

FIFOTRACK DOOR SENSOR

USER GUIDE



Model: Door Sensor

Version: V1.1

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Document History

Version	Revision Date	Author	Detail
V1.1	July 15, 2021	Cici Wu	Initial Version

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1 Product Overview


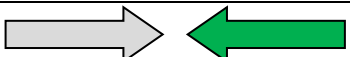
The door sensor is for detecting the door open/close state. According to the pair door sensors distance, the door sensor can generate signal to indicate the state of door. Working together with the GPS tracker, users can monitor the door state remotely in the tracking platform.

2 Specification


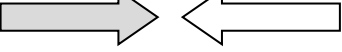
Items	Description
Dimension	104*14*15mm
Wire length	250mm
Weight	99g (A pair two door sensors)
Detection distance	<40mm
Signal type	Connect to negative digital input of GPS tracker, active=1=door close, inactive=0=door open
Material	Zinc alloy
Applied model	A100/A300/A500/A600/A700/S20/S30/S50/S70

3 Wire Connection

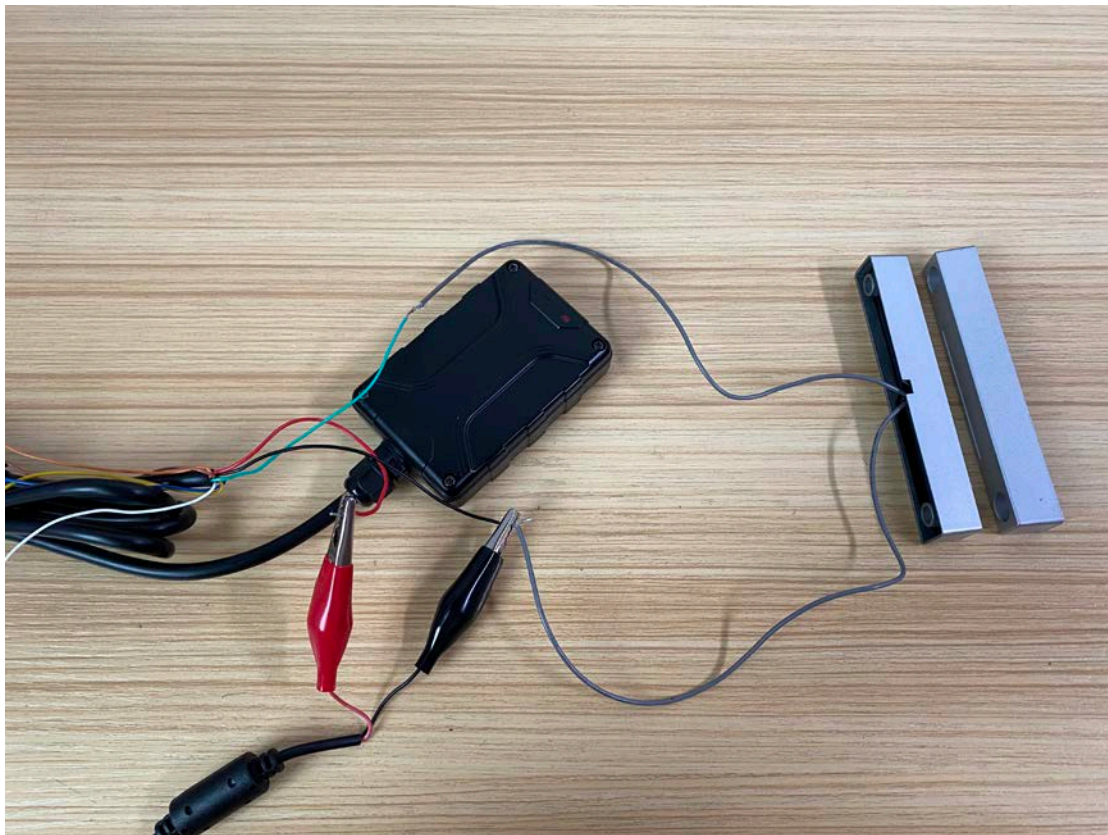
For the S series GPS tracker model, door sensor connects to negative digital input1

Door sensor	Wire Connection	S series GPS track (S20 S30 S50 S70)
Gray cable (door sensor two wires no difference, no need to identify)		GND(Black)
		Input1 (Green)

For A300/A500/A600/A700 models, suggest door sensor connect to digital input4

Door sensor	Wire Connection	A series GPS track (A300/A500/A600/A700)
Gray cable (door sensor two wires no difference, no need to identify)		GND(Black)
Gray cable (door sensor two wires no difference, no need to identify)		Input4 (White)

Below is the door sensor wire connection example with S series model



4 Command to Enable the Door Sensor Alarm

SMS command:

000000,B23,<alm-code><GPRS><SMS><two-way-call><monitor><photo><AN-idx>

For example: **000000,B23,2,100000**

000000: Default SMS command password, you can set own password.

B23: command to set up alarm action

2: Alarm code

1: Disable/enable GPRS uploading

0: Disable/enable SMS to SOS number

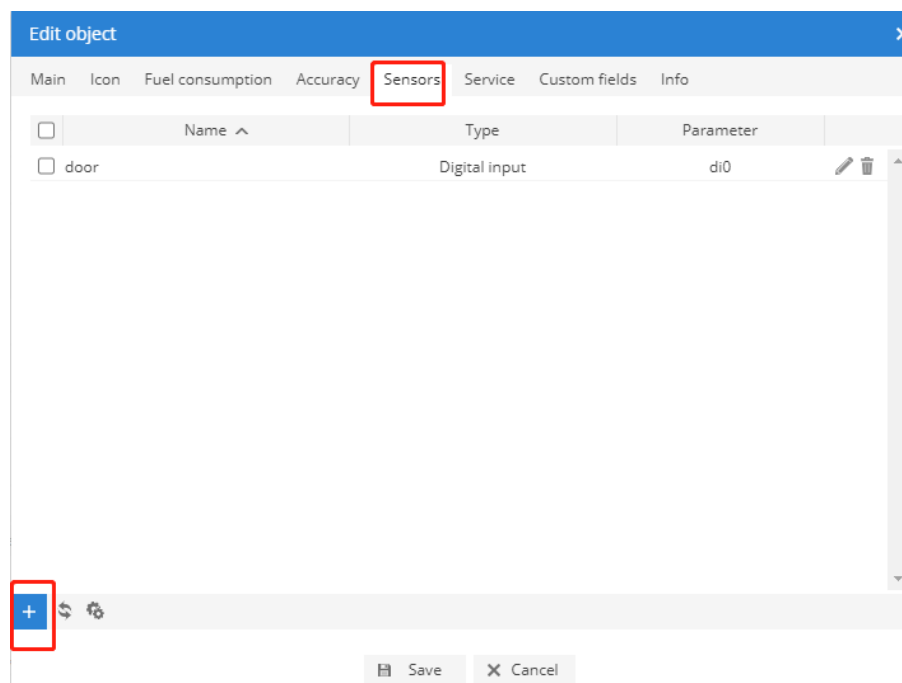
0: Disable/enable SOS number dialing under monitor mode

0: Disable/enable photographing, set to 0 for actual usage.

0: complicated action, value 1-6, which corresponds to AN-idx field in B24 command, AN is composed of a serial command sets, performing user define operations, refer to B24 command for detail

5 Monitoring Door State in Platform

1. Setting sensor properties



Time	Object	Event
10:46:45	S20 amy test	Door close
10:45:53	S20 amy test	Door close
10:44:57	S20 amy test	Door open
10:41:34	S20 amy test	Door close
10:38:44	S20 amy test	Door close
10:33:36	S20 amy test	Door close
10:27:41	S20 amy test	Door close
10:20:59	S20 amy test	Door close
10:19:28	S20 amy test	Door close
10:18:03	S20 amy test	Door close
10:17:38	S20 amy test	Door close
10:16:57	S20 amy test	Door close

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Data	Value
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Please e-mail us at info@fifotrack.com if any question or feedback.