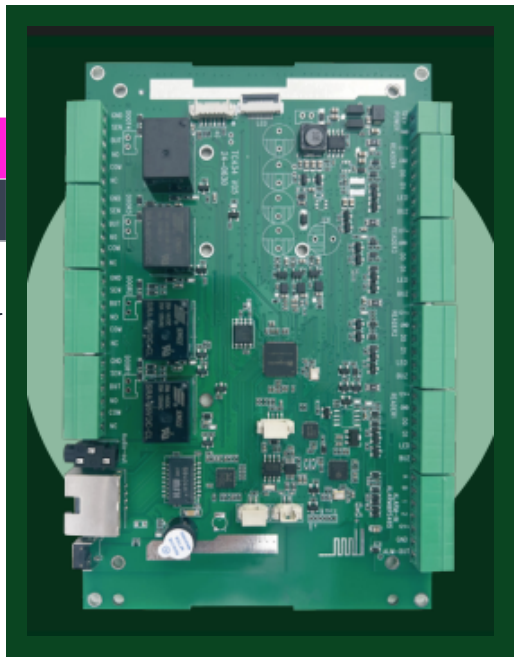
ESE-TC434A

Four-Door Unidirectional Access Control Panel

4-DOOR CONTROL	ETHERNET / WIFI / 4G	TIME PERIOD MGMT
4 WIEGAND INPUTS	REMOTE / QR / CARD	AUDIO OUTPUT



Product Overview

The ESE-TC434A is a four-door unidirectional access control panel designed for high-security, high-reliability and high-performance access management. It supports access control and elevator-use scenarios, enabling verification for employees, residents, owners and visitors through advanced Internet and IoT technology. The controller supports networking and offline use, multiple reader heads through Wiegand interfaces, and standard Ethernet communication with optional WiFi / 4G connectivity, making it suitable for future-oriented smart property applications.

Key Features

- Compatible with a variety of access control reader heads.
- Industry-standard hole position for easier installation.
- Standard Ethernet connectivity, with optional WiFi / 4G networking.
- Multiple unlocking methods: mobile phone Bluetooth, mobile remote, QR code, card swiping and password unlocking.
- Supports access time-period management.
- Supports audio output, customizable audio content and external power amplifier connection.
- Supports platform docking for smart-property integration.

Technical Specifications

Core hardware and connectivity specifications for the ESE-TC434A model.

Item	Specification
Master chip	1.5G
Internal memory	128MB
Storage	128MB
Open door verification mode	QR code, card, password, remote
Wiegand format	Wiegand 26 / 34, other optional
Networking mode	Ethernet, optional WiFi / 4G
Card capacity	100,000
Access control input / output	4 door switch inputs, 4 door status sensor inputs, 4 door opening outputs
Alarm input	1 alarm input
Wiegand interface	4 Wiegand inputs
Audio output	1 audio output, supports external power amplifier
RS485 interface	One RS485 port, optionally configured as elevator control linkage
Operating temperature	-30°C to 80°C
Working humidity	10%–90%
Power supply specification	12V / 2A
Equipment size	154 × 123 × 12 mm

Platform Features & Functions

- Supports property payment, access control intercom, parking lot, charging pile, elevator control, visitor and operation management functions.
- Unified management of millions of IoT devices with comprehensive cloud audio and video solutions.
- Supports a unified platform for visual intercom, face recognition, cloud access control, parking lot, elevator control and monitoring.
- Fully supports property repair, payment and other functions for smart-property transformation.
- Provides mature API docking services to support smart community integration.