



Remote-control GSM Gateway, SMS

For remotely relay activation and alarm input

DIAL-101T

- ◆ No cost Gate / Door opener service with enabled caller number detection
- ◆ Caller number enabling/disabling via SMS or telephone call
- ◆ Alarm Telephone Dialer with input alarm contact notification via SMS or telephone call
- ◆ GSM remote-control relay for low power electric devices activation



- ◆ Signal Strength Led bar indicator
- ◆ 2,5 mt Antenna cable and Power Supply included
- ◆ Programmable via local phone or remotely, via GSM call or SMS messages
- ◆ Suitable for private residence, Private companies, Parking, Garages, Hospitals, Sanitarium, Access Control, etc.

DIAL-101T is a brand new small size GSM Gateway getting benefits in automation and safety applications such as gate and door opener service simply making a **no cost** call to the SIM Card number inserted in the unit. If **DIAL-101T** recognizes an enabled caller ID, it activates in shunt the embedded relay for electric gate / door remote-control substituting to the telecontrol habitually used.

Furthermore **DIAL-101T** is provided with an high storage capacity where mobile and fixed telephone numbers can be inserted and enabled / disabled via SMS by system administrator (owner of special password).

DIAL-101T is also an usefull password protected remote-control unit for the activation / deactivation of any electric low-power device by means of embedded relay control. **DIAL-101T** can be used as an alarm telephone dialer service too being provided with a dedicated input. When the alarm starts, dialer begins making calls and SMS sending to programmed telephone number stored inside.

DIAL-101T can be programmed either using a DTMF phone or via SMS.





Main Features

- ◆ Dual-band Built-in 900/1800 MHz GSM engine
- ◆ Small size module
- ◆ Plug & Play installation
- ◆ Programmable via local phone or remotely, via GSM call or SMS messages or PC serial port
- ◆ CLIR (Calling Line Interface Restriction)
- ◆ 1 alarm signal input for Alarm / Remote-notification service
- ◆ 1 low-power remote-control relay output (normal or impulsive running)
- ◆ High telephonic numbers storage capacity
- ◆ Signal strength Led bar indicator
- ◆ Active relay LED indicator
- ◆ Password alarm deactivation
- ◆ 3 different password for Alarm, remote-control relay, parameters and numbers programming management
- ◆ Front panel SIM Card insertion

System specification

◆ Radiofrequency section

Built-in GSM module	: Dual Band (900/1800MHz)
Network type	: GSM phase II
SIM Card	: Plug-in, 3V, small
Transmitter power	: 2W/900MHz-1W/1800MHz
Receiver Sensitivity	: > - 100 dBm
Antenna / Frequency	: 50 Ω imped., FME conn.
Antenna Cable length	: 2,5 mt.

◆ Input/output section

Max relay capacity	: 30V _{DC} - 200mA
Relay contact	: closing/opening
Alarm input	: from external contact from voltage 12V _{DC} -10mA

◆ Other features

Dimensions (HxWxD)	: 30 x 103 x 64 mm
Operating Temp.	: 0°C - 45 °C
Max. Rel. Umidity	: 95% not condensing
Weight	: 1 Kg. packaged with antenna and power supply
Power supply (provided with the unit)	: Input 220V _{AC} , 50Hz Output 12V _{DC} , 1A
External supply	: 9 - 24V _{DC} , 700mA



GSM REMOTE CONTROL & ALARM SYSTEM

The manufacturer reserves the right to change product characteristic without notice



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