



ZigBee Heiman HS1CG-E Tuya smart natural gas leak sensor

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Heiman ZigBee HS1CG-E Tuya smart natural gas leak detector

Heiman HS1CG-E is used to detect natural gas (methane, CH₄) leakage, providing continuous protection 24 hours a day. It consumes an average of 1.5 watts of power, making it energy efficient and effective in operation. With easy installation by plugging directly into an electrical outlet, the device is ready for use almost immediately after plugging in.

Fast startup and high sensitivity

The start-up time of the sensor is only 2-3 minutes, after which the device begins to effectively monitor gas levels. The device has a high alarm sensitivity of 6% LEL \pm 3% LEL, which ensures fast and accurate detection of even small leaks. When it detects a dangerous gas level, it triggers an alarm with a volume of 70 dB at a distance of 1 meter, effectively warning of the danger.

Zigbee network and signal amplifier

The Heiman HS1CG-E uses the standard Zigbee protocol, which offers a network range of up to 70 meters in open space, ensuring a stable and reliable connection. In addition, the network power amplifier function increases the wireless range, which is particularly useful in larger homes and buildings. Thanks to its wide compatibility, the sensor can be easily integrated with other smart devices in the home.

Safety and durability

The sensor's housing was created from flame-retardant material, which guarantees safe and reliable operation in emergency situations. The product is also equipped with an interchangeable plug, making it suitable for use in different countries, meeting international standards.

Smart functions and remote control

The Heiman HS1CG-E has many smart features, such as remote control, the ability to silence the alarm, and real-time monitoring via the Tuya (Smart Life) app. If a gas leak is detected, the device can automatically control other connected devices, such as the exhaust fan, to quickly remove the natural gas from the room and prevent the danger.

Manufacturer Heiman Model HS1CG-E Operating voltage AC 100-240 V Average power consumption 1.5 W Alarm sensitivity 6% LEL \pm 3% LEL Alarm volume 70 dB / 1 m Activation time 2-3 min Network Zigbee Network range approx. 70 m (open space) Dimensions 79 x 68 x 31 mm (without plug) Operating temperature -10°C ~ +50°C Operating humidity \leq 95%RH (non-condensing)

Price:

€ 31.00

Smart Home, Actuators, Sensors