

JnP Mark 5 Barrier Gate

Robust and Affordable

The JnP Mark 5 Telescopic Arm Barrier Gate is designed to optimize traffic flow and minimize congestion, particularly during peak hours. This article explores the key features and functionalities of this innovative gate system.

Adjustable Opening Speeds for Different Traffic Needs

The JnP Mark 5 offers adjustable opening speeds to cater to varying traffic volumes:

- 3 meters to 3.5 meters: Opens in 1.5 seconds, ideal for steady traffic flow.
- 3.6 meters to 4.5 meters: Opens in 3 seconds, accommodating a moderate increase in traffic.
- 4.6 meters to 6 meters: Opens in 6 seconds, suitable for handling large surges in traffic volume.

This adjustability ensures efficient throughput while reducing congestion during peak periods.



REDUCED MAINTENANCE COSTS

Incorporates a DC brushless motor, renowned for its low maintenance requirements.



FASTER OPENING AND CLOSING SPEEDS

Achieves opening and closing speeds between 1.5 and 6 seconds, depending on the arm extension.



DURABILITY

Proven > 5 million times uplift operation. Brushless motors are known for their extended lifespan, reducing replacement costs.



ENERGY EFFICIENCY

DC brushless motors consume less energy compared to traditional AC motors, leading to lower operational costs.



IMPROVED VERSATILITY WITH NLS POSITIONING

Next Level System (NLS) positioning, enhancing accuracy and stability during operation.

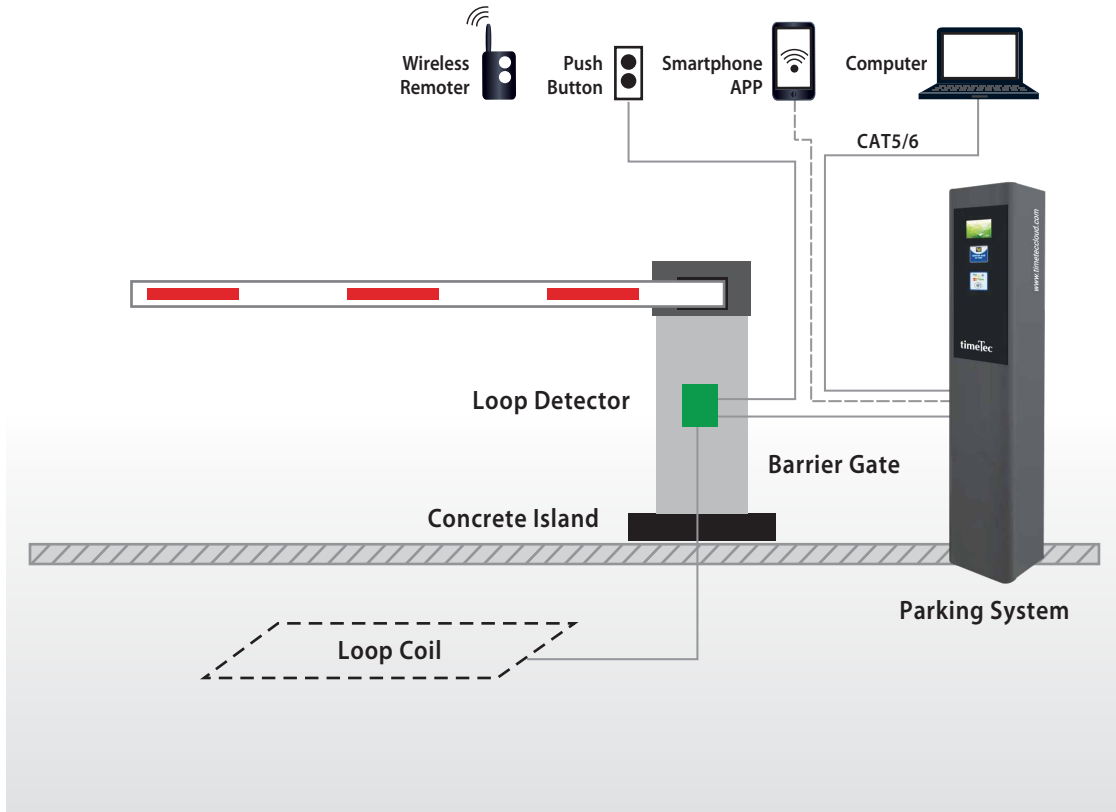


SWITCHABLE ARM

A switchable arm that can be configured for left- or right-side opening, providing greater flexibility in various installation scenarios.



SYSTEM DIAGRAM



SPECIFICATIONS

TECHNICAL DATA

Working temperature	-35° to + 85°C
Power supply	DC24V
Speed	1.5s to 6s
Rated power	140W
Remote distance	100m
Max arm length	6m

SAFETY GUARANTEE

Anti-collision	Arm will automatically reverse to vertical position if hit obstacle
Arm swing out	Arm will swing out when hit by car, avoid further damages on vehicle and arm
Loop detector	photocell connection port

SPECIAL FUNCTION

Speed adjustable	1.5sec – 6sec
Arm direction change	Left to Right
Backup battery	solar panel optional
Optional	220V/110V/24V DC optional
Communication interface	Inbuilt RS484



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