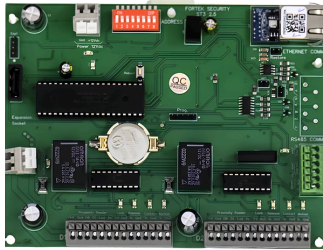
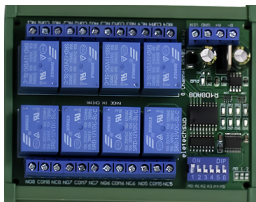
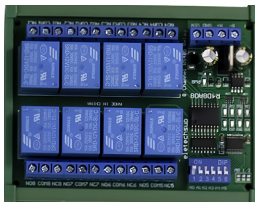


ST4-IP | KEYLESS ENTRY ELEVATOR CONTROLLER

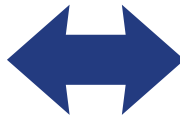
The ST4-IP Controller is an enterprise-grade access control motherboard engineered for seamless, native integration with the Fortek Unify Platform. Capable of managing 8 to 128 floors, it delivers centralized, web-based management tailored to diverse commercial and multi-story facility requirements.

KEY FEATURES

Elevator Controller



Fortek Unify – Security Ecosystem



KEY FEATURES

 Expands from 8 to up to 128 floors using expansion modules via RS485	 Fully IP-based connectivity to Fortek Unify
 Supports up to 255 controllers under a single Fortek Unify deployment	 LED status indicators: Board Power, Floor Unlock Status
 Direct interface to elevator controller inputs	 Supports up to 6,000 users, 255 access groups and 15 weekly access schedules
 Inputs for integration with alarm systems, fire panels, and intercoms	 Easily configured floor unlocking schedules, exception schedules, and emergency lock/unlock

**SYSTEM
CAPACITY**
8 Floors



**ETHERNET
PORT**



**SATA
PORT**



**RS485
(Half duplex)** **RS485
(Half duplex)**



SUPPORTED EXPANSION MODULES

8F
(8 Floors)

16F
(16 Doors)

32F
(32 Floors)

TECHNICAL SPECIFICATIONS

Model	ST4-IP	Board Protection	Overcurrent, overvoltage, & reverse voltage protection
Floors Supported	Eight(8) floors, expandable to one hundred and twenty eight (128)	On Board LED Status	Board power, Floor Status unlocked
Type of Technology	Distributed MicroController	Input Voltage Board	12VDC to 14VDC
Prox. Reader interface	Wiegand 26bits, 37bits & 40 bits	Board Power Consumption	0.033A
Elevator Panel Interface	Dry Contact - Normally open(N.O) and Normally close (N.C)	Interface Fire Alarm Panel	Supported
Communication I	Ethernet - Configurable: DHCP/Static IP/Ports	Power Supply Monitoring	Supported
Communication II	RS485 - Half & Full Duplex	Programmable input/output	Supported
Safety Standards	Designed to conform to UL 294	FCC & IC Compliance	Complies with part 15 of the FCC rules Class A

RECOMMENDED WIRING

EQUIPMENT	WIRE TYPE	SIZE	MAXIMUM LENGTH
Proximity Card reader/ keypad	6 conductors, shielded	22AWG to 18AWG	500 ft (150 m)
Ethernet	CAT 5e / CAT 6	24AWG/23AWG	300 ft (100 m)
RS485 (half duplex, Full duplex)	CAT 5e / CAT 6	24AWG/23AWG	300 ft (100 m)
Dry contact - Per floor	2 conductors, solid copper	22AWG	1000 ft (300 m)
Fire Alarm Input	2 conductors, solid copper	22AWG	1000 ft (300 m)