

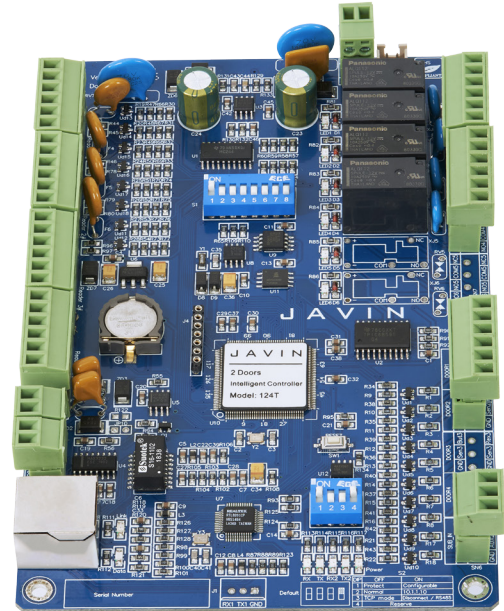
Smart AI Controller

Introduction

JAVIN 124T controller built with the ability to control and manage 2 doors, with Entry and Exit reader on each door. JAVIN Smart AI manages and control multiple doors through one Ethernet connection and one IP address. It is easy to integrate with most entrances such as doors, barriers & turnstile. JAVIN controller permits to integrate with third party products, focused on delivering a complete solution on integrated projects. JAVIN 124T controller offers a configurable output covering a wide range of interfaces and data types.

Functionality

- » Active real-time network sync
- » Power, built-in power outputs to supply power to readers
- » Stable, independent input for every reader, electric lock, sensor and button
- » Easy to integrate third party products such as fire alarm, intruder alarm, barrier, turnstile, traffic light, automatic switch and roller blind control
- » Save wiring cost such as fire alarm wiring by connecting to one of JAVIN controller. In a fire emergency, it will instantly trigger to other controller to unlock door
- » Door interlock system suitable for cleanroom, mantrap door and security access

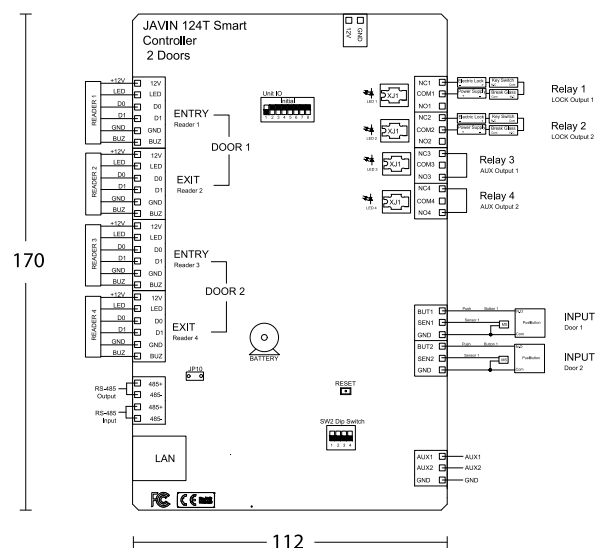


124T

Dimension

Features

Description	2 Doors, 4 Readers - Each Doors In and Out Reader
Card Users	10,000
Event Storage	100,000 Transactions
Temporary Card	500 Visitors Card
Advanced Security	2-8 Credentials to unlock door
Programmable Door Status	Always open, Always closed, On/Off, Sleep, PIN Required, Anti-Passback
Card Group	Support Master + Secondary Cards
Time Zone	15 Time Zones on each door
Boss & Manager Cards	Flashing Boss card twice in 8 seconds to always unlock, flash twice to lock.
Event Flow Control	24 sets to Interlocking AB doors, to Lockdown many doors, to Unlock many doors



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TECHNICAL SPECIFICATIONS

General Specification

Reader Input	4 Wiegand Readers
Door Relay (NC / NO)	2 ch
Exit Button	2 ch
Door Sensor	2 ch
Auxiliary	2 ch Inputs, 2 ch Output Relays
Reader Format	125kHz EM, 13.56MHz Mifare, Mifare Plus, CPU, Mifare Sector, HID DESfire, HID iClass, Rosslare, Indala
Reader Bits	26~72 bits
Bandwidth	10/100 Mbps
Communication Modes	TCP/IP, RS-232 (Max 50ft), RS-485 (Max 4000ft)
Protection Circuit	Input over-current protection, automatic reply in normal status. All input / output with dynamic voltage protection
On-board Data Retention	10 years on 1 Lithium battery
Standard	CE, FCC, RoHS
Operating Temperature	-40°C ~ 70°C

Physical

Dimensions	112(W) x 170(H)mm (controller only)
Weight	500g
Memory	16MBit
Processor	ST ARM Cortex M4 Processor, 32 bits

Electrical

Operating Voltage	12vDC $\pm 10\%$ @ 3A
Operating Current	$\leq 200\text{mA}$
Standby Current	$\leq 150\text{mA}$