

Model : BR500 series



INTELLI BARRIER

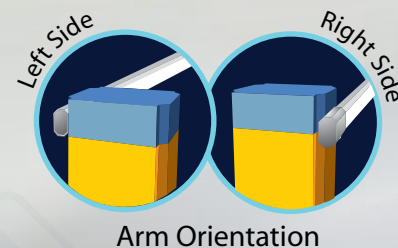
INTELLIGENT VEHICLE BARRIER GATE

1st vehicle barrier gate without limit switch in MALAYSIA

Intelligent
Innovative
Heavy Duty

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.

MAG 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.



Arm Orientation



Auto reserve arm



Folding arm 90°



Fence arm



Swing out arm

Technical specification:

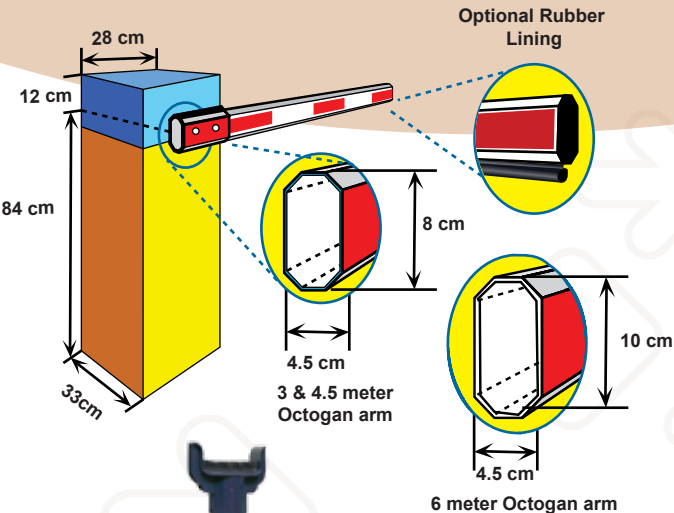
Description	Parameters
Mechanical temperature	- 40° to 75C
Electrical temperature	-10° to 75C
Power supply input	220V ± 10% AC, 50 / 60Hz
Power consumption	80 watt
Relative humidity	< 90%
Arm speed	1 , 1.8 , 3 , 6 second
Internal lubrication	Grease

Ordering info:

Model no	Feature		
	Open/close speed	Max straight arm	Arm swing out
BR510	1 sec	3 meter	Yes
BR518	1.8 sec	4 meter	Yes
BR530	3 sec	4 meter	Yes
BR560	6 sec	6 meter	No
BR530A90	3 sec	4 meter	No
BR560AFE	6 sec	4.5 meter	No

Left Side Arm	BR510L, BR518L, BR530L, BR560L, BR530A90L, BR560AFEL
Right Side Arm	BR510R, BR518R, BR530R, BR560R, BR530A90R, BR560AFENR

* M = Meter, sec = second



Accessories



8 reasons WHY you should choose MAG Intelligent Barrier Gate?



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 tilt up or down.



2. ARM SWING OUT

Arm will swing out when hit directly by vehicle (only BR510, BR518 & BR530 straight arm) to avoid further damage on the vehicle.



3. 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.

Optional photo beam allows arm to auto reverse earlier before hitting the vehicle.

Optional rubber lining to protect the vehicle from further damages.



4. EUROPEAN LEVER DESIGN

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



5. 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.



6. MANUAL RELEASE

MAG 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.



7. 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.



8. TRAFFIC LIGHT

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