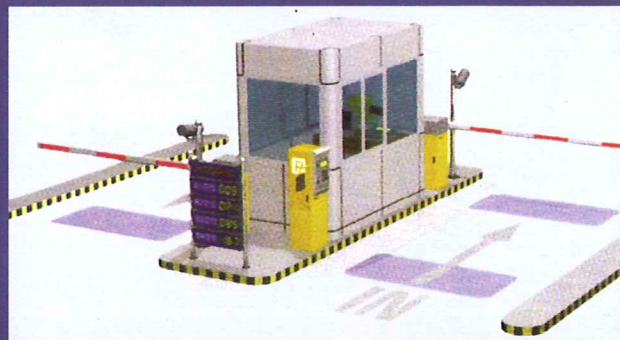


# AUTOMATIC and **INTELLIGENT BARRIERS**

The series of automatic and intelligent barriers can be used convenient and safely added with the humanization clutch device and balance device.

Designed and manufactured for high volume vehicle traffic such as : Parking lots, toll gates, good yards , railway crossings , commercial premises , building and apartment block access.



Using long life electromechanical gear motors , suitable to carry long hours of operations.

The system will be released automatically in case of power failure.

***Barrier Gate - 3m ; 4.5m ; 6m***  
***Three Fence Barrier Gate***  
***Two Fence Barrier Gate***  
***180° Fold Barrier Gate***  
***90° Fold Barrier Gate***



## **RAN-GER®**

# ELECTROMECHANICAL BARRIERS.



### RGB-6 up to 6m

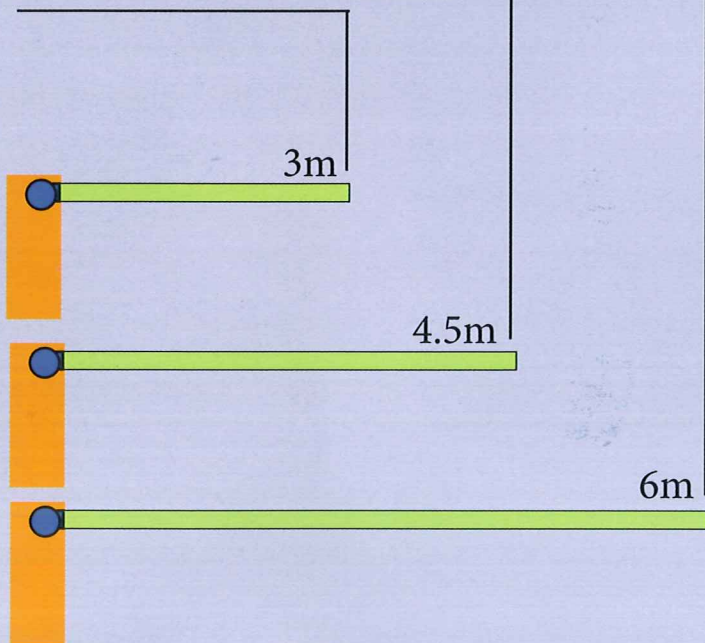
- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 6s
- Dimension : 958 x 355 x 292 mm
- Dimension(Arm) : 6 x 0.1 x 0.05 m

### RGB-3 up to 4.5m

- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 3s
- Dimension : 958 x 355 x 292 mm
- Dimension(Arm) : 4.5 x 0.1 x 0.05 m

### RGB-10 up to 3m

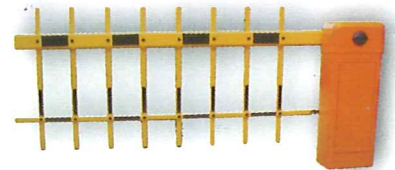
- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 1s
- Dimension : 958 x 355 x 292 mm
- Dimension(Arm) : 3 x 0.07 x 0.04 m



### RGB-2FB

#### Two Fence Barrier Gate up to 4.5m

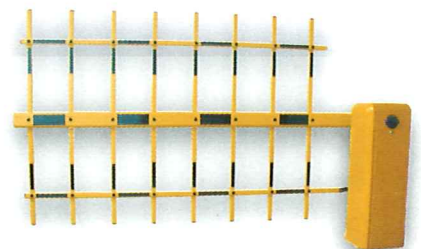
- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 6s
- Dimension(Arm) : 4.5 x 0.25 x 0.08 mm



### RGB-3FB

#### Three Fence Barrier Gate up to 5.0m

- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 6s
- Dimension(Arm) : 5.0 x 0.25 x 1.5 mm



### RGB-3FD

#### 90° Fold Barrier Gate up to 3m

- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 3s
- Dimension (Arm) : 4.5 x 0.25 x 0.08m



### RGB-18FD

#### 180° Fold Barrier Gate up to 5m

- Power supply : 220VAC , 50Hz/60Hz
- Rated power : 80W
- Arm lifting & falling time : 6s
- Dimension (Arm) : 5.0 x 0.25 x 1.5m



## SOLID, ROBUST & ELEGANT APPEARANCE

The motor case is manufactured from the steel plate after special craft processing and its surface is painted with orange color high class vehicle sprays and discoloration caused by the ultraviolet ray illumination.

It is highly reliable with its steel housing treated with a smooth control mechanism ensures efficient fast operation and performance

The boom arm uses special aluminium material with red reflection the film pasted at surface so it can be clearly seen at night.



## FEATURES

Convenient and easy, convenient to remove, dispose and maintenance. System adopts full tele-control signal transmitting technique, simple to install.

By security, barrier will automatically go back when meet obstacle during the process of lifting and falling. Infrared photocell is optional for you.

Humanization clutch, can loosen the barriers bar conveniently. After open the humanization clutch, the bars can up and down by hand easily. The control system can be reset automatically when power on.

Special craft machine core with the mechanism of electronic technology and use of compress spring.

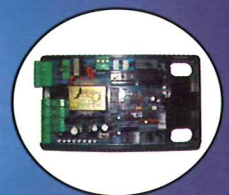
Traffic light signal system circuit can be connected to 220V indication light. The light will turn red during pole lifting, falling processes and after falling limits. Turn green after lifting limit.

Vehicles detectors connection, convenient to connect with vehicles detector which realize other related safe function.

Unique surface craft facture and fluent shape design. High resistance to rust. Assure the colour and the material of crust be fresh and prolong its life. Occupancy - less and comfortable.

Calmly pole lifting, no obvious dithering, All the process is soft without any noise and shaking.

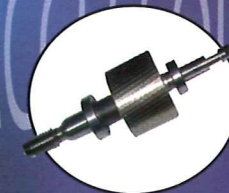
Barrier can be both right - fixed and left-fixed.



Double Sensing Control Panel



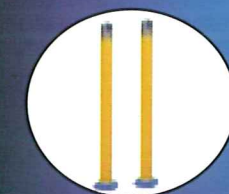
Heavy Duty AC Motor



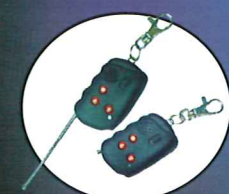
Harden Steel Worm Gear



Heavy Duty Brass Gear



Infrared Photocell for Barrier



Wireless Remote Control



# TECHNICAL SPECIFICATION

Model No	RGB-10	RGB-3	RGB-6
Lifting Up / Down Times	1s	3s	6s
Arm Length	3.0m	4.5m	6.0m
Arm Dimension	3x0.07x0.04m	4.5x0.1x0.05m	6x0.1x0.05m
Supply Voltage	AC 230V		
Frequency	50Hz		
Motor Rated Power	120W		
Motor Rated Speed	680 rpm		
Operating Lifespan	> 2.5 Million time		
Operating Temperature	-40°C to +75°C		
Housing Dimension (mm)	355(L) x 292(W) x 958(H)		
Weight	60Kg		
Standard color	Orange		
Protection Degree	IP 67		

Model No	RGB-3FD	RGB-18FD	RGB-2FB	RGB-3FB
Lifting Up / Down Times	3s	6s	6s	6s
Arm Length	4.5m	5.0m	4.5m	5.0m
Arm Dimension	4.5 x 0.1 x 0.05m	5.0 x 0.1 x 0.05m	4.5 x 0.25 x 0.08m	5.0 x 0.25 x 1.5m
Supply Voltage	AC 230V			
Frequency	50Hz			
Motor Rated Power	120W			
Motor Rated Speed	680 rpm			
Operating Lifespan	> 2.5 Million time			
Operating Temperature	-40°C to +75°C			
Housing Dimension (mm)	355(L) x 292(W) x 958(H)			
Weight	60Kg			
Standard color	Orange			
Protection Degree	IP 67			