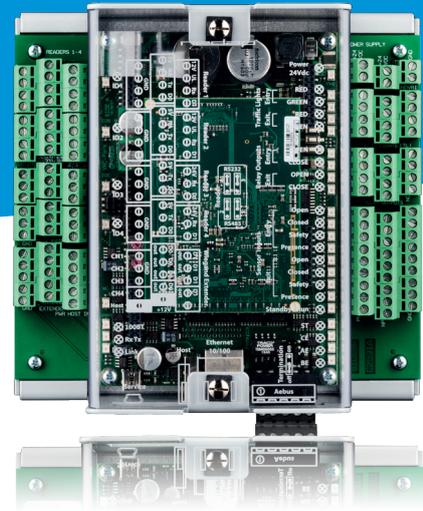


MOOV VMC Lite

vehicle management controller

Key features:

- ✓ management of vehicle access gates
- ✓ integrated vehicle access control
- ✓ integrated barrier and traffic light control
- ✓ remote management



The MOOV VMC Lite is a simplified controller that connects all local vehicle access equipment. Using the MOOV Software, the VMC Lite ensures safe, flexible and easy to manage vehicle access. The MOOV VMC Lite is featured with integrated barrier control, traffic light control and access control.

Typical applications include basic management and control of vehicles and barriers in simple parking and vehicle access control situations.

Gate/barrier

Any type of barrier required for vehicle gates, such as bollards, pyramids, gates, rolling doors and speed gates can be connected to the MOOV VMC Lite.

Identification solutions

The MOOV VMC Lite also connects to identification equipment. Multiple identification solutions can be connected to the MOOV VMC Lite, including transponders, access credentials, ANPR cameras, etc. It includes 4 reader channels, two channels for entry and two channels for exit, allowing for control of one entry and one exit gate.

Communication with users

Various equipment to communicate with users at the gate can be connected to the MOOV VMC Lite. A few examples are: traffic lights, intercom, video and displays.

Web based management

The MOOV solution is a remote hosted management application. Locations can be managed easily from any location from web browser devices like PC, smartphone and iPad. If the connection to the server is lost temporarily, the MOOV VMC Lite will remain functional.

Wiegand pass through

The Wiegand pass through allows for easy integration of the MOOV VMC Lite in any application where an additional access control or management system needs to receive Wiegand events. Authorization profiles are optionally controlled by the 3rd party access control system, however complete safe gate control is realized by the MOOV VMC Lite.

Applications modules

Pre-book parking; with the pre-book module, the MOOV VMC enables easy management of and access for people that pre-book their parking space.

Multi-tenant parking; with the multi-tenant module, MOOV helps business estates to manage parking capacity that is shared by multiple tenants.

Vehicle access control; vehicle access to gated communities, taxi ranks and corporate sites can be managed remotely offering a higher level of service and efficiency.

Technical information		MOOV VMC Lite
Part number	9893300 MOOV VMC Lite	
Dimensions	212 x 175 x 86 mm (8.3 x 6.9 x 3.4 inch), including mounting brackets	
Weight	1,5 kg (3.3 lbs)	
Protection class	IP22	
Material	Zinc-coated steel base & polycarbonate cover	
Operating temperature	-30... +60°C (-22... +140°F)	
Storage temperature	-30... +60°C (-22... +140°F)	
Relative humidity	10% ... 93% relative humidity, non-condensing	
Power supply	24VDC, 8W	
Communication interfaces	TCP/IP, Aebus (isolated, max 1000m), mini USB service port	
Inputs	2x 4 digital inputs for detection loops, sensors and barrier position (NPN & PNP). Dedicated input for run/standby switch	
Outputs	2x 2 potential free relay outputs for barrier control	
Standards	CE	
Document version number	5.1	

Access Control	
Identification	Multiple types of identification (i.e. badges, tags, license plate recognition, biometrics, mobile phones and passports)
Reader connections	4 reader channels wiegand (TTL) or RS232/RS485 readers
Wiegand pass through	4 channel isolated wiegand pass through to 3rd party access control panels
Compatible readers	All Nedap TRANSIT, ANPR and uPASS readers

Barrier control	
Supported barriers	Gate Arms, overhead doors, sliding gates, speed gates
Barrier monitoring	Barriers are monitored on status and correct moving speed & direction
Interface	For every barrier there are 2 relays available, 1x open, 1x close. 2 barriers can be connected

Traffic light control	
Supported traffic lights	LED lights up to 24V, <15W
Power supply traffic lights	Power supply to traffic lights can be connected directly to intended MOOV VMC Lite connectors
Traffic light configuration	2 x Red/ Green

Management	
Remote management	Through LAN, ADSL/SDSL, proprietary networks or wireless 3G networks
Management application	MOOV Web based management application