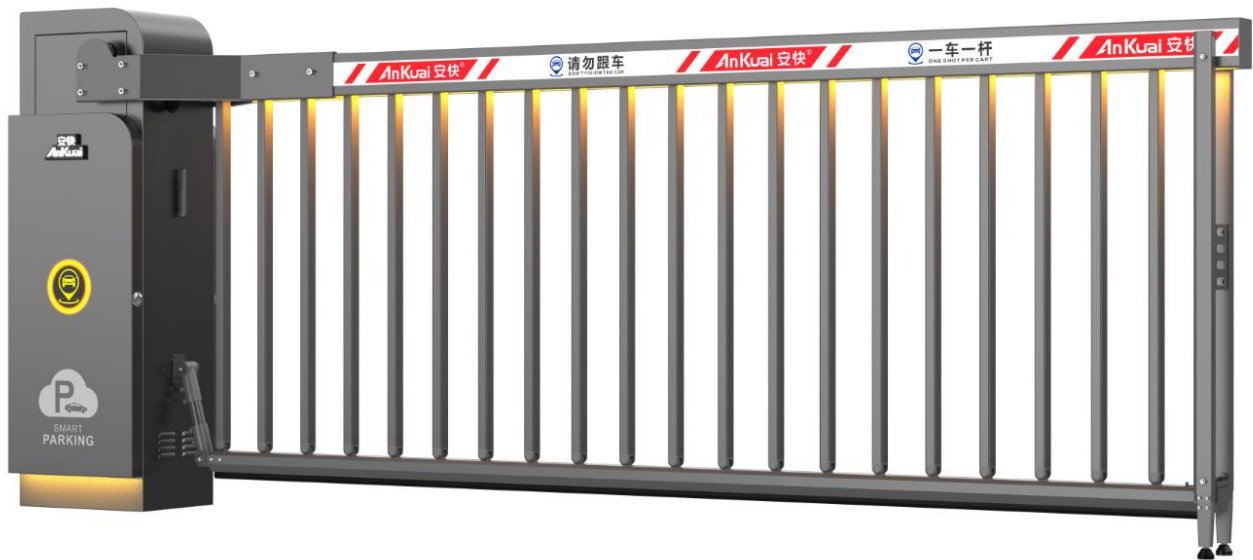


# Z955 Fence Barrier Gate Specification



**Product Model: AK-Z955**

**Product Description: Fence Barrier Gate**

## CONTENTS

## Product Specification

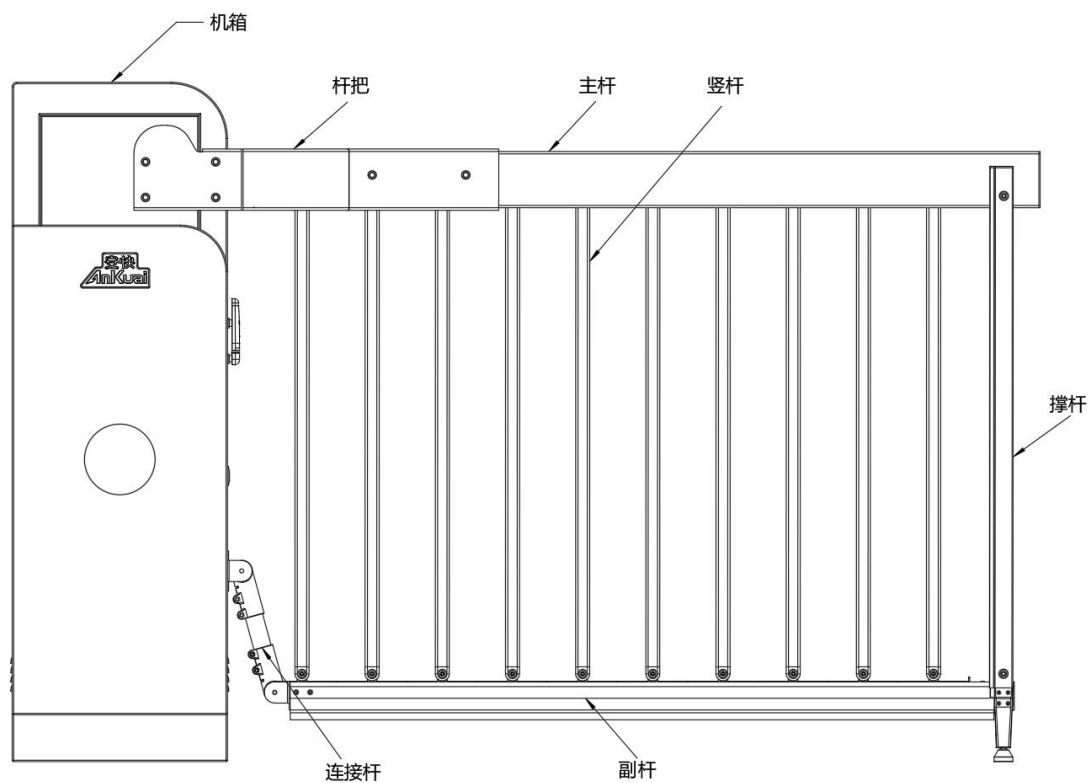
|                                       |   |
|---------------------------------------|---|
| 1、 Product Overview .....             | 3 |
| 2、 Product Illustration .....         | 3 |
| 2.1 Product Overview .....            | 3 |
| 2.2 Product Photos .....              | 4 |
| 3、 Product Features .....             | 4 |
| 4、 Technical Specifications .....     | 5 |
| 4.1 Technical Parameters .....        | 5 |
| 4.2 Product Dimensions .....          | 5 |
| 4.3 Profile Specifications .....      | 7 |
| 5、 Product Weight and Packaging ..... | 8 |
| 5.1 Product Weight .....              | 9 |
| 5.2 Packaging Dimensions .....        | 9 |
| 6、 Revision History .....             | 9 |

## 1、Product Overview

The fence barrier gate is a new-generation product that our company has carefully designed and manufactured to meet the requirements of modern "safe, fast, efficient and high-quality" management. Its high standards, high quality and high level of integration, together with its fashionable appearance and its distinctive visual charm of color, convey a feeling of elegance, refinement and composure, and make it complement and enhance its surroundings. It is the preferred choice for parking lots, hotels, schools, garden villa communities, enterprises and institutions.

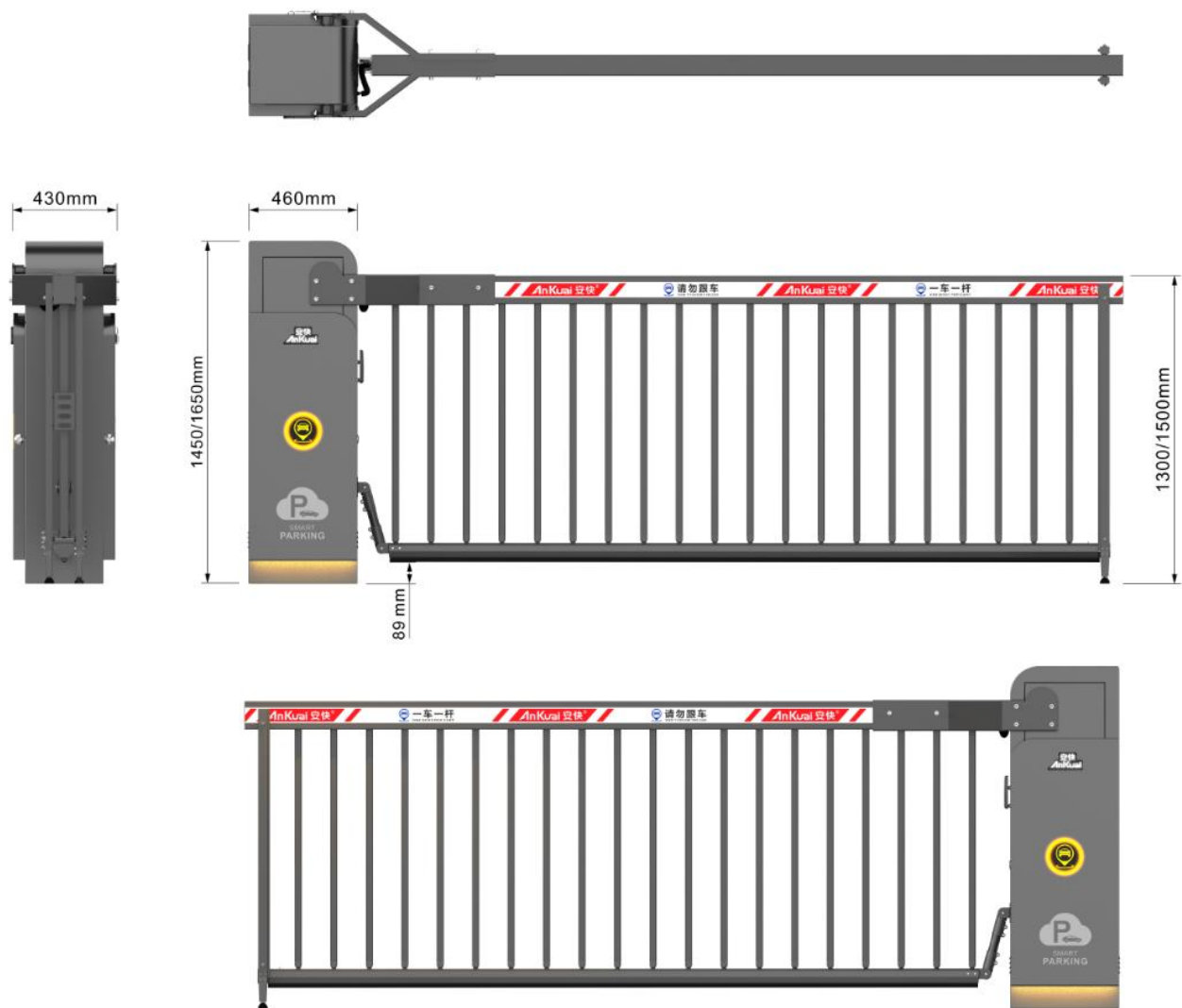
## 2、Product Illustration

### 2.1 Product Overview



### 2.2 Product Photos

## Product Specification



### 3、Product Features

- 1、 Simple and distinctive appearance; the housing is sturdy and durable, with an advanced surface treatment process that makes it suitable for outdoor use.
- 2、 Uses a 24V brushless motor for high speed, low loss and greater energy efficiency.
- 3、 Adopts DC servo control technology; the speed is adjustable for more precise control and smoother boom movement.
- 4、 Adopts an integrated gear reducer, effectively ensuring reliable operation and

making installation and maintenance easy, with no left or right orientation required.

5、 The vertical pickets of the boom are rectangular, with a spacing of 120mm, increasing strength while effectively reducing the gap.

6、 The boom length can be customized on request to better suit different scenarios, up to a maximum of 6 meters.

7、 The barrier gate is equipped with an indicator light box for clear visibility at night.

8、 The boom can be fitted with an optional high-brightness waterproof LED light strip, with photocell-controlled switching for efficient, intelligent operation.

9、 Multiple control methods are available for users to choose from: the barrier can be operated manually (raise, lower, stop) using the buttons on an external control box, or a remote control device can be used for long-distance operation of the barrier.

10、 When used with an optional vehicle detector, functions such as "automatic lowering after the vehicle has passed" and "automatic raising when a vehicle is present during lowering" are provided, giving the barrier gate automatic closing and comprehensive anti-vehicle-crush protection.

11、 Features an open-priority function: if an emergency occurs while the boom is lowering, the boom will open immediately as soon as an open signal is received.

12、 The system uses standard external electrical interfaces, making it easy to connect to other systems selected by the user.

13、 Bounce-back on obstruction: if the boom is blocked by an external force while lowering, it will automatically raise, reducing damage caused by accidents.

14、 Loop-detector anti-crush protection: if a loop-detector signal is received while the boom is lowering, the boom will automatically raise; the boom will not lower while the signal is active, and will lower automatically once the loop signal returns to normal, ensuring safety.

15、 Anti-crush rubber strip: a rubber strip is fitted to the boom to reduce losses caused by accidents.

## 4、 Technical Specifications

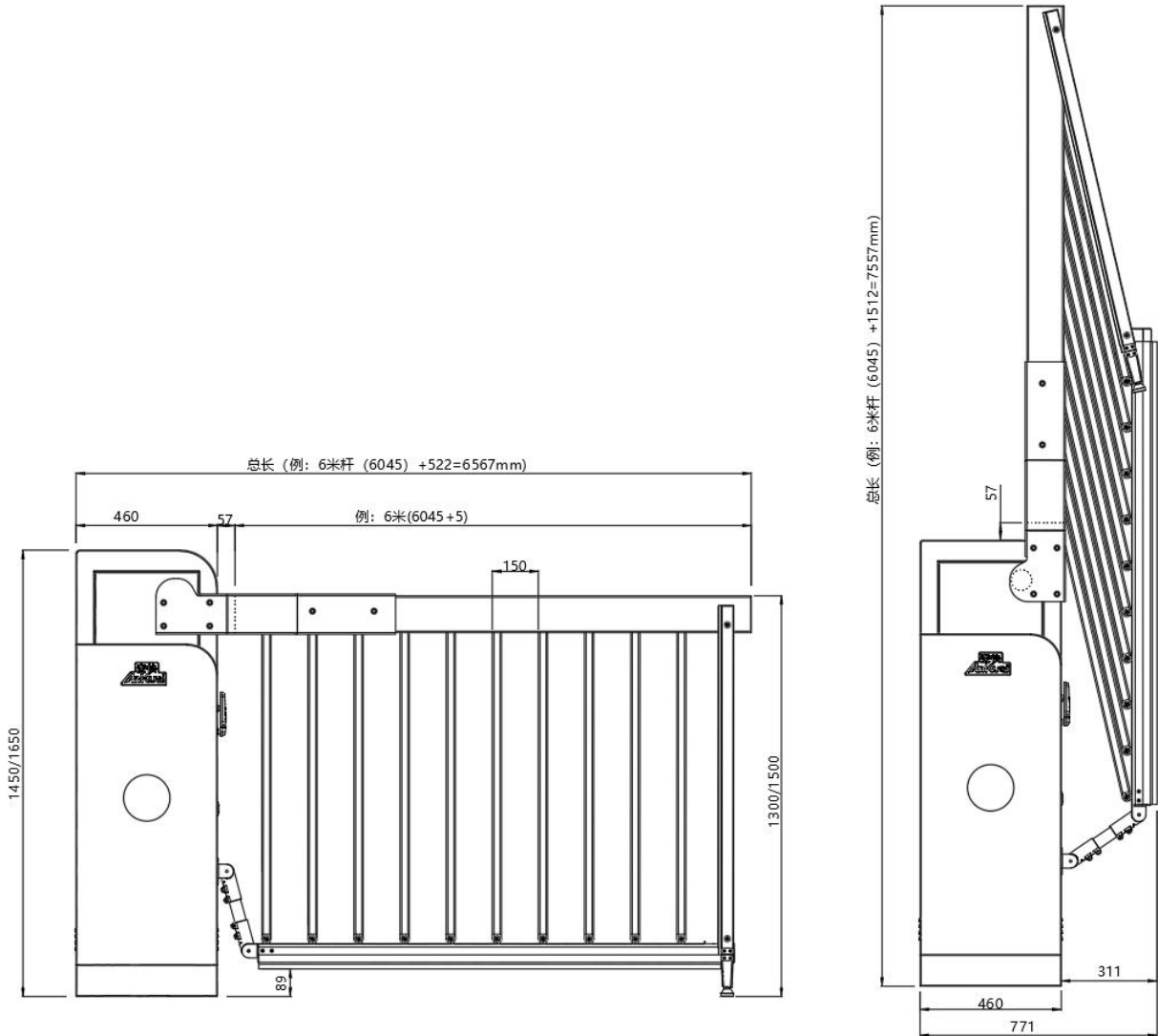
### 4.1 Technical Parameters

|                       |                       |
|-----------------------|-----------------------|
| Working Voltage       | AC220V                |
| Motor Power           | DC brushless 24V/150W |
| Operating Temperature | -30°C~80°C            |
| Relative Humidity     | ≤90%                  |

#### Product Specification

|                          |                                         |
|--------------------------|-----------------------------------------|
| Boom Length              | Max. 6m                                 |
| Opening Time             | Approx. 6S-10S                          |
| Remote Control Distance  | ≤30m Frequency: 2.4G                    |
| Boom Height above Ground | Two options: 1300mm and 1500mm          |
| Protection Rating        | IPX4                                    |
| Input Interface          | Dry contact signal or high-level signal |
| Cabinet Dimensions       | 460×430× (1450/1650) mm                 |

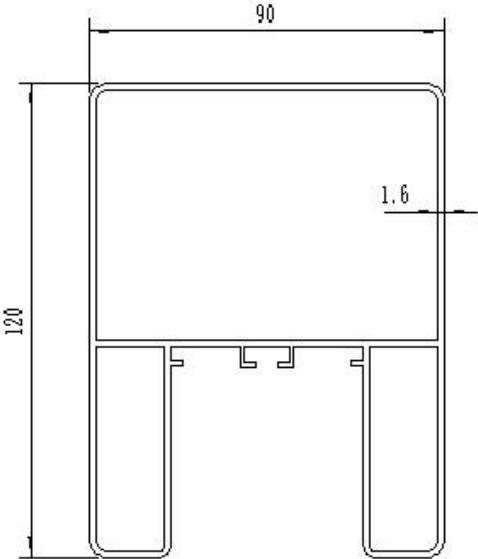
#### 4.2 Product Dimensions



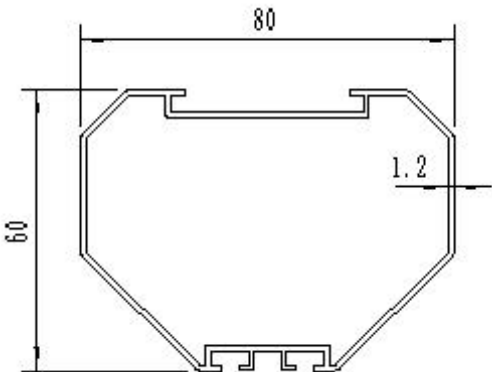
4.3 Profile Specifications

4.3.1 Main Boom (120\*90\*1.6)

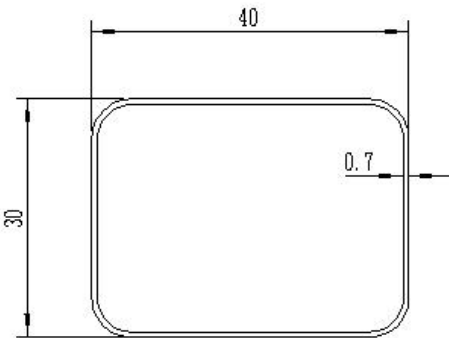
Product Specification



4.3.2 Secondary Boom (80\*60\*1.2)



4.3.3 Vertical Picket (40\*30\*0.7)



## 5、 Product Weight and Packaging

### 5.1: Product Weight:

Barrier gate approx.: 120Kg for the 1450mm-high model

147Kg for the 1650mm-high model

### 5.2: Packaging Dimensions:

Barrier gate packaging size: 1.3m model: 535X485X1485mmmm

1.5m model: 535X485X1685mmmm