



GSM DIALER FOR REMOTE CONTROL



- **GSM Smart Dialer** has a wide variety of application and use, perfect for situations where remote control and management is necessary.

- Ideal for securing homes and offices.

- Enables remote control and alerts over different electrical appliances such as air conditioners, boilers and heating systems, automatic home systems and others.

- The dialer works with all mobile operators without limitations.

- Activated and ready for use simply by sending only ONE SMS containing the main phone number as specified in the device.

- The device works with up to 500 authorised phone numbers.

- If a dialled number does not answer, the device has an algorithm to automatically dial every consecutive number from a list previously set up by the user.

- Two digital inputs which, if triggered, can imitate a call, send an SMS, or both.

- Separate trigger timestamps can be set on each input.

- The device can be connected to an alarm system with the goal of tracking the current state and transmitting alarm signals.

- Two independent and easily controlled outputs. The outputs can be modified to have different settings and operational behaviour, triggered either with SMS or with call.

- By connecting one of the outputs to a LED, the device has the ability to visualise received calls.

- In the event of a power failure, the output maintains the last state it was in and resumes it once power is on.

- Whenever the output is triggered, it can send information to a specified number with information regarding the triggering event.

- Microphones and speakers are further supported by the device with the option for remote control and two-way communication.

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- By pressing a button on the caller's phone during a call, the microphone sensitivity and speaker volume levels can be remotely adjusted.

- Ability to request data regarding the current state of the module (by outputs and inputs) according to a set schedule.

- Ability to measure real-time mobile network quality with the goal of choosing the best location for the antenna.

- Tracking of supply voltage status.

- The product is CE 2787 marked and notified according to the directive 2014/53/EC. This product is in conformity with following EU Directives: RED: 2014/53/EU, EMC: 2014/30/EU, LVD: 2014/35/EU. This product is compliant with the following harmonized standards: EN 62368-1:2014, EN 60950-22:2006, EN 62311:2008, EN 55024:2010/A1:2015, EN 55032:2015, EN 301 489-1 V2.1.1, EN 301 489-52 V1.1., EN 301 511 V12.1.10

- The product is manufactured according to the quality management system EN ISO 9001:2015.

Technical Specifications:

Power supply	9 ÷ 30 VDC
Inputs	2 inputs (one negative and one positive triggered)
Outputs	2 outputs (Open collector, 1A max)
Microphone input	1 input
GSM module	850/900/1800/1900MHz
Power consumption in IDLE mode	15mA
Power consumption in transmit mode	130mA
Operation temperature	- 40°C ÷ + 85°C
Weight	90g
Dimensions	74mm x 64mm x 28mm
GSM antenna	in the set, 3 meters length

produced by



Plovdiv 4004, BULGARIA
75A, D. Talev Str.



office@smart-hitech.eu



sales: +359 887 376 336
office: +359 700 20 820

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www.smart-hitech.eu