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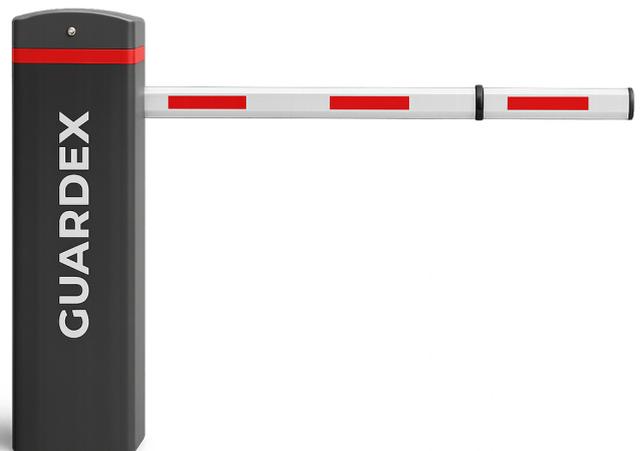


GRD-BG5000

Servo Motor Barrier Gate

Product Introduction

The seventh-generation servo barrier gate meets the market's demand for rapid rise and fall and stability. Combining the advantages of our company and the vast majority of similar products on the market, the seventh-generation new servo with tens of millions of times is developed and launched.

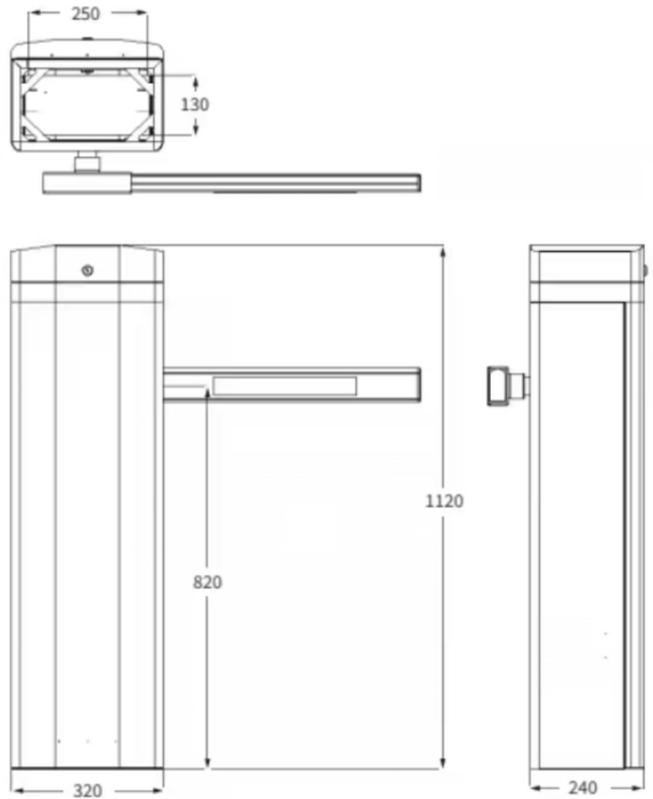


This servo barrier gate has exquisite appearance and color matching. It adopts advanced electrostatic dust and high temperature baking paint (180°C~250°C) technology, which is anti-corrosion, anti-fading, anti-shedding, easy to maintain, and has a delicate surface texture, beautiful appearance, and timeless.

This product adopts digital control technology to monitor the whole process of gate operation, which can realize intelligent and simple operation and management of gate. Wireless remote control can be used for lifting, lowering and stopping or manual button operation. The movement adopts an integrated design scheme. The frame, reducer and transmission mechanism are integrated into one structure, which minimizes the vibration of the body and greatly improves the running accuracy of the gate. It can be equipped with a variety of anti-smashing systems. Pressure wave, infrared and other anti-smashing functions.

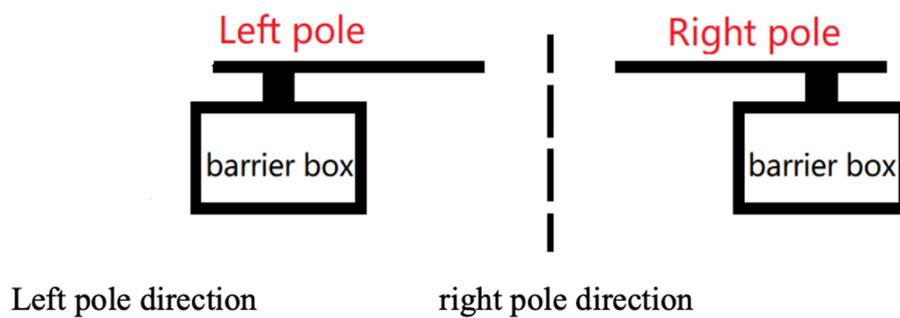
Product Appearance and Structure

☒The dimensions of the barrier gate are 320*240*1120mm (L*W*H), as shown in the following figure:



Direction definition

- For the convenience of use and identification, we need to define the pole direction of the gate.
- **Note:** The left and right motors can be interchanged (replace the spare parts)



Technical Parameter

- Input voltage: AC110/220V, 50/60Hz
- Motor power: DC servo motor 200W
- Operation life: ≥ 10 million times
- Open/close operation time: 1.5S-8S adjustable

- emperature range: -35°C ~ 70°C
- Chassis color: corrugated black + starlight silver
- Material and surface treatment: The chassis is sprayed with cold-rolled plate; the brake lever is sprayed with aluminum alloy
- Box size: 320*240*1120mm (length*width*height)

Features

- Servo motor, small size, high torque.
- Small and exquisite appearance, small footprint, simple and fashionable, high-end color matching.
- Using servo control technology, precise and adjustable switching speed, reduce shake, and make the pole run more stably and smoothly.
- It adopts servo motor, which can achieve acceleration/deceleration buffering in control. The low-voltage 24V DC brushless motor is not affected by local voltage instability.
- Aluminum alloy die-casting process, reliable mechanical strength, beautiful appearance, better heat dissipation, stable operation, more durable, million-level barrier-free operation.
- High-integration, industrial-grade controller, supports input signal interface for opening, closing, stopping, loop detector , and anti-smashing; supports dry contact output when opening and closing in place; built-in digital tube display and button module, easy to debug .
- Intelligent digital function menu, easy for on-site personnel to load various function parameters, convenient for personnel maintenance.
- With a remote control interface, a remote control transmitter can be configured to control the lifting, lowering and stopping of the pole.
- It has an infrared detection interface, which can be matched with a radar detector to achieve anti-smashing protection [requires additional switching power supply].
- Supports gate opening counting function and unattended automatic closing function; Support RS232 or RS485 remote communication.