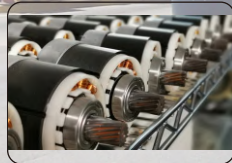
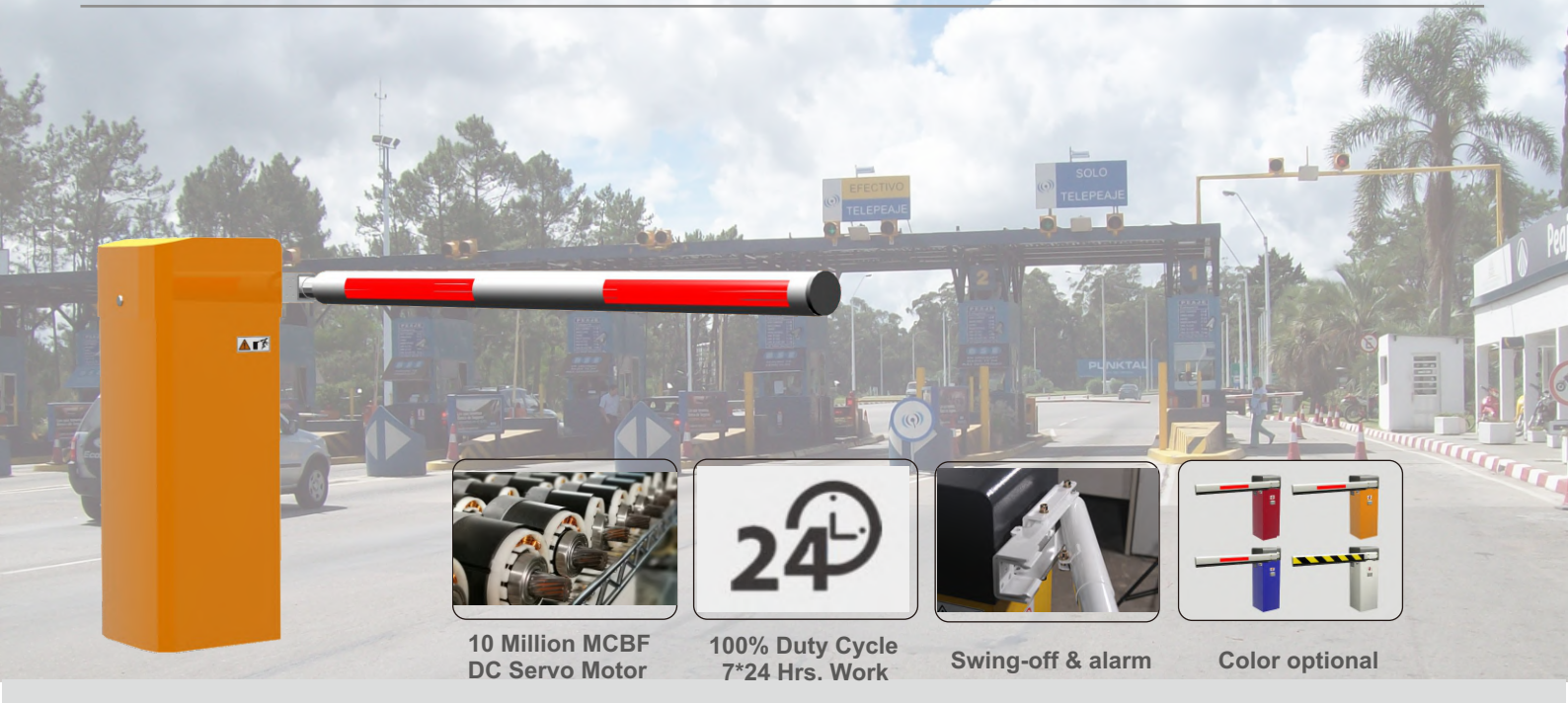


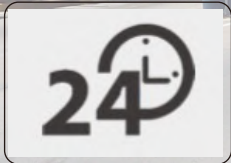
PAB-BD-SHSN-03

0.3s High Speed Toll Barrier

Dashou[®]
Parking System Expert



10 Million MCBF
DC Servo Motor



100% Duty Cycle
7*24 Hrs. Work

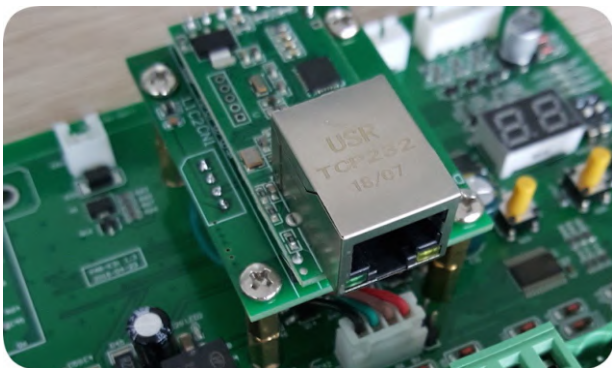


Swing-off & alarm



Color optional

0.3s high speed toll barrier **PAB-BD-SHSN-03** adopts free-maintenance DC brushless torque motor and PWM variable frequency servo controller, fast but smooth moving. Incredible 10 million MCBF and 100% duty cycle makes it continuously work at 7*24 hrs with long life span. Opening/closing time 0.3s for Max. 2.6m carbon fiber arm, arm direction is exchangeable without changing any parts, Boom will automatically swing off in case of any hit by vehicle. It can be integrated with the third party system via TCP/IP. It is the right choice for highway toll gate ETC cashless lane. See video at https://youtu.be/ufn_m6XWYLo



TCP/IP Interface for Easy Integration (Optional)

The barrier provides optional TCP/IP RJ45 port, which can integrate the barrier with your own system conveniently, so you can control and monitor the barrier by your own system.

*Dashou Ethernet module should be installed in barrier controller, and communication protocol will be provided by Dashou

Free-maintenance DC Brushless Servo Motor 10 million cycles MCBF & 100% duty cycle

Free-maintenance DC24V brushless servo torque motor ensures 10 million cycles MCBF long life span; 100% duty cycle makes barrier continuously work at 24*7 hours; Max. 240W low consumption makes barrier environment friendly but outputs super strong torque

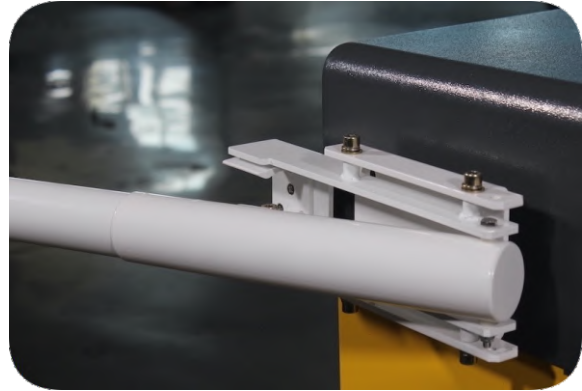


PAB-BD SHSN-03

0.3s High Speed Toll Barrier

Boom Swing-off Protects Boom and Vehicle

Boom will swing off 90 degree if it was hit by a vehicle, this is to protect both vehicle and boom. It is optional. You can easily add swing-off module to a barrier which is without swing-off.



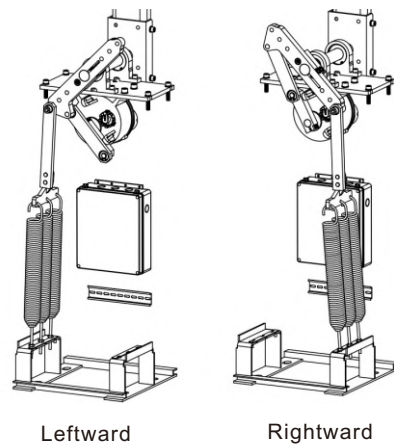
Boom Auto-Reverse On Obstacle

While moving down, boom will automatically reverse immediately once it is obstructed by vehicle or pedestrian, which protects the vehicle or person. The sensitivity is adjustable.



Boom Direction Is Exchangeable Without Replacing Any Parts

In the past you have to keep stock for barriers with different boom direction as different sites may require different boom direction. But now boom arm direction can be exchanged easily at site without replacing any parts

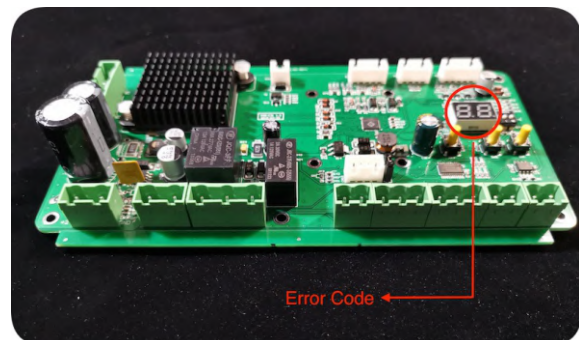


Leftward

Rightward

Automatically Check Status and Report Error

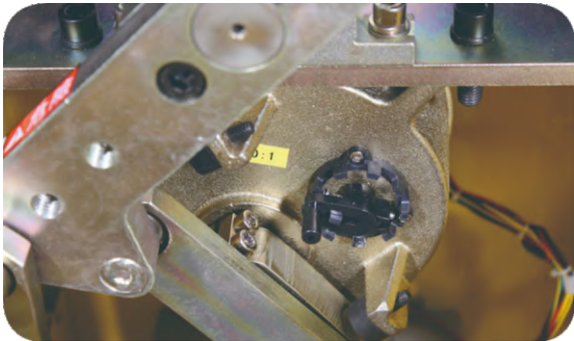
Barrier system will automatically check its operation status and show errors code on its LED tube if an error occurred. This helps you quickly find out problem and find solution.



Error Code

PAB-BD SHSN-03

0.3s High Speed Toll Barrier



Manually Control In Case of Power Failure

If power supply is off, you can manually open/close the barrier gate by the black lever. Also boom can be manually locked in any position between horizontal and vertical by this level.

Warning: Not allowed to use the function when power on, may hurt your hand and damage the motor.



Backup Solar Panel or Lead-acid Cell

DC motor barrier can be powered by solar panel or lead-acid cell for back up power supply. Especially solar power is environment friendly which is good for earth.

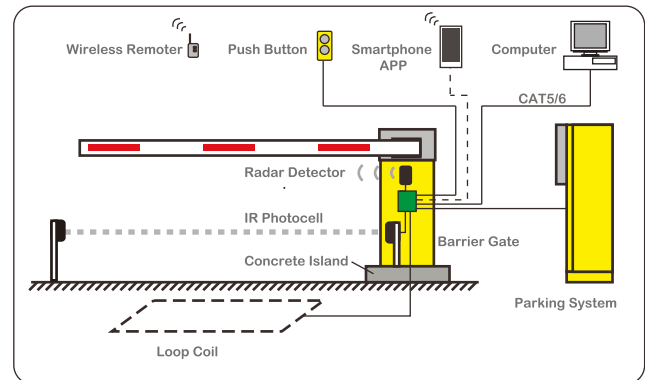
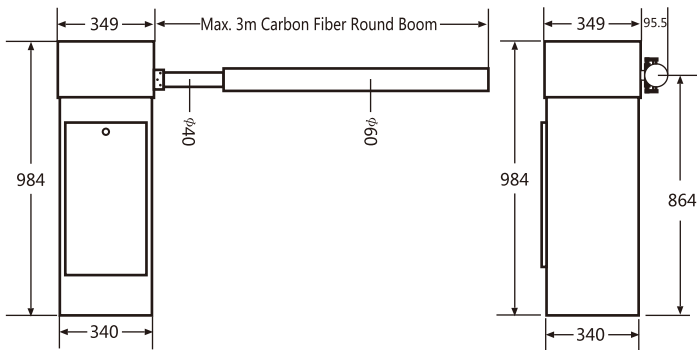
More Features

1. 0.3 sec. high speed
2. Quite smooth moving with Max. 2.6m round carbon fiber boom
3. Variable frequency controller automatically detects and optimizes boom moving, ensures smooth moving without shake
4. Barrier decelerates in the end of opening and closing to avoid shaking
5. Simplified design, easy installation and maintenance reduces your labor cost
6. Boom automatically open up fully in case of power failure (Optional)
7. Mechanical self-locking the boom, can not lift up the boom by hand
8. Alarm when boom swing-off (Optional)
9. Safety for vehicle--- Anti-hit by Loop Detector (Optional)
10. Safety for vehicle & pedestrian— Anti-hit by IR photocell (Optional)
11. Safety for vehicle & pedestrian— Anti-hit by "Opening Priority"
12. Automatically close in given time (Programmable)
13. Automatically close or open by loop detector (Optional)
14. Enable or disable "Always-open mode" on remote (Optional)
15. Count opening & closing times totally, or count opening or closing times only
16. Anti-condensation in cold climate
17. Transparent plastic covers on control board to protect the board.

PAB-BD SHSN-03

0.3s High Speed Toll Barrier

Dimension (mm) Application



Technical Parameter

Opening/closing time	0.3 sec.	Communication Interface	RS-485 or TCP/IP RJ45
Boom	Max. 2.6mtr. carbon fiber round boom	Wireless Remote	Two Remoters, distance>20m
Boom	Round arm diameter: 40mm, Foam diameter: 60mm	Housing Material	2mm cold-roller sheet
Boom Direction	Leftward / rightward exchangeable	Housing Painting	Powder coating last 10 years
Power Supply	AC100~240V, 50/60Hz, 480W	Protection Rating	IP 54
Motor	240W DC24V brushless servo torque motor	G.W / N.W	52/50KG
Duty Cycle	100% duty cycle	Package Dimension	1190×470×420mm
MCBF	10 Million Cycles (Mean Cycles Before Failure)	Dimension	984×349×340mm (H*W*D)
Max. frequency	15,000 operation cycles per day	Operating Temperature	-30°C~55°C
Controller	PWM variable frequency servo controller board	Operating Humidity	10% ~ 95%

Accessories

PWM variable frequency servo controller board	Remoter: transmitter, distance>20m	175W DC24V Brushless Servo Torque Motor	WIFI Module Smartphone control barrier	Ethernet Module Make your system control our barrier
Swing-off and alarm	Ground Induction	Loop Detector	Photocell	Carbon fiber round boom