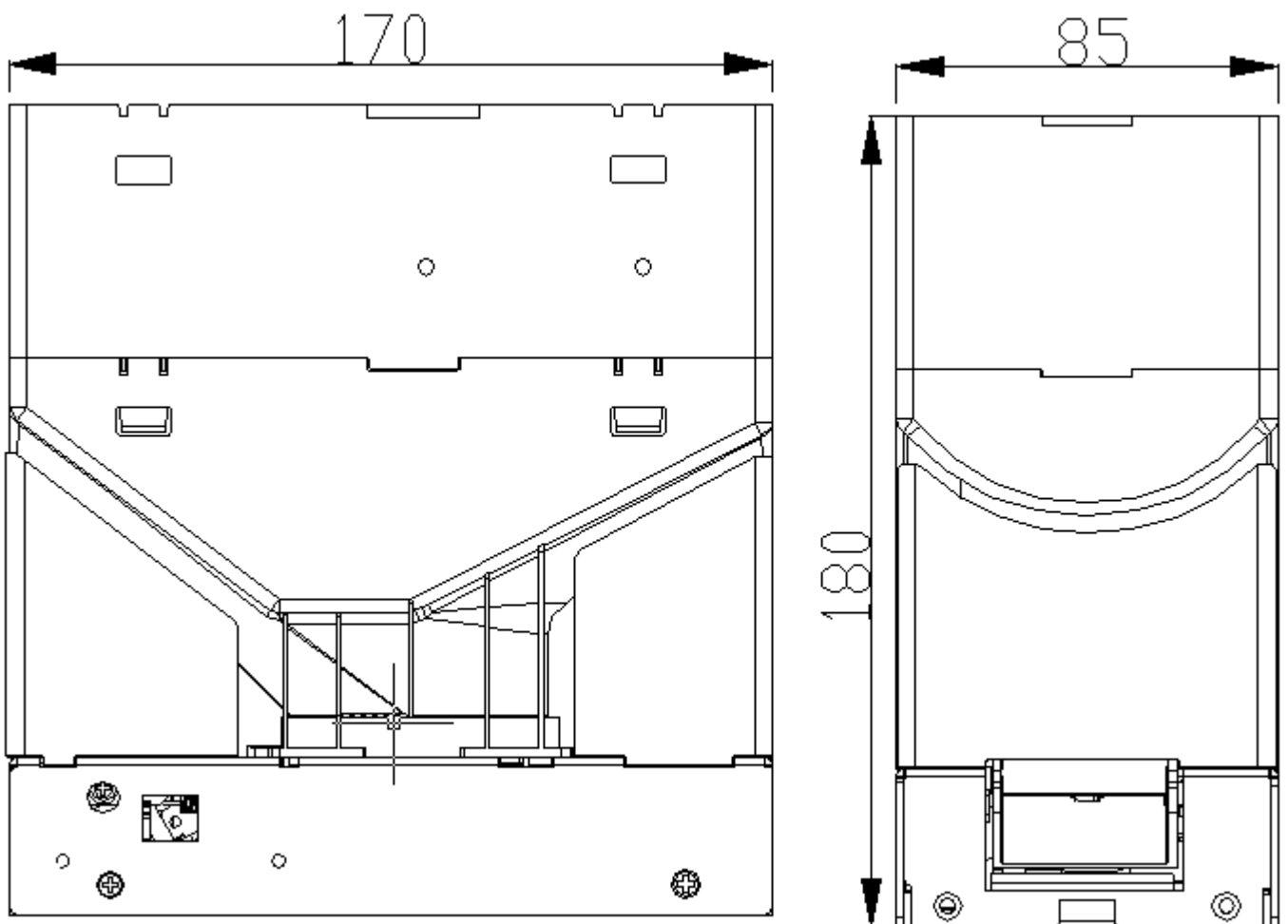


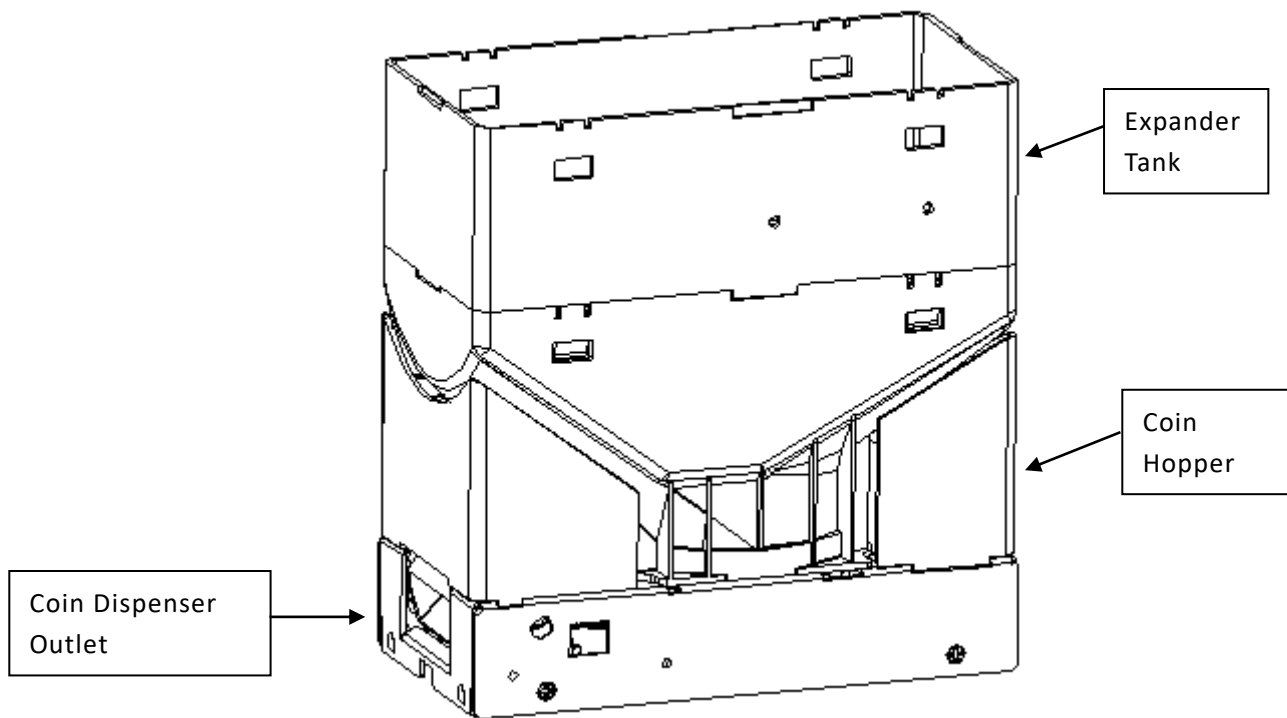
# **Coin Hopper Technical Manual**

## 1 Overview

The main function of the coin dispenser is to change coins. It is equipped with a motor and a coin-counting sensor. Upon receiving a control command from an external motherboard, the coinDispenser performs the action of dispensing coins and calculates the number dispensed. In the event of a coin jam, the issue can be resolved by reversing the motor.

## 2 Appearance and Dimension





Model size: 85mm x 170mm x 180mm

### 3 Technical Specifications

Supported Coin Types:	Diameter: 15-30mm; Thickness: 1.6-2.4mm
Coin Capacity:	400 coins (refer to 1 Yuan coin, without expander tank). Increased by 300 coins per expander tank added
Dispensing Speed	Approximately 6 coins per second
Coin Outlet Reorientation	Supported
Power Supply Voltage	DC24V±10%
Current Consumption	Standby: 0.02A~0.2A When motor Operating: 0.5A~3.0A When motor Startup: 1.8A~3.0A (less than 30ms)
Weight	About 1.7kg
Operating Temperature	-5°C~50°C
Operating Humidity	8%~95% (no condensation)
Storage Temperature	-20°C~60°C
Storage Humidity	10%~90% (no condensation)

Lighting Environment	Below 800Lux
Tilting Angle	Operates normally with a tilt of up to 3° in any direction

#### **4 Matters need attention**

- Please install the device internally, away from direct light, and ensure a level installation.
- Avoid using the device in environments with excessive dust, oil, or salt in the air.
- Add coins only when the module is not in operation.
- Do not introduce coins or foreign objects other than the specified coin type into the coin dispenser or coin hopper.
- Do not use counterfeit or damaged coins.