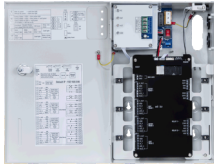




Product Features

The MORX MB100 is a high-performance automatic boom barrier designed for secure and efficient vehicle access control. Powered by a 24V DC brushless motor, it offers fast operation, smooth start-stop functionality, overload protection, and seamless integration with RFID readers, loop detectors, radar sensors, and access control systems. Built with an IP54-rated durable design, it ensures reliable performance for parking management, toll plazas, residential, and commercial applications.

					
ALN 9654	Loop Detector	Infrared Photoelectric Sensor	Arm Rest	SEMAC Controller	CR32 UHF RFID Reader

Specification

Input voltage	24V
Rated/peak current	8A/30A
Compatible motor	DC brushless motor
The compatible motor power	≤200W
Operational Type	Electromechanical
The human-machine interface features	3-digit LED and 5-digit buttons
Communication interfaces	RS232/RS485
Hardware protection	Overcurrent protection, overvoltage protection and short-circuit protection
Input signals	Open the gate, close the gate, stop, ground sensing, anti-crushing
Output signal	The output signal fully open and fully closed
In case of power failure	Open the switch and connect an external 12V 1AH battery
The temperature rise	≤15°C
The size of the controller	176.6(H)*103(W)*34(D)mm
Working environment temperature	-20°C~55°C
The working environment	90%, no condensation
Overall Dimensions	310*245*990mm
IP Class	IP54

Feature :

- 24V DC Brushless Motor drive, safe electrical, no risk of leakage
- DC brushless mechanism, DC brushless motor, hull limit switch, operate stably, low sound, long lifetime
- Operate speed at the fastest 1.25, the speed adjustment is available, soft start and soft stop function, high efficiency pass
- Adjustable (3-6 meters) to suit varied site requirements
- With reverse, auto-close, & auto-intelligent check functions are available
- Telescopic Boom, Fixed Boom
- Weather-resistant aluminum boom with reflective strips (compliance with traffic safety standards)
- External Interface suitable device, loop detector, radar sensor, Photocell, Access Controller with UHF
- Readers & RS485 is optional
- Manual Lift and Lower: Equipped with a motorized hand wheel, the lever can be manually raised and lowered during a power outage
- Ingenious Design: Utilises a sinusoidal mechanism and maintenance-free bearings to minimize wear & tear on components
- Safe Use: The lever will not rapidly rise or fall