

MGC Control module

GSM Gate Controller (GSM10)

The GSM Gate Controller GSM10 for MHTM™ MicroDrive barriers is a micro-controller based relay device intended to remotely open/close barriers over GSM network:

- » Control of traffic barrier, e.g. for residential or hotel parking lots.
- » automated feedback of e.g. barrier boom position, barrier faults, etc.

When a call is made to the number of the SIM card inserted in GSM10, it checks if the number of the caller is recorded in the memory. If it is one of five administrator numbers or the number exists in the user database, the system rejects the call and turns on the output for the preset period. If the number is not recognised, GSM10 will not respond. The GSM switch can also operate automatically according to a scheduled time or by sending a text message from administrator's phone number.

There are two ways of configuration: SMS messages and/or with PC configuration tool over USB cable.



Technical data

Supply voltage	24V DC
Current used in standby mode	less than 50 mA
GSM modem frequency	850/900/1800/1900 MHz
Number of outputs	1
Output type	NO (relay)
Number of "low" level (negative) inputs	2
Number of "high" level (positive) inputs	1
Relay output maximum commutating values	24V DC, 1 A
Dimensions (WxHxD)	70x85x57mm
Operating temperature range	-20 to +55 °C
Number of administrators	5
Number of users	500

Supported barrier types

Magnetic.Access	all
Magnetic.Parking	all
Magnetic.Toll	all