

External CAN module (Counting module)

MGC Control Module

- » Up to 32 barriers can be linked to a network
- » Different counting modes
- » Controlling barriers via computer with CAN interface



The external CAN module allows connecting up to 32 barriers via CAN network.

The module is primarily designed for counting vehicles. Therefore, a network is established to exchange the number of vehicles that enter or exit among the barriers.

One barrier is configured as master. It manages the counter values of all barriers that are connected and also controls the "lot full" outputs.

Different counting modes are available which can be easily configured via menus of the control unit:

- » 1 direction counting
- » 2 direction counting
- » Selective counting
- » 1 or 2 zone counting
- » Hysteresis

The vehicle counters can also be set and corrected via a menu. They can also be reset to the defined initial value via an input of the MGC Pro control unit.

The CAN module can also be used to control and to query up to 32 barriers via a computer with CAN interface.

In this case, the counting functionality may be either deactivated or continued in parallel operation.

Technical data

Current consumption	50 mA
Maximum cable length	1000 m
Interface type	CAN
Termination	via menu
Cable type	1 x 2 Twisted-Pair, screened, 0.03 in ²
Connector type	Pluggable screw terminals, max. 0.1 in ²
Number of modules in a network	32
Digital output 24V	1

