

Vehicular DC Brushless Lane Brake Series

Barrier Gate

Model No.: TD-GPA-DZ204

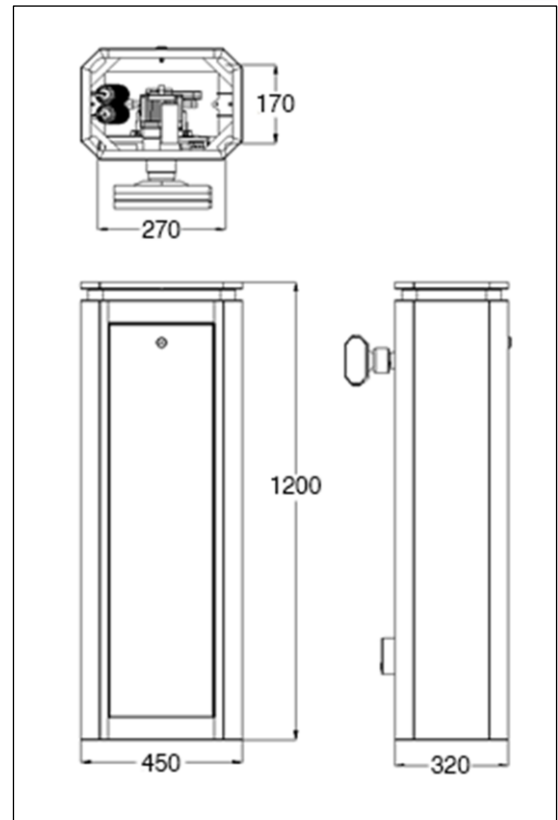


TD-GPA-DZ204 DC brushless car gear to meet the market for the rapid takeoff and stability of the car gear demand is our comprehensive market most of the advantages of similar products, developed and launched the sixth generation of new DC brushless car gear products. This series has a beautiful appearance of color matching, using advanced electrostatic dust, high temperature paint (180 °C ~250 °C) process, anti-corrosion, anti-fading, anti-falling off, easy maintenance, surface texture is delicate, beautiful and elegant, lasting.

This product uses digital control technology to monitor the whole process of gate operation, which can realize intelligent and simple gate operation management. Wireless remote control can be used for lifting, lowering and stopping or manual button operation. The movement adopts the integrated design scheme, the frame, the reducer and the transmission mechanism are integrated structure, which reduces the body chatter to the maximum extent, greatly improves the operation accuracy of the road gate, and can be configured with a variety of anti-smash systems, ground sense, pressure wave, infrared and other anti-smash functions.

Parameters:

Supply Voltage:	AC 220V $\pm 10\%$ 50Hz
Card Reading Signal:	Switching value
Electric Machine:	Dc brushless motor 150W
Input Voltage:	24V
Rated/peak Current:	8A / 30A
Man-machine Interface:	4 LED, 4 button
Hardware Protection:	Over current protection, over voltage protection, short circuit protection
Input Signal:	Opening, closing, stopping, ground sense, anti-smash
Output Signal:	Open properly, close properly dry contact
Product Size:	1200*450*320mm



Functional Characteristics:

- DC brushless motor, small size, large torque; Straight rod 【1-6 meters】 standard length can be fast and smooth take-off and landing;
- Small and exquisite appearance, small footprint, simple and fashionable, high-end color matching calm;
- Dc brushless control technology is adopted to achieve accurate adjustable switching speed, reduce jitter, and make the brake rod run more stable and smooth;
- The brushless DC motor can be buffered/decelerated in the control, and the low voltage is 24V DC, which is not affected by the instability of local voltage;
- Aluminum alloy die-casting process, reliable mechanical strength, beautiful appearance, better heat dissipation, smooth operation, more durable, millions of barrier-free operation;

- High integration, industrial grade controller, support open, close, stop, ground sense, anti-smash input signal interface; Support open and closed dry contact output; With digital tube display and key module, debugging is simple and convenient;
- Intelligent digital function menu, easy to load the field personnel of various functional parameters, easy to personnel maintenance;
- With a remote control interface, the remote control transmitter can be configured to control the rise, fall and stop of the brake lever of the electric vehicle guard;
- With infrared detection interface, can be matched with radar detector, so as to achieve anti-smash protection (need another switching power supply);
- Support switch counting function and unattended automatic switch function; Supports RS232 or RS485 remote communication (Need to customize).

Products Material List:

Material name	Mode of Production	Quantity	Specification and model
Chassis	Self-control	1	1200*450*320MM
Movement	Outsourcing	1	Six generations DC brushless
Controller	Self-develop	1	DZ_CW6-A02_V1.0
Switching power supply	Outsourcing	1	24V/8.5A
Air switch	Outsourcing	1	Two 10A
Remote control	Outsourcing	2	Frequency 430
Expansion bolt	Outsourcing	4	M12*100
Instruction manual	Self-control	1	Two-dimensional code

The main DC brushless lane gate consists of the following :

- 1、 Chassis, movement, decorative lighting set
- 2、 Chassis door, door lock
- 3、 Brake lever group
- 4、 Electric control group

