

Wireless Door Magnetic sensor

(Family - IoT)

Product Description:

Vignaharta introduces battery operated wireless door magnetic sensor (WDMS) based on 865 MHz wireless LoRa technology. The sensor's embedded LoRaWAN™ class a protocol enables seamless connectivity to any LoRaWAN compliant network infrastructure.

Wireless door magnetic sensor (WDMS) can be used to detect when a door or window is opened and closed using a magnetic switch. It detects when a door or window is accessed.

It has LED indications which sends alerts over cloud connectivity through LoRa.



Application:

- Smart homes door and window access
- Commercial property door and window access
- Factory
- Smart washroom
- Restricted area monitoring
- Garage door monitoring

USPs:

- Accurate sensing
- App notification
- Tamper indication
- Easy installation on any kind of door
- ISM band: 865-867 MHz
- Magnetic reed switch sensor
- LoRa device class: A
- Sleep current: 15 uA
- Door opening / closing indication: green LED
- Compatible to Tata Communications Ltd. LoRa network
- Configurable confirmed or unconfirmed mode of operation
- Optional relay output on door open
- Internal antenna



WDMS-LR



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Technical Specifications:

General information	
Operating voltage	3 V
Transmission	Periodic or events
Operating temperature	-10° C to + 50° C
Battery	3 V, 1400 m A , CR123 A lithium battery
Connectivity	LoRa (Optional-WiFi)
Tamper indication	Available
Sensor type	Magnetic reed switch
ISM band	865-867 MHz

Datasheet version with date (V.2 Oct.2020)



Vignaharta™

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