



## Model : BR600 series INTELLI BARRIER

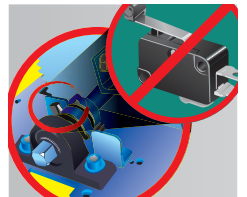
Other brands mostly use limit switch to determine the open and close position of the arm. Limit switch is prone to mechanical wear & tear and require maintenance constantly. Failed limit switches can cause motor to overload and burn causing safety hazard. The longer the usage, the faster they fail.

Intelligent barrier uses digital electronic motor counter to ensure that the arm opens and closes perfectly **EVERY TIME**. Built in optical sensor as redundant safety ensures arm never fail. Electronic parts is not subject to wear & tear and therefore is safer and maintenance free.

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### 1 NO LIMIT SWITCH

Uses smart motor counter to auto detect open / close position for higher accuracy and better stability. No more mechanical wear and tear which causes the arm to tilts up or down.



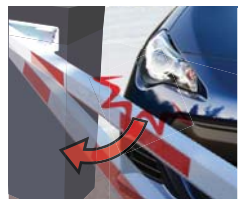
### 2 ARM AUTO REVERSE

Built in smart collision detection technology allows arm to auto reverse when hit with an obstacle during closing to prevent further scratches & dents on the vehicle.



### 3 ARM SWING OUT

Arm will swing out when hit directly by vehicle (only BR618 & BR630 straight arm) to avoid further damage on the vehicle.



### 4 EUROPEAN LEVER DESIGN

European lever design ensure smooth opening arm and reliable consistent performance for years to come.



### 5 FULL SPARE PART LOCALLY

No more waiting 1 or 2 months to import parts from oversea. All original spare parts are available from us locally that can make your barrier gate up and running in shortest time possible.



## ORDERING INFO:

Model No	Feature		
	Open/close speed	Max straight arm	Arm swing out
BR618	1.8 sec	4 meter	Yes
BR630	3 sec	4 meter	Yes
BR660	6 sec	6 meter	No

Left Side Arm | BR618L, BR630L, BR660L

Right Side Arm | BR618R, BR630R, BR660R

\* M = Meter, sec = second

## TECHNICAL SPECIFICATION:

Description	Parameters
Mechanical temperature	- 40° to 75C
Electrical temperature	-10° to 75C
Power supply input	220V ± 10% AC, 50 / 60Hz
Power consumption	80 watt
Relative humidity	< 90%
Opening speed	1.8 , 3 , 6 second
Internal lubrication	Grease

## ACCESSORIES:



Safety beam



Push Button



AR500U Long Range Reader



AR200U Mid Range Reader



Loop Detector



Traffic Light



### AC MOTOR

AC motor is strong and powerful, can easily lift up even with additional signage installed on to the barrier arm. AC motor is maintenance free, as there is no carbon in the AC motor. Built in intelligent fan to cool the motor during heavy usage.



### MANUAL RELEASE

Manual release clutch can be conveniently unlocked to manually open or close the arm without removing the whole top cover or body housing. Resulting in hassle free operation and all components inside the barrier body are safe from danger and vandalism.

### STURDY HOUSING

Housing is made with 2.5 mm thickness mild steel for EXTRA durability to support longer arm. Housing body is coated with epoxy paint for weatherproof protection.

### TRAFFIC LIGHT

Traffic light (red & green) can be added to further enhance safety.

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