

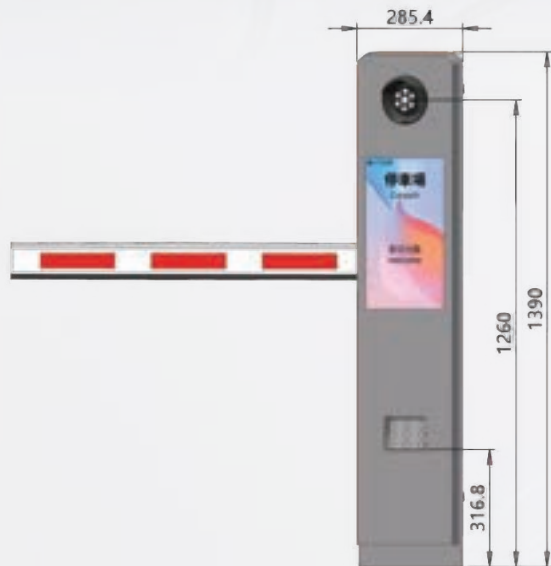
VB S40-E5

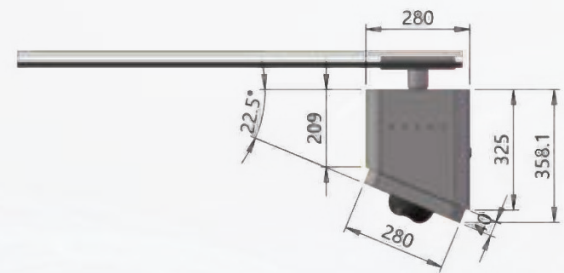


The license plate recognition barrier gate is an intelligent device that integrates image acquisition and license plate recognition functions. It captures vehicle images and identifies license plate numbers using a high-definition camera, making it widely used in parking lots, highway toll stations, and community access control systems.

This device supports multiple triggering methods—such as video stream detection, ground loop coils, and radar sensing—offering high recognition accuracy and excellent adaptability to various lighting and weather conditions.

The integrated unit features a compact structure, is easy to install, and seamlessly connects to barrier gates and payment systems to enable unattended vehicle management, effectively improving traffic efficiency and safety.

Front View

Side View

Top View


Features Characteristics



**Precise
Triggering**



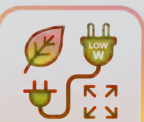
**Accurate
Recognition**



**3-in-1 Highly
Integrated**



**Easy
Installation**



**Cost-effective
& Practical**



**Water/Dust
Proof**

VB S40-E5 Springless Mechanism

Functional Characteristics

1. Springless design – no mechanical balancing, maintenance-free
2. No pole drop during power failure – extremely safe
3. Extremely simple operation – direction change in 30 seconds
4. Perfect combination of worm gear and gear for high reliability
5. Trouble-free operation ≥ 5 million cycles; opening speed 1.8 – 6 seconds
6. Power failure operation: manually push the pole or use the handwheel to raise/lower the pole
7. Digital display panel for quick and easy parameter setting



Product Specifications

Input Voltage: AC200~400V	Motor Power: 300W
Remote Control Distance: ≤ 50 meters	Trouble-free Operations: ≥ 5 million cycles
Operating Temperature: $-35^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Relative Humidity: 30% ~ 80% (non-condensing)

Opening Types / Boom Specifications



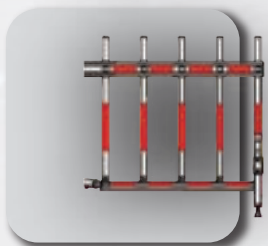
Straight Boom

- Length 3m – opening time 2.0s
- Length 3.5m – opening time 2.2s
- Length 4m – opening time 2.5s
- Length 4.5m – opening time 3.0s
- Length 5m – opening time 3.5s
- Length 6m – opening time 4.0s



Articulated (folded) Boom

- 3m total (1.5m+1.5m) – 2.2s
- 4m total (2m+2m) – 3.0s
- 5m total (2.5m+2.5m) – 4.0s



Barrier/Truss Boom

- Two-section 3m – 3.0s
- Two-section 3.5m – 4.0s
- Two-section 4.5m – 4.5s
- Three-section 3m – 4.0s
- Three-section 3.5m – 4.8s