IoT monitoring

IoT Door and Window Opening Monitor, LoRaWAN and NB-IoT

Model CS-iDLM-01

Battery-powered door and window opening monitor with a magnetic steel trigger, reporting over LoRaWAN or NB-IoT, with 2-3 Years battery life and IP65 protection.



Output
FPC Antenna

Frequency
B1/B3/B5/B8/B20

Protection
IP65

Features

- LoRaWAN and NB-IoT
- Magnetic steel trigger, distance ≥2cm
- Li-ion battery ER26500M (3.6V)
- Flame-retardant ABS shell
- Easy installation

Applications

Home quarantine, Epidemic control, Valuables management

Specifications

Wireless

Working frequency band (NB-IoT)	B1/B3/B5/B8/B20
Working frequency band (LoRaWAN)	433MHz/470MHz/868MHz/915MHz
Antenna interface (LoRaWAN / NB-IoT)	FPC Antenna

Electrical

Working voltage	Powered by Li-ion battery ER26500M (3.6V)
Battery life	2-3 Years
Maximum working current (NB-IoT)	<200mA
Maximum working current (LoRaWAN)	<120mA
Standby current	<20.0uA

Performance

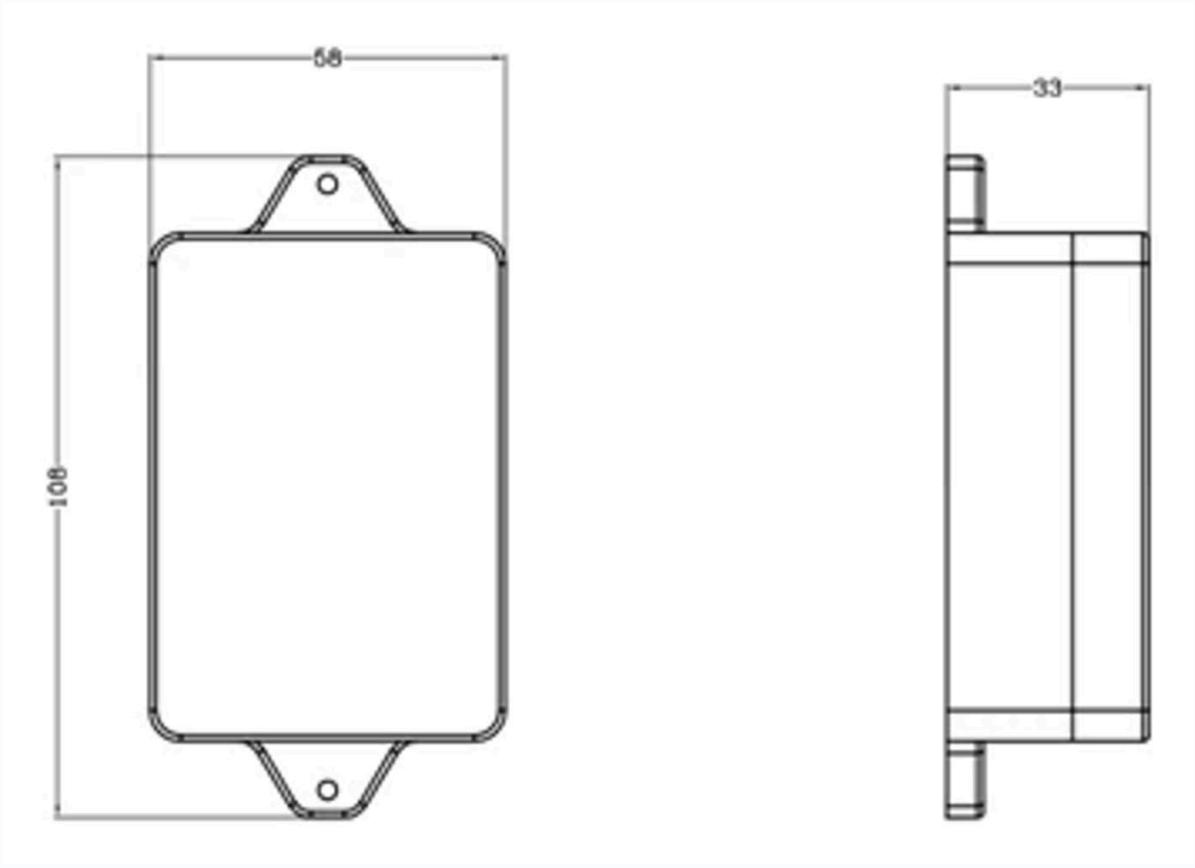
Trigger distance of magnetic steel	≥2cm
Mechanical	
IP grade	IP65
Shell material	Flame-retardant ABS
Environmental	
Working temperature (NB-IoT, consumer SIM card)	(-25–+85)°C
Storage temperature	(-40–+85)°C

Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

Guangzhou Dwin Technology Co., Ltd., 4th Floor, Building 2, No. 4 Xingye Road, Xiaowu Second Industrial Zone, Dongyong Town, Nansha District, Guangzhou, China. Specifications are typical values and may change without notice; confirm critical values with DWIN before design-in. Revision 2026-11.

Dimensions and wiring





Drawings are for reference. Dimensions in millimetres unless stated.