



Product Description



This product is a smart door sensor based on LoRa/LoRaWAN communication that can remotely monitor the opening and closing status of doors and windows. When the door and window opening magnets are separated from the main body by more than a certain distance, an alarm message will be sent to the gateway. The gateway is connected to the cloud platform, allowing users to remotely view the status of doors and windows on the cloud platform.



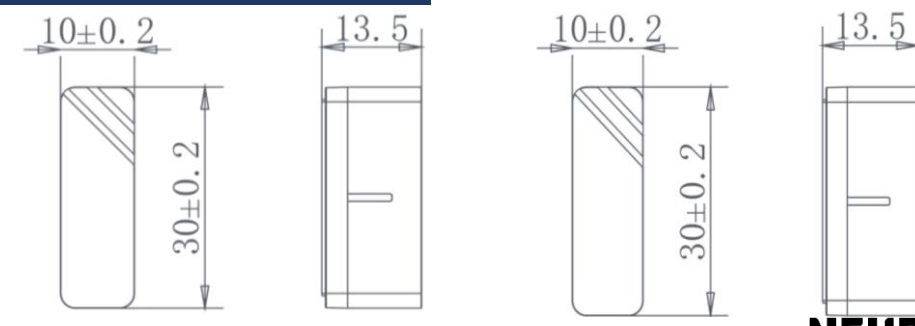
Product Features

- Suitable for various doors/windows of different materials.
- Automatically report opening and closing events to form data statistics and alarm data collection.
- Low-power microcontrollers and communication modules.
- Uploading through wireless LoRa or LoRaWAN® has high real-time performance.
- Ultra-wide-distance transmission up to the line of sight of 15 km
- Function well with standard LoRaWAN® gateways and network servers



Product Dimensions

Unit: mm



Magnetic Contact Switch Datasheet



Specifications

Support Protocol	LORA Private Protocol (nLoRa)
Working Frequency	433~450MHZ
Channel Bandwidth	500KHZ
Wireless Standards	LORA
Maximum Transmit Power	22dbm
Power Consumption	Emission current 65mA Receive current 10mA
Spreading Factor	7~12
Power Supply	DC 3V button battery
Operating Temp.	-10°C~+60°C
Operating Humidity	≤95%RH (non-condensing)
Housing Material	Colloidal
Product Composition	Main body, magnetic body
Report Type	Trigger reporting

