



# Remote-control GSM Gateway, SMS For remotely relay activation and alarm input

# DIAL-103T



- ◆ 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



**GSM remote-control!**

- ◆ System status Led indicators
- ◆ 2,5 mt antenna cable and power supply included
- ◆ Programmable via telephone call or remotely, via GSM call or SMS messages
- ◆ Suitable for private residence, Private companies, Parking, Garages, Hospitals, Access Control, etc.

**DIAL-103T** is a new small sized 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-103T** recognizes an enabled caller ID, it activates the embedded relay for electric gate / door remote-control substituting the previously used control.

Furthermore **DIAL-103T** is provided with an high storage memory capacity where mobile and fixed telephone numbers can be inserted and enabled / disabled via SMS by the system administrator (owner of special password).

**DIAL-103T** has also an useful password to protect the remote-control for the activation / deactivation of any electric low-power device using embedded relays control. **DIAL-103T** can be used as an alarm telephone dialer service using two dedicated inputs. When the alarm starts, **DIAL-103T** begins making calls and SMS sending to programmed telephone number stored inside. **DIAL-103T** can be remotely programmed either via a GSM call or via SMS.





## Main features

- ◆ Dual-band Built-in 900/1800 MHz GSM engine
- ◆ Small size module
- ◆ Plug & Play installation
- ◆ Programmable via telephone call or remotely, via GSM call or SMS messages
- ◆ CLIR (Calling Line Interface Restriction)
- ◆ 2 alarm signal inputs for alarm / remote notification service
- ◆ 2 low-power remote-control relays outputs (normal or impulsive running)
- ◆ High telephone numbers storage capacity
- ◆ System status LED indicators
- ◆ Password alarm deactivation
- ◆ 3 different password for alarms, remote-control relays, parameters and numbers programming management
- ◆ Internal 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	: 50 Ω, 2 W
Antenna cable length	: 2,5 mt, bundled

### ◆ Input/output section

Max relays capacity	: 30V <sub>DC</sub> - 200mA
Relays contacts	: closing/opening
Alarm inputs	: from 2 external contacts from voltage 12V <sub>DC</sub> -10mA

### ◆ Other features

Dimensions (HxWxD)	: 30 x 75 x 137 mm
Operating temperature	: 0°C - 45 °C
Max. rel. umidity	: 95% not condensing
Weight	: 500 gr packaged
Power supply	: Input 220V <sub>AC</sub> , 50Hz Output 12V <sub>DC</sub> , 1A

**Front view**



**Rear view**



The manufacturer reserves the right to change product characteristics without notice

