



# ZK-SHD-190-T1 and ZK-SHD-190-T2

Smart Automatic Door Opener  
Elevate Your Entrance Experience

## Introduction

The ZK-SHD-190 Series automatic door opener are the smart solution for modern access control. This series is available in two models, including ZK-SHD-190-T1 and ZK-SHD-190-T2. The T1 model accommodates doors up to 200 kg and 1500 mm wide, while the T2 model is suitable for lighter doors up to 135 kg and 1200 mm wide. Both models feature 115° opening angle.

The ZK-SHD-190 Series stands out due to its intelligent combination of power and efficiency. Also, it offers The ZK-SHD-190 Series offers advanced safety with smart obstruction detection and ZKEasyGo mobile app (coming up) for remote control, combining intelligent protection with convenient monitoring capabilities. These opener operate at a mere 2W in standby mode and maintain a whisper-quiet operation at  $\leq 45\text{dB}$ , delivering smooth, adjustable performance without compromising on energy efficiency. The adjustable opening/closing speeds and hold-open times (1 to 99 seconds) ensure seamless adaptation to any environment.

The ZK-SHD-190 Series is built for longevity and reliability, with a 1-million-cycle lifespan and operation in temperatures from  $-25^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ . With the smart obstruction detection and the upcoming ZKEasyGo mobile app integration, these systems deliver a blend of safety, convenience, and modern functionality for any residential or commercial setting.

## Features

### Energy-efficient Design

- Ultra-low static power consumption ( $< 2\text{W}$ ) and maximum operating power of  $60\text{W}$ , ensuring reduced energy costs without compromising performance.

### High-Performance Motorized Operation

- Equipped with advanced motor technology to deliver precise, smooth, and reliable door movements.
- Built-in protections against overcurrent, overload, and short circuits for enhanced durability.

## Smart Safety Features

- Intelligent resistance system to detect obstructions and reverse door movement for user safety.
- Anti-collision correction ensures safe operation in high-traffic environments.

## Quiet and Smooth Operation

- Whisper-quiet operation at 45dB, ideal for noise-sensitive environments like hospitals and offices.

## Wide Compatibility

- Supports door widths ranging from 1200mm to 1500mm, with a maximum door weight capacity of 135kg to 200kg, making it suitable for a variety of door types and sizes.

## Hygiene Focused and Hands-Free

- Designed to minimize physical contact, promoting better hygiene in environments like healthcare facilities, clean rooms, and offices.

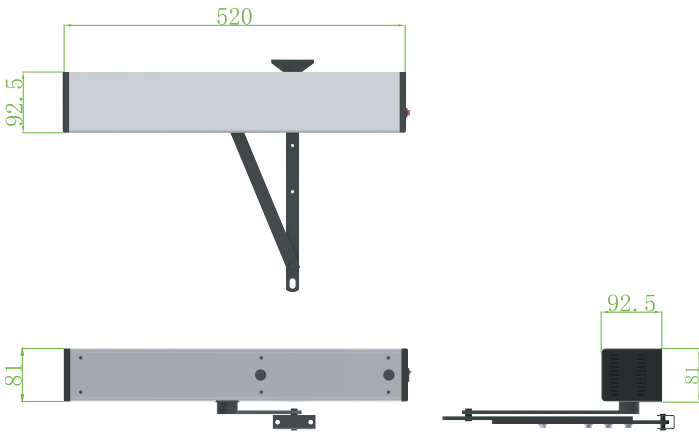
## Smart Connectivity

- Compatible with the ZKEasyGo mobile app for remote control and monitoring, allowing for flexible and convenient operation. (Coming Soon)

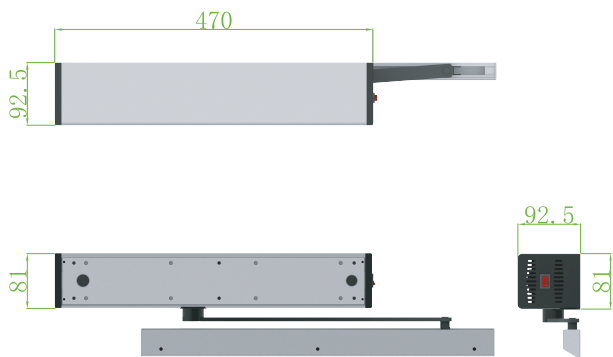
## Specifications

Model	ZK-SHD-190-T1	ZK-SHD-190-T2
Description	Automatic for flat doors	
Opening	Motorized Opening and Closing	
Product Dimensions(L*W*H)	520*92.5*81mm	470*92.5*81mm
Product Weight	7.2kg	6kg
Max. Capacity	200kg	135kg
MCBF	1 M cycles	
Stroke Control	Encoder	
Power Supply	95 to 260 V AC, 47 to 63 Hz	
Power Consumption	75W, Max100 W	45W, Max100 W
Auxiliary Power	24V DC, 700 mA	
Electro-mechanical Locking	24V DC Max 600 mA or 12V DC Max 1200 mA	
Maximum Door Wing Width	1500 mm	1200 mm
Door Wing Opening Angle	Maximum 115°	
Opening/Closing Time	3 – 7 s	2 – 6 s
Hold Open Time	1 – 99 s	
Noise	≤45dB	
Software	ZKEasyGo (Mobile App) (Coming Soon)	
Operating Temperature	-25°C to 60°C	
Operating Humidity	Within 95% (non-condensing)	
Application Environment	Indoor	
Certifications	CE / FCC (coming soon)	

Dimensions(mm)



ZK-SHD-190-T1



ZK-SHD-190-T2

