

SM01

Service Module for barriers and pedestrian gates



For easy maintenance of barriers and pedestrian gates

The SM01 Service Module is a versatile tool for maintaining the barriers and pedestrian gates from Magnetic.

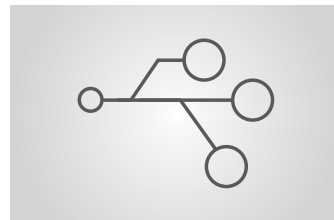
It can install updated software packages on the MGC and MGC Pro control units and associated extension modules. In addition, it is possible to read out parameters from a unit, save them and transfer them to other control units; stored errors can also be read out. With the data logger function, the internal communication of a control unit can be logged in order to identify sporadically occurring errors.

It is very easy to transfer program updates for the control units to

the Service Module via the USB interface of a PC. The Service Module logs on as a removable drive under Windows without the need for special drivers. The connection to the control units is established via the CAN interface. Operation is then carried out using the button on the Service Module and the controls of the control unit.

The scope of delivery includes the connection cables for USB and CAN as well as the "Service Module downloader" software, which can be used to download the latest firmware versions for the barriers and pedestrian barriers.

Technical data	SM01
Power supply	Via USB or CAN (no power supply unit required)
Interfaces	USB (for computer), CAN (for service interface of MGC/MGC Pro control unit)
Electrical separation	CAN interface galvanically isolated
Operating controls	1 button, 3 status LEDs
CAN termination	Via slide switch
Operating systems	Windows 7 and later



Easy maintenance

Updating firmware, reading out and uploading parameters, logging internal communication of the control unit: the Service Module is an indispensable tool for anyone who has to deal professionally with Magnetic barriers and pedestrian gates.



Accurate analysis

The data logger function of the Service Module allows you to log the work of the control unit step by step. This allows detecting and eliminating errors that occur only sporadically or in specific conditions.

ACCESS

PARKING

TOLL

TRAFFIC

SM01

Service Module for barriers and pedestrian gates

- > Central tool for installers and service technicians
- > For all barriers and pedestrian gates with MGC and MGC Pro control units
- > Easy installation of firmware updates
- > Fast readout and transfer of parameters
- > Continuous logging of CAN telegrams
- > Software included in scope of delivery



Operating controls

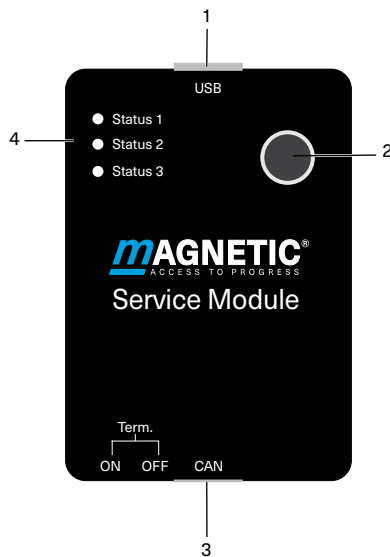


Fig. 1: Service Module SM01

- 1 PC port (via USB connection cable)
- 2 Push button
- 3 CAN port (via CAN connection cable)
- 4 LEDs: Status 1, Status 2, Status 3

SM-Downloader: software for the Service Module

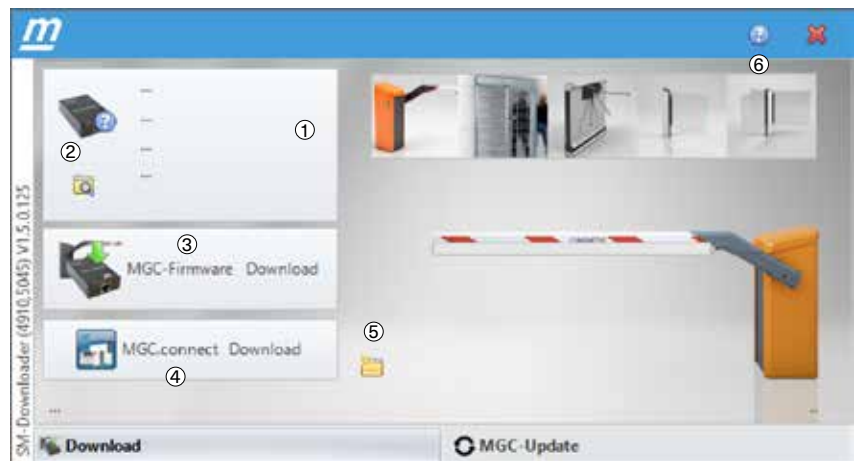


Fig. 2: "SM-Downloader" program, "Download" tab

- 1 Information on the Service Module:
 - serial number, firmware version, active firmware package
- 2 Button for opening the drive directory of the Service Module
- 3 Button to start the download of the MGC firmware update
- 4 Button for downloading the "MGC.connect" program
- 5 Button for opening the temporary work directory
- 6 Open "Service Module SM01" technical manual