HDE-TF101A
Motion-Based AI Touch-Free Elevator Button Controller

Features

- Floating 3~5cm contactless elevator button to prevent contact infection.
- Contactless AI algorithm, deep learning to identify finger trigger mode and trigger accurately.
- Eliminates the problem of traditional infrared triggering errors. It has high stability and avoids accidentally triggering the elevator button due to crowded cars or backpacks.
- Retains the original press button method for a smooth operating experience.
- Suitable to all brands of elevators without changing the original panel of the elevator.
- Compatible with elevator floor control systems, achieving safety control and epidemic prevention.
- Support elevator system cancellation function.

AI
AI Tech

Touch-Free

Elevator Control

Specifications

Model No.	HDE-TF101A
Trigger Mode	Contactless AI algorithms
Comm. Interface	RS-485, support MODBUS RTU
Case Material	Aluminum alloy
Installation Method	Wall monut
LED Indicator	LED x 1 (Green: Standby; Blue: Position)
Beep Tone	Buzzer
Voltage Input	DC 24V / 2V
Power Consumption	<15W
Operating Temp.	0˚C~ 40˚C
Relative Humidity	10% ~ 80% (Non-condensing)
Dimension (mm)	155 (L) x 145 (W) x 38 (H)
Weight (g)	800g ± 5%

Ordering Information

Package Content:
- Controller x 1
- Quick Start Guide x 1

Optional Accessories:
- MCU-0016-BS Multi I/O Expansion Panel
- DC24/12V Dual Outputs Power Supply

System Architecture

AC-110V

Output Controller Power Supply Enclosure

Elevator Car Ceiling

Inside Elevator Car

RS485

* Product design and specifications are subject to change without prior notice.