mode	DC3V Battery, 1x CR2450	Low battery notification	Support
Working temperature	-10°C ~ +55°C	Emoticon display	Smile and Cry emoticon
Working humidity	≤%95 RH	Detection accuracy	Temperature: ±0.2°C Humidity: ±%2RH
Communication protocol	Zigbee 3.0	Housing material	PC+ABS
Dimensions	61.8mm x 60mm x 13.5mm	Installation method	Desktop or wall-mount with 3M tape
Standby time	1 year		



Smoke Sensor

- Smart smoke alarm to prevent fire at an early stage
- New generation of high-sensitivity labyrinth
- Intelligent double-identification algorithm
- Anti-tamper design
- Battery-driven
- 85db high resolution alarm
- Application in houses, hotels, factories, shopping malls, and other public places.



Specifications:

Power supply mode	DC3V Battery, 1x CR123A	Indicator light	LED: Red, Green, Yellow
Working temperature	-10°C ~ +55°C	Alarm sound level	85dB @ 3m
Working humidity	≤%95 RH	Housing material	PC+ABS
Communication protocol	Zigbee 3.0	Other functions	Regular self-test
Dimensions	70.5mm x 70.5mm x 29mm	Installation method	Ceiling mounted with 3M tape or screw
Anti-tamper	Yes	Detection range	50 square meters
Standby time	5 years	Low battery notification	Supported
Button	Self-check , Mute		



Gas Leakage Sensor

- Detects the concentration of natural gas
- Unique air flow window design
- Double calibration precision monitoring
- Supports remote mute and remote self-test
- 70db alarm sound
- Works with other equipment to reduce danger
- Application in kitchens, restaurants, canteens, etc.



Specifications:

Power supply mode	DC12V power adapter	Alarm concentration error	<%3 LEL
Working temperature	-10°C ~ +55°C	Indicator light	LED: Red, Green, Yellow
Working humidity	≤%95 RH	Alarm sound level	70dB @ 1m
Communication protocol	Zigbee 3.0	Housing material	PC+ABS
Installation method	Ceiling and wall hanging	Other functions	Regular self-test, remote self-test
Alarm concentration	%6 LEL	Dimensions	66mm x 66mm x 29mm
Button	Self-check, Mute		



Water Sensor

- Monitor water soaking & leaking. Timely alert in case of danger
- Innovative double-sided design
- IP66 waterproof design
- Fragmentation dormancy mechanism
- Application in homes, server rooms, warehouses, etc.



Specifications:

Power supply mode	DC3V Battery, 1x CR2032	Detection water level	0.5mm
Working temperature	-10°C ~ +55°C	Low battery notification	Supported
Working humidity	≤%95 RH	Housing material	PC+ABS
Communication protocol	Zigbee 3.0	Installation method	Wall-mounted/On the floor
Dimensions	45.5mm x 45.5mm x 14.2mm	Standby time	1 year (triggered 30 times a day)



Indoor Siren

- Customizable alarm duration and volume
- Built-in battery, resumes operation during power cut
- Exquisite craft and scrupulous working
- Small size, elegant look
- Up to 105dB alarm sound



Specifications:

Power supply mode	DC5V power adapter	Buzzer level	105dB @ 1m
Working temperature	-10°C ~ +55°C	Dimensions	Φ80x45mm
Working humidity	≤%95 RH	Housing material	ABS
Communication protocol	Zigbee 3.0	Mounting method	Desktop or wall-mounted



Scenario Button

- Smart wireless scene button, suitable for multiple scenarios
- Can be used as various devices: Smart Switch, Wireless Doorbell, Emergency Button and Scenario customization.
- Four cantilever balance structure design
- Tool-free installation, easy to use



Specifications:

Power supply mode	DC3V Battery, 1x CR2032	Battery life	1 year (triggered 30 times a day)
Working temperature	-10°C ~ +55°C	Dimensions	44.5mm x 44.5mm x 13mm
Working humidity	≤%95 RH	Housing material	PC+ABS
Communication protocol	Zigbee 3.0	Mounting method	Desktop or wall-mounted with 3M tape
Low battery notification	Supported	Trigger mode	Click, Double-click, Long press



Multi-function Gateway

- Smart device connection center
- Route-level SOC scheme
- Stable operation during network disconnection
- Smart app control
- One device, multiple functions
- User in-home mode: smart doorbell for guests to visit.
- Lights up automatically if you get up at night.
- User off-home mode: immediate alarm for any intrusion.



Specifications:

Power supply mode	12VDC power adapter	Installation method	Desktop placed
Working temperature	-10°C ~ +55°C	Dimensions	70mm x 70mm x 32.5mm
Working humidity	≤%90 RH	Housing material	PCS+ABS
Communication protocol	Zigbee 3.0 / WiFi 2.4GHz	Night-light function	Supported, with adjustable brightness
OTA upgrade	Supported	Sensitivity	-102 dBm
Transmit power	<10 dBm	Voice prompts	Supported, serves as doorbell/alarm
Number of supported sub-devices	32	Button	Yes, switchable night light and alert status

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