

## Automate and secure your entrance in style



Foam lining  
protection

Telescopic Arm



### Model : BR600T series

BR600T series modern gray concept effectively increase premium prestigious impression of guard house entrance at any high end lifestyle residential or premium commercial building. Impress your guest when they visit you at your luxury home or designer building.

BR600T does not use mechanical limit switch. Limit switch require constant maintenance due to mechanical wear and tear. Failed limit switches can cause motor to overload and cause safety hazard. BR600T electronic based positioning system is maintenance free and give you peace of mind.

Premium  
automation

#### 1 BLUESPEED MOTOR

**BlueSpeed** motor uses lowest possible rotation speed (RPM) with our force rotation ratio technology to achieve high speed opening. This reduces mechanical wear and effectively eliminates any maintenance servicing on the motor.



#### 2 DUAL SPRING PULL (DSP)

**DSP** Dual Spring mechanism to achieve two times smoother arm motion. Combination of different tension force reduced vibration as the arm stop. Well balanced arm weight reduces the possibility of broken spring thus reducing down time.



#### 3 DUAL DETECTION SAFETY (DDS)

**DDS** uses dual sensor achieve double safety. Innovative design monitors current spike and motor rotation simultaneously to auto-reverse arm if blocked by obstacle. This is a important safety feature to prevent further damage in the event when arm hit car or pedestrian.



#### 4 FULL SPARE PART LOCALLY

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



## 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 IR beam



Signboard



AR500U Long Range Reader



AR200U Mid Range Reader



Loop Detector



Traffic Light

## ORDERING INFO:

Model No	Feature		
	Open/close speed	Max arm length & type	Arm swing out
BR618T	1.8 sec	4m straight	Yes
BR630T	3.0 sec	4m straight	Yes
BR660T	6.0 sec	6m straight	No
BR660TFE	6.0 sec	4.5 m fence	No
BR630T90	3.0 sec	4m folding	No

Left | BR618TL, BR630TL, BR660TL, BR660TL\_FE, BR630TL\_90

Right | BR618TR, BR630TR, BR660TL, BR660TR\_FE, BR630TR\_90

\* M = Meter, sec = second

## FEATURE:

### ARM SWING OUT

Arm will swing out when hit directly by vehicle (only BR618T & BR630T) to avoid further damage on the vehicle.



### EASY 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.



### 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.



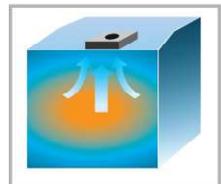
### MAINTENANCE FREE AC MOTOR

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.



### IMPROVED AIR VENTILATION

New fan design located at top instead of sideways. This allowed cool air enter from bottom and exit from top to achieve more efficient cooling this enabling BR600T series to support higher flow of traffic.



### IMPROVED NLSV2 DESIGN

NLS V2 is using magnet sensor instead of optical sensor. Optical sensor is subjected to interference from ambient light level. New NLS design removed all blind spot area to achieve perfect opening and closing consistently.

