

KG-520



Parking Barrier

Operation Guide

KG-520 parking barrier is installed at the parking lot's entry and exit area. Parking barrier will open and close barrier by signal. (From car detector, remote control, CMS, and control box, etc.) Our system has different functions of dry contact for various types of space. KG-520 features functions of alert, detection, protection and anti-noise, etc. It can connect with auto pay system, entry station, car detector, traffic light, remote controller, car exit alert and other traffic signal, etc. This system provides auto, user-friendly and safe management.

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KG-520 Features

- Entry / exit signal input
- Auto and manual release parking barrier setting
- Open or close barrier signal input
- Car detect avoid barrier hit car input
- Send signals to change traffic light(when barrier opens)
- Entry station signal output. (after barrier close)
- KG-520 will save close signal when parking barrier after complete open process.
- Open signal has higher priority than close signal when parking barrier is close
- Car detect signal has higher priority than close signal when parking barrier is closing. (Car protect function)
- Barrier auto close after 1-16 seconds.
- Barrier compulsively close after 1~16 seconds
- Barrier compulsively close after 1~16 seconds
- System will send alert message if barrier is in wrong position.
- Auto detection of electrical circuit error
- 24V clutch stops barrier at fixed position
- Underground or low ceiling parking lot can use folding barrier.
- Barrier open angles can be 60°, 70°, 80°, 90°.

KG-520 Functions

- Smooth and Sustainable : System has gone through severe tests. Linkage mechanism system enables effectively long term operation.
- Manual release : KG-520 can be operated manually during outage or system problem.
- Accurate position : Clutches ensure the barrier arms stop at the right positions. Barrier arms can avoid shaking by speed control.
- Balanced Weight : Assistant barrier arm can reduce power loss and extend product life.
- Reflective Film : Arm with red reflective film provides a safe protect in the night.
- Barrier Opening Time : 1.5~2.5 Sec(can be set on demand)
- Dimension : 400(L)X32(W)X90(H)mm
- Powder Coating : A hybrid system of polyester and epoxy resin for coating, powder coated with 0.15mm thickness.
- Folding Arm : Linkage mechanism system easy to adjustment
- Net Weight : 65KGS
- Power : 110/220V,50/60Hz. 1PH, DC motor with rated power 200W
- Weatherproof Cabinet : 2.0mm S-41 high strength steel cabinets are anti-water and suitable for outdoor use, 4-doors design facilities operation and maintenance.
- Certification : ISO9001/CE/IP44
- Operation Temperature : 10°C~60°C

Option : Remote control base, remote controller, LED barrier, and Peripherals

Shlara Automation Private Limited

F-3, Sindhuja Complex, No.1, 29th Cross Street,
Indira Nagar, Adyar, Chennai - 600020.

+91 44495 26386 | Ravi@ShlaraAutomation.Com | www.shlaraautomation.com